





Version Information

Version	Release Date	Notes
1	Oct 2017	Initial release
2	Nov 2017	Added Macros, Event Macros, and Room Triggers, Event Macros, Room Triggers and Cloud
3	Jan 2018	Added Reset Password, room groups, and show device. Updated room options
4	May 2018	Added keep alive commands, Split Rooms, updated activation steps
5	July 2018	Added Device Groups, updated Remote Control builder, and room option Enable Passcode Locking
6	Sept 2018	Updated registration process, room options updated
7	Jan 2019	Added Custom Switcher and DSP to equipment and added Custom Control Interface
8	March 2019	Updated Roles and Permissions
9	June 2019	Editing Users, Reorder rooms, and Advanced Settings room options updated. Added new Macros & Conditions section.
10	July 2019	Added new Adding Custom Icons, Managing Custom Icons, If Logic, IF ELSE, Append Variable, SEND COMMAND, Remove n Characters from Variables, and Decriment / Increment sections.
11	Oct 2019	Updated Reset Password section with new instructions and screenshots. Updated Custom Control Interface section with new 1.6.2 features. Big updates for CCI section: Controls, Pages : Master Page Overlay, and Media.
12	Nov 2019	 Added Room Problems Report section Firmware 1.6.3 updates: View All Connections button added to Tools in Server Settings Added HTTP traffic and Anonymous User Control to Security in Server Settings Macros now programmable to page navigation selections within User Interface Updated Conditions section System variable field added to Buttons / Labels section Added Toggle Page button added to Master Page Overlay Variable Groups added and Variables updated
13	Jan 2020	 Velocity 2.0 update Added Table of Contents per section Log In & Activation updated Minor updates in System Settings: Tools, Sites: Rooms, and Sites: User Interface
14	Jan 2020	Cloud updated to support 2.0 free license.
15	Apr 2020	 Firmware 2.1.0 updates: Updated navigation Added the ability to create two-way driver with Checksum to the General drivers. New macro commands added:
		FOR LOOP AND CALL MACRO
		TIMER/CLOCK
		SHOW HIDE DISPLAYS
		• Multiple objects can now be selected at the same time within the Custom UI setup page.
		Added the ability to create multiple rooms at the same time.
16	Jun 2020	Firmware 2.1.3 updated initial start up process.
17	Aug 2020	Firmware 2.2.0 added SNMP, Atlona Device Manager Settings, and Home Page sections.



Welcome to Atlona!

Thank you for purchasing this Atlona product. We hope you enjoy it and will take a extra few moments to register your new purchase.

Registration only takes a few minutes and protects this product against theft or loss. In addition, you will receive notifications of product updates and firmware. Atlona product registration is voluntary and failure to register will not affect the product warranty.

To register your product, go to http://www.atlona.com/registration

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Log In & Activation

Initial log in and activation of the Velocity Gateway is outlined in this section.

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Log In

Once the Velocity Gateway has been set up on a network, locate the IP address of the unit.

- VGW Hardware: The IP address of the server can be located by connecting to an HDMI or Mini DisplayPort display (the IP will be located on the center of the screen) or using an IP scanner.
- VGW Software: The IP address will be located on the center of the screen after installation.

NOTE: Google Chrome is the recommended browser when using Velocity. Other browser may experience technical difficulties and may not support full functionality.

1. Open any browser on the network and type the IP address in, as shown below.

		L		×
	🔕 Products ‹ Atlona ® AV S · 🗙 🚫 Atlona Velocity Dashbo : 🗙 📃			
•	← → C ③ Not secure 192.168.X.XXX		☆ 🖸	:

Velocity will automatically log in once the IP is launched and a pop up will appear.

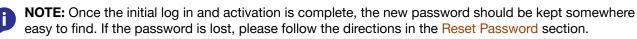
		velocity			
GATEWAY DATA		or A ateway Setup Login Info * Primary admin email a@a.com	Gateway Info * Time Zone:	SECURITY	NETWORK
	* Piumary admin first name A * Piumary admin last name A	* Confirm Email a@a.com * New 'admin' password	Password criteria: 8 Characters 1 Integer		
	Network 1: 192.168.41.68 Network 2: 192.168.50.240	* Confirmation Password	1 Lowercase 1 Uppercase 1 Special Character Passwords Match!		
	Ationa Device Manager Setting Allow MDNS Hostname or MAC Coyright S2000400na in gladona con	Address to	SUBMIT		

* New 'admin' password	Password criteria:	* New 'admin' password	Password criteria:	* New 'admin' password	Password criteria:
•••••	8 Characters		8 Characters		8 Characters
	1 Integer		1 Integer	* Confirmation Password	1 Integer
* Confirmation Password	1 Lowercase	* Confirmation Password	1 Lowercase		1 Lowercase
	1 Uppercase		1 Uppercase		1 Uppercase
	1 Special Character		1 Special Character		1 Special Character
	Passwords do not match.		Passwords do not match.		Passwords Match!

2. Fill in the initial set up information, including: Company Name, First & Last name, the email address for system emails to be sent, time zone, and a new password.

NOTE: Passwords must be at least 8 characters and include: 1 number, 1 uppercase letter, 1 lowercase letter, and 1 special character. The text will appear all green when the password meets all criteria.

3. Press SUBMIT once all information is filled. A new pop up will appear.



Ĭ



Log In & Activation

Online Activation

NOTE: AT-VGW-HW will be activated straight out of the box and the activation steps can be skipped. If the software is activated already, it will go to the sites page. If the software is not activated, it will go to the system settings page. Activation status can be found at the bottom right hand of the screen.

= 0			velo	ocity			<u>@</u>	
GATEWAY	E DATABASE	cLOUD	0+ UCENSES	۲ TOOLS	EMANL	SECURITY	A NETWORK	Inactive Gateway
			Drag and drop files here	Current Version: 2.2.0 rc18 e or click to browse for files				
		RELEASE NOTES			CHECK FOR UPDATES		/	Activate Velocity License
		Gateway Settings Gateway Name Gateway 1 Allow New Synchron	zatorsi?					
		SAVE SETTINGS						
		Linked Gateways						Welcome! Thank you for choosing Velocity.
		Copyright 62003Atlona In	: (atona.com). Al Rights Reserve	ved Version 220 rc18 Gate	Active Galeway			Please activate your velocity gateway before continuing to use the control platform.
								ок

- 4. Press the **OK** button on the Activate Velocity License window. The settings page will open.
- 5. Select the License tab from the top navigation.

elocity	∞	= velocity	8
© [®] ≡ ● [©]7 № ⊡ алтими аллала соло ⁽ спласа тоха амал	C 4 SECLARTY NETWORK	[2] ☰ ▲ ↔ ⁰ � [2] ♥ antident database: dicade lubinesis tidols indeal security	A NETWORK
Finimate Update Control Version 22.0.218 Drag and drop files there or click to browse for files		Active Licenses Garrowy 16 (2000200-040) 6009-6009609800a	
		License Key SKU Beoms ⊕• 0*60050511112000055 x11v00#140/3 1	
Outerway Settings Galaxya Ware		Room Licenses Total Control Rooms. 0	
Gatewy 1 Allow New Synchronizations?		Total Mateling Roome 0 Total Lineade Octobel Roome 3 Austabile Lineades Roome: 3	
SAU SETTINS	^	Activation Settings 💡	
+		Activeted Tatalar. Activeted Gateway (r. 100002030 6400 5000 6006 69/86005880a	
		Gateway Serial Number: 0740305517112400055	
		Add New License	
		License Key ACTIVATE HOM CLOUD	
		Email Address	
		Offline Learns Activation URADALIZATION	

6. Fill in the serial number (provided at time of purchase or located on the bottom of the AT-VGW-HW-3/10/20) and the email where the license registration should be sent. Press the **Register** button.

NOTE: Either the Gateway or the computer connected to the Gateway needs to have access to the internet to register.

Activation Settings 😢	
Activation Status: Not Activated	
Gateway Id: 03000200-0400-0500-0006-b898b00580ba	
Gateway Serial Number	
0740305517112600055	
Email Address	
a@a.com	REGISTER
Offline Activation	UPLOAD LICENSE



Log In & Activation

Offline Activation

1. Follow steps 1 through 7 of Online Activation. When the Register button is pressed in step seven, a new window will open.



NOTE: If nothing happens when the register button is pressed, disable pop-up blockers and open the blocked window.

🛞 Atlana Velacity Equipmi 🗴 🔗 Atlana Velacity Login 1: 🗴		Thereor 💿 Google Rey Music 🔓 Google Rey Music 🤅 Google 🛞 - Log In
← → C O Not secure 192.168.11.179/#/serverSettingsModify	·□ ▼ ☆ □	0
🔢 Apps 👂 TriNet Respont 👩 Google Play Music 👩 Google ⊗ + Log In	The following pop-ups were blocked on this page: Other booking	da .
	bttps://websity.atfores.mt//http://f32166.11.179 Control biologing program from http://f32166.11.179 Control biologing program	Valentin Developed Devicementary
SETTINGS DATABASE CLOUD LICENSES TOOLS	EMAIL Marage pop-up Moding	
		Samoy Sections (Incoments) 0442003/1900200304
		eyu aslam ağızom
		acona .
		velocity

- 2. The fields should be auto-filled from the previous screen, if not, fill in the serial number and email address. Press the **Register** button.
- 3. The license file will be downloaded automatically. Select an easy to find place on the local PC (e.g. desktop) to save to.

$\leftarrow \rightarrow \neg \uparrow \blacksquare \rightarrow$ This PC \rightarrow BXS (F:) \rightarrow Bex Sync \rightarrow Velocity Base			v Ö	Search Velocity Bas	× P	
Organize • New folder					B • 0	IDAtMDUwMC0wMDA
Box Sync Name	Date modified	Туре	Size			
CneDrive	5/23/2017 12:47 PM	LIC File	1	KB		
This PC						
Autodesk 360						
Desktop						
Documents						1.0
Downloads Music						ation
Music						
Videos						
OS (C:)						
Files (E)						
BOS (F:)						
Microsoft Office						
ever se s						
File name: Velocity, License, 0740305517060000054					v)
Save as type: LIC File (.lic)					v	
A Hide Folders				Save	Cancel	
				REGISTER	2	-
		\sim	é			

- 4. Close the registration tab and return to the system settings page.
- 5. Press the Upload License button. A new window will open.

Conditive Conditive Conditive Condition Condi	layilar or - Floer 1 (Copyljion Sicily, 0.2.4 Jane Sicily, 0.3.8 Jane	8/12/2017 1/26 PM 5/29/2017 0:54 AM		508 2		(H •		0			Y 🔅 🖬 O	
Which Base Aday Bar Spine Photo Chebhive White This PC White Chebhive White Chebhive White Chebhive White Chebhive White Chebhive White Chebhive White	layilar or - Floer 1 (Copyljion Sicily, 0.2.4 Jane Sicily, 0.3.8 Jane	8/12/2017 1/26 PM 5/29/2017 0:54 AM	WeiRAR archive	Sex 2							Umer dookmarks	
Operations Theory Descriptions Theory	6000y_license_blic 6000y-0.5.3 6000y-0.5.33ar 6000y-0.5.1002.tar rtualion-5.1.15-114002-Win	Scalaper 4 et al. aut Scalaper 4 et al. aut Articord an PM Scalaper 4 et al. aut Scalaper 1 biol aut Scalaper	UC Kie LIC Re LIC Re LIC Re UC Ra Wold & anive Wold & anive Wold & anive Wold & anive Wold & anive Wold & anive Report Application Application Statutar Not Act 1 Consocotoos 1 Consocot	\$19 48 15 12 12 12 12 22	- All Files Oper		s encel		€Э игтоона	в		

6. Select the license file from the folder and select **Open**.

Once the file has been uploaded successfully, the message **Gateway Activated Successfully** will appear at the bottom of the screen and the **Activation Status** will show Activated.



NOTE: The page should refresh automatically after registration, if the page does not, manually refresh the web browser.



System settings will include the ability to view server settings, scheduling, licenses, tools, set up email notifications, security options, and firmware upgrades.

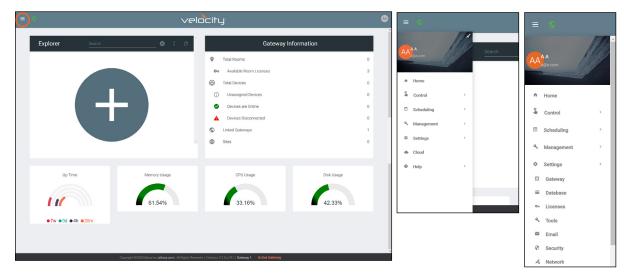
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General

1. Locate the \equiv in the top left corner of the home page and left click to open the menu.



- 2. Select Settings from the menu. New options will appear.
- 3. Select Gateway.

			velc	city				-
GATEWAY	DATABASE	CLOUD	07 LICENSES	TOOLS	EMAIL	SECURITY	A NETWORK	Í
		RELEASE NOTES	Firmware Update Cur Drag and drop files here or		CHECK FOR UPDATES			
		Gateway Settings Gateway Name Gateway 1 Allow New Synchronizs SAVE SETTINOS	ations?	•				
		Linked Gateways +						

Gateway

Gatway is the default page opened when Settings is selected. It provides basic information for Velocity, such as: Firmware, Gateway Settings, Synchronization, ID, Serial Number, and Time Settings.

¢ ⁰		•	07	٩		•	4
GATEWAY	DATABASE	CLOUD	LICENSES	TOOLS	EMAIL	SECURITY	NETWORK
		RELEASE NOTES Gateway Settings Gateway Hame Gateway 1 Allow New Synchroniz	Drag and drop files here or		CHECK FOR UPDATES		
		SAVE SETTINGS		-			
		SNMP Enable SNMP Traps + Ationa Device Manag			•		
		Allow MDNS Hostnam update Device IP?	ne or MAC Address to				

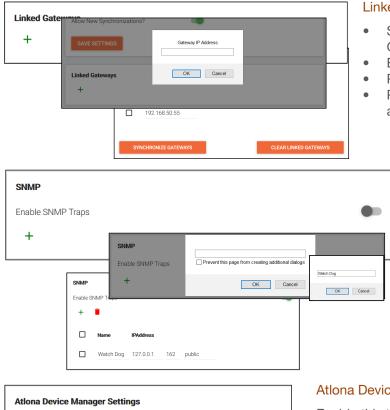
Gateway Settings

The gateway name may be changed, to provide an easy way to discern between different gateways.

Select the slider bar next to **Allow New Synchronizations** to enable the Atlona Touch Pads and other BYOD control devices to connect to the gateway. This is enabled by default.

Sateway Name		
Gateway 1		
Allow New Synchronizations?	-	





Linked Gateways

- Select the + button to link to any other Velocity Gateways on the network. A pop up will appear.
- Enter the IP address of the other gateway.
- Press the OK button.
- Press the Synchronize Gateways. A pop up will appear when complete.

SNMP

- Enable this feature to set up notifications when issues arise.
- Once enabled, press the + sign. A pop up will appear that the name for the notification device can be entered into.
- Press OK once the name is entered.
- Enter the IP Address in the IP Address field.
- The next field is for the IP Port.
- The final field is for the community string, which is defined by the watch device.

Atlona Device Manager Settings

Enable this to have Velocity update a device IP address if it changes to the new address and has the MDNS hostname or MAC address associated to it within the software. e.g. If a device is set to DHCP and the IP is renewed to a new address, it will auto update in Velocity.

Time Settings

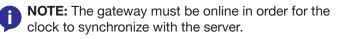
update Device IP?

Set the time, time zone, and date for Velocity.

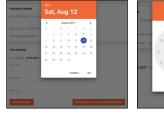
Enable NTP Clock Synchronization

Allow MDNS Hostname or MAC Address to

Select this button to allow Velocity to sync its clock with the server.









Time Settings	
Current Date: 4-9-2020 Current Time: 03:47:49 PM	
Time Zone America/Los_Angeles (United States)	
* Clock Time Format	0
EnglishDayShort EnglishMonthShort DD, YYYY h:mm PM	
* Hour Only Time Format h:mm PM	0
Set Date	
Set Time	
SAVE SETTINGS	
ENABLE NTP CLOCK SYNCHRONIZATION	

API Settings

API Settings	
Enabled	
Port	
23	
* Note: To enable/disable API, you must a API details. *	lso restart Velocity (Tools tab). See Velocity Manual for

API is used for integrating Velocity with a pre existing control system. Select the enabled slider and type in the port to activate API integration.

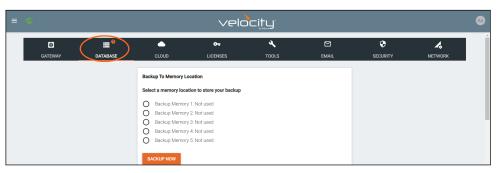


NOTE: Once changes have been made, restart Velocity using the Restart Velocity button in the Tools tab.



Database

1. Select **Database** from the top navigation inside of the **Server Settings**.



The Database page provides a way to back up, restore, set up redundancy, and delete databases & settings for Velocity.

Backup To Memory Location

Select one of the five memory backup locations and press save. This will back up the Velocity database to the currently selected Backup Memory. Once a backup memory has been used, it can be downloaded, restored from, or deleted.

NOTE: Atlona recommends creating a backup and saving Ĭ to a secure location after integration is complete.

Backups Available For Restore

All backups available will appear in the list. The backups can be renamed, deleted, downloaded to the local computer, or restored to. Rename - Allows creation of a custom name for each backup.

- Delete All Delete all provides a quick way to clear all the previous back ups at once.
- Delete Removes the selected backups, creating space for additional backups if needed

Download - Save back ups to the local computer for future restores.

Restore - Restores the gateway to the selected back up, overwriting all current information/settings of the gateway.

Upload

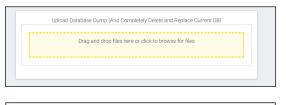
Drag and drop previously saved database backups from the local computer.

Database Restore History

Once a restore has occurred, a new field will appear after the restore. This will show all the database restores that have been successfully processed.

Sele	ct a memory location to store your backup	
0	Backup Memory 1: Not used	
Õ	Backup Memory 2: Not used	
0	Backup Memory 3: Not used	
0	Backup Memory 4: Not used	
\cap	Backup Memory 5: Not used	

Data	base Backups Available For Restore	
0	1day [2020-04-09 00:00:28.884548157 +0000 UTC] (120.4 MiB)	
0	2day [2020-04-08 00:00:27.370055916 +0000 UTC] (117.8 MiB)	
0	3day [2020-04-07 00:00:28.986593358 +0000 UTC] (117.8 MiB)	
Ο	4day [2020-04-06 00:00:27.536845659 +0000 UTC] (117.8 MiB)	
0	5day [2020-04-05 00:00:28.589610071 +0000 UTC] (117.8 MiB)	
RI	NAME DELETE ALL DELETE DOWNLOAD	RESTORE



Database Restore History

Date Restored	File Name Backup	File Modify Time	User Uploaded	Database Size
Jan 5 20:34:24	RecurringBackups-01-5-2018 19:00	Jan 5 19:00:16	A, A	173.9 MiB



Redundancy Settings

Redundancy provides seamless control where in the case of power loss or other events on one gateway, the secondary gateway takes over control.

Primary Gateway IP Address - Set to the IP of the primary gateway.

Standby Gateway IP Address - Set to the IP of the secondary gateway in case of failure.

Virtual IP Address - Set the virtual IP. This IP is where access to the Velocity webGUI can be found and will be used for all control device connections. Using this IP will ensure no loss of functionality in case the primary gateway goes down.

 Redundancy Settings

 Primary Gateway IP Address

 0

 Standby Gateway IP Address

 0

 Virtual IP Address

 0

 Virtual IP Address

 0

 Virtual IP Address

 0

 Virtual Round Network

 Network 2

 2

 Daily Backup Time:

 12 00 AM

 XVE SETTINGS

Virtual Bound Network - Select the physical port both gateways use to connect into the network with the controlled devices.

NOTE: Both gateways must be connected to the network using the same Ethernet port on the units. If the primary gateway is connected to Ethernet port 1 then the backup gateway must also be connected to the network using Ethernet port 1.

Daily Backup Time - Set the time per day in which the primary gateway will back up to the standby gateway.

G

NOTE: The backup gateway must have gone through the initial setup process and be set to a static IP before redundancy is set up.

Once both units have been set up and connected correctly, redundancy can be set up.

Redundancy Settings
Primary Gateway IP Address
10.20.200.219
Standby Gateway IP Address
10.20.200.168
Virtual IP Address
10.20.200.115
Virtual Bound Network Network 2 ~
Daily Backup Time: 12 00 AM ×
CLEAR REDUNDANCY SAVE SETTINGS RESTORE FROM BACKUP BACKUP NOW

1. Type in the primary gateway's IP address.

NOTE: Redundancy settings are only made on the primary gateway.

NOTE: Both gateways must be set to a static IP before redundancy is set up, to avoid any future issues.

- 2. Type in the secondary gateway's IP address.
- 3. Type in a Virtual IP address.

e.g. If the primary IP is 10.20.200.219 and the secondary IP is 10.20.200.168, the virtual IP should be 10.20.200.XXX (such as 10.20.200.115).

NOTE: The Virtual IP address must be an unused IP address. It cannot share an IP with any other devices on the network.

- 4. Set the virtual bound network to mirror the port used to connect both gateways to the control network. If the units are connected to the network on Ethernet port 2, then select Network 2 from the drop down menu.
- 5. Set the time of day that the backup will occur.



6. Press the Save Settings button. A green successful message will appear at the bottom of the page when redundancy has been set up. The title Primary Gateway will also appear in the server information at the bottom of the page.



The primary gateway will back up to the secondary unit at the designated time each day. The database back up may also be started manually by pressing the **BACKUP NOW** button at the bottom of the redundancy options, and set both gateways to the current configuration.

Started Backup Successfully			Active Gateway	Attem	pting to Restore Database
76 (US Toll-free) +1.408.962.0515 (US) International: +41.43.508.4321 V	ersion: 1.3.0 Primary Gateway	GD Backing Up Database	Standby Gateway	Θ	Database Restored Successfully

As the primary gateway is backed up, it will display the Backing Up Database message. Once a database has been successfully backed up, the backup gateway will show that it is in standby mode. The backup gateway will remain in backup mode until a time in which the primary gateway has been offline for the set timeout amount. Once the backup gateway is active, it will remain that way until the primary gateway is online again.

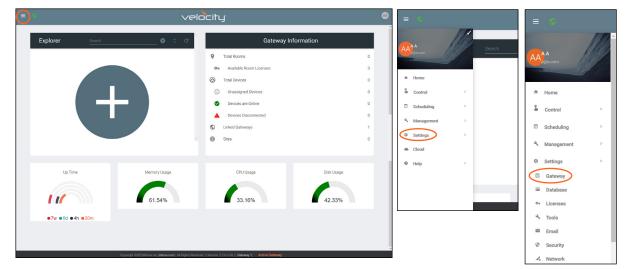
NOTE: If any changes have been made while the primary gateway was offline, select the Restore From Backup button to import the changes from the backup gateway.

If the redundancy is no longer needed, use the **CLEAR REDUNDANCY** button at the bottom of the redundancy field to unlink both gateways and erase the settings.

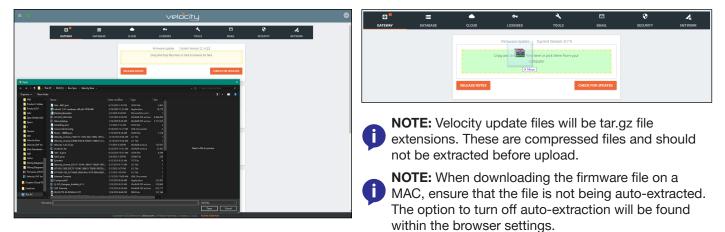


Firmware

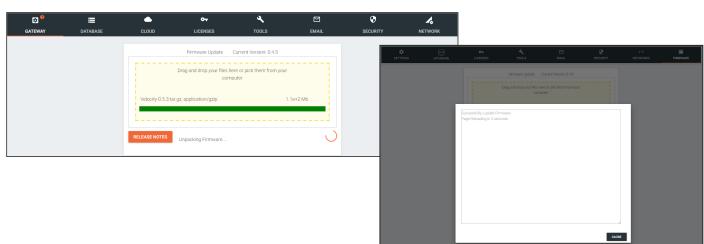
- 1. Locate the \equiv in the top left corner of the home page and left click to open the menu.
- 2. Select Settings from the menu. New options will appear.
- 3. Select Gateway.



4. Click on the field to browse the local computer for the firmware file, or drag and drop the firmware into the field.



Firmware upgrading will start automatically.



When the firmware upgrade is successfully completed, a pop up window will appear. It will close a few seconds later.

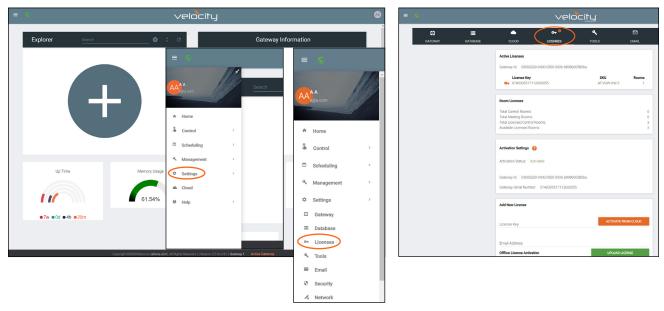


Cloud

Refer to Cloud section.



- 1. Locate the \equiv in the top left corner of the home page and left click to open the menu.
- 2. Select **Settings** from the menu. New options will appear. If already in the Settings page, select **Licenses** from the top navigation.
- 3. Select Licenses.



The license page displays any currently associated licenses and provides a way to load new room licenses to the user's VGW-SW or to activate a VSG license for Velocity Soft Gateways (AT-VGW-SW). More licenses can be activated here, to expand the amount of rooms Velocity can control.

NOTE: License keys and license download links are provided by email at the time of purchase. If an email cannot be found in the inbox, check the spam or junk folder. Only AT-VGW-SW can be expanded with extra rooms.

Add New License	
License Key	ACTIVATE FROM CLOUD
Email Address	
Offline License Activation	UPLOAD LICENSE



If the gateway is connected to the internet, a new license can be activated with the license key and an email address.

- a. Type in the License Key received by email at the time of purchase.
- b. Type in the email address associated with the license key (the email where the license was received).
- c. Press the Activate From Cloud button. The new license will activate and appear in the Active License field.

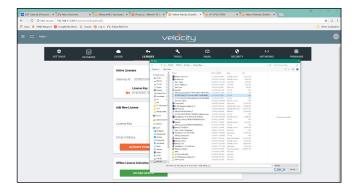
Add New License	Active Licenses
License Key	Gateway ld: 03000200-0400-0500-0006-b898b0057e8c
22C97-FFBFF-848BF-DF362-D2CB2	License Key SKU
	0740305517060200011 AT-VGW-250
Email Address	Or 22C97-FFBFF-848BF-DF362-D2CB2 AT-VDL-10
a@a.com	
ACTIVATE FROM CLOUD	

If the gateway is offline, the license file will need to be loaded to the gateway manually.

Activation Sta	itus: Activated
Gateway Id:	03000200-0400-0500-0006-b898b00580ba

a. On a PC connected to the internet, download the license using the link received by email at the time of purchase.

- b. Select the Upload License button to search the local PC for the license file.
- c. Select the license file and press the Open button. The new license will appear in the Active License section.

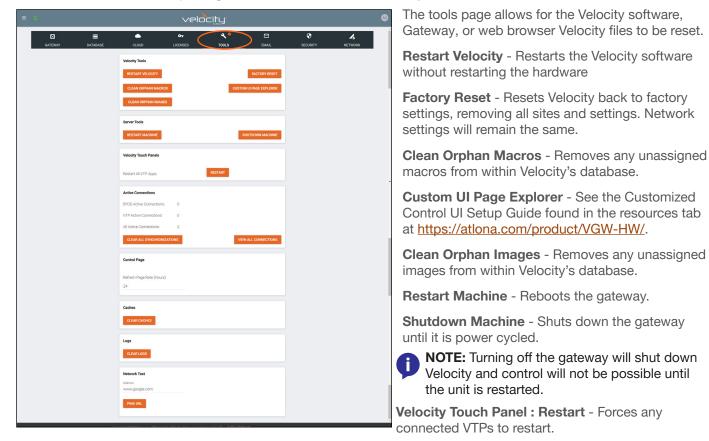


ateway Id: 03000200-0400-0500-0006-b898b0057e8c	
License Key	SKU
OT40305517060200011	AT-VGW-250
22C97-FFBFF-848BF-DF362-D2CB2	AT-VDL-10



Tools

1. Select **Tools** from the top navigation inside of the **Server Settings**.



Active Connections - Will display how many control touch pads and browser windows are connected to Velocity at the time.

Clear All Synchronizations - This will disconnect all logged in touch pads & browser windows and refresh their connections after 3 seconds.

View All Connections - This will display all the current control devices/screens connected to Velocity in a pop up window with ID, connected page, IP address, time of last use, and connection type.

Control Page - Set how long in hours between Velocity refreshing the control page caches.

Clear Cache - This will clear all internal cached files for all equipment. Use this if equipment remotes are not populating correctly after changes have been made.

Clear Logs - This will clear all internal log files for Velocity.

Network Test - Test the gateway's connection to the internet by pressing PING URL. By default the URL is www.google.com, but can be changed if needed. A green OK message will appear below the ping button if the connection is ok.



Email

Velocity by default will send error notifications from Atlona's default email address.

			VE	Plocity				8
C GATEWAY	DATABASE	CLOUD	07 LICENSES	۲ TOOLS	\langle	EMAL	SECURITY	ĺ
		SMTP Settings Enable SMTP:						
		Server Port 587 From Address		Default: 587				
		usename velocity@ationa.com Password						
		SAVE SETTINGS Sendgrid Email Settings Enable Sendgrid:						
		From Address support@ationa.com						
		Api Key SAVE SETTINGS						

- 1. Select **Email** from the top navigation inside of the **Server Settings**.
- 2. Fill in the company's email and/or Sendgrid settings.

This information will be provided by the company's email host. If the IT admin is not setting up Velocity, check with them for the correct settings.



Security

- 1. Select Security from the top navigation inside of the Server Settings.
- Set the limit for how many login attempts a user has before the system is locked to those credentials. 2.

≡¢		veloci	ity ^r				
GATEWAY DATABASE	CLOUD	07 Licenses	TOOLS	Email	SECURITY	NETWORK	Î
	SSL Certificates						
	Common Name:	demoCompany.com					
	Organization:	Demo Company LLC					
	Organization Unit:	IT					
	Location:	San Jose					
	State:	CA					
	Country:	US					
	Days:	365					
	Bit Size:	2048					
	GENERATE SELF	SIGNED CERTIFICATE					
	GENERATE CSR	E		UPLOAD PRIVATE KEY			
		-	_				
	HTTP Traffic						
	Always redirect all	traffic to HTTPS					
	SAVE SETTINGS						
	Other Allow Anonymous	Room Control Access					
	SAVE SETTINGS						

Never		
1		
2		
3		
4		
5 6		
6		
7		
8		
9		
10		

- **SSL** Contact Velocity Product Management for further information. •
- HTTP Traffic Select the check box if a secured connection is required on the network.
- Other Allow Anonymous Room Control Access Check this box to allow for anyone with the link to control • a specific room on any touch device.

Allow Anonymous Room Control Access

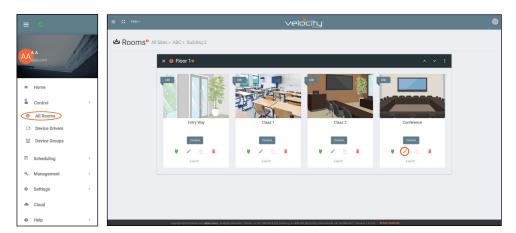
To allow outside presenters access to specific room controls without logging into Velocity. Allow Anonymous Room Control must be enabled.

- Scroll down to the Other section within the Security tab of the Server Settings page.
- Select the checkbox next to Allow Anonymous Room Control Access.
- Press the Save Settings button. •

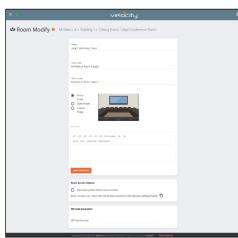
GENERATE SELF SIGNED CERTIFICATE GENERATE COR UPLOAD CERTIFICATE UPLOAD CERTIFICATE UPLOAD FRIVATE KEY	Other Allow Anonymous Room Control Access SAVE SETTINGS
HTTP Traffe Always redirect all traffic to HTTPS SKVE SETTINGS	NOTE: When Enabled, th URL is not secure. Any us with this URL can access
Other Allow Anonymous Room Control Access SAVE SETTINGS	control the room at any ti

and



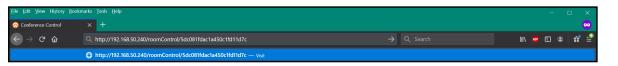


- Open the left navigation menu using the \equiv button in the top left corner of the screen.
- Select the All Rooms button under the Control option.
- Select the Edit button on the room tile.

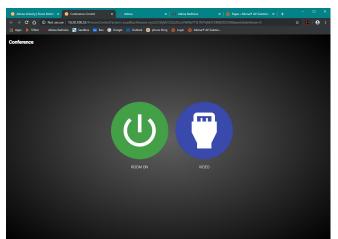


		_	
p://192.168.50.240/roomControl/	5dc081fdac1a450c1fd1	1d7c 🔲	
t	tp://192.168.50.240/roomControl/	tp://192.168.50.240/roomControl/5dc081fdac1a450c1fd1	tp://192.168.50.240/roomControl/5dc081fdac1a450c1fd11d7c

- Scroll down to the bottom of the page and copy the URL listed next to Room Access Link.
- Give that URL to the guest user, or create a scannable barcode for easy navigation.
- Have the user enter the URL into the browser navigation of the phone, tablet, or computer.



NOTE: The user device must be on the same network as Velocity or the URL will not work.

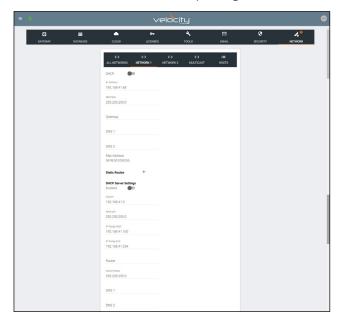


İ



Networks

1. Select Networks from the top navigation inside of the Server Settings.

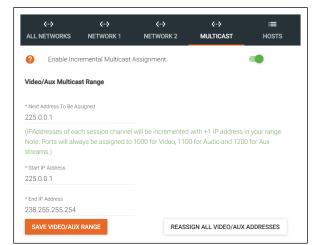


Network 1 - Corresponds with Ethernet Port 1 of the AT-VGW and can be set between static IP, DHCP, and DHCP server. If set as a DHCP server, a range of IP addresses must be set so it can assign IP addresses for anything else connected to the network.

• **802.1x Security** - Enable or disable this by selecting the slider. Enabling will allow the Velocity Gateway to be authenticated and authorized when connected to a network using 802.1x access control.

NOTE: By default, Ethernet Port 1 is set to Static IP (192.168.41.68) and Ethernet Port 2 is set to DHCP. When using a VGW-HW.

‹·›> ALL NETWORKS	∢··> NETWORK 1	<··›> NETWORK 2	∢··> MULTICAST	:≡ Hosts
DHCP:				
IP Address: 192.168.50.240				
Netmask: 255.255.255.0				
Mac Address: b8:98:b0:05:80:ba				
Static Routes	+			
802.1x Security Enabled:				
SAVE SETTINGS	RESET NETWO	ORK SETTINGS		



Network 2 - Corresponds with Ethernet Port 2 of the AT-VGW and can be set between static IP and DHCP.

 802.1x Security - Enable or disable this by selecting the slider. Enabling will allow the Velocity Gateway to be authenticated and authorized when connected to a network using 802.1x access control.

Multicast - Used for OmniStream set up and discovery. View the OmniStream manual for more information on Multicast, this information will be the same as the AMS network multicast set up.



ALL N	< € IETWORKS	< NETWORK 1	√·· NETWORK 2	∢··> MULTICAST	i≡ Hosts
Hos	ts 🕂			-	
1	127.0.0.1		localhost		
2.	127.0.1.1		velocity		
8. 🔳	::1		ip6-loopba	ack	
4. 🗎	ff02::1		ip6-allnode		
ō. 📋	ff02::2		ip6-allrout		
ó. 🔳	192.168.1.	1	primary.ve		
7. 📋					

Host - Provide a simple way to assign a name to any Velocity controlled device on the network. Simply enter the controlled device IP address and write a host name to assign to it.

د> ALL NETWOR	KS NETWORK 1	<> NETWOR		↔ > FICAST	: ≣ Hosts
Network [·]	1	Network	2		
Name:	eth0	Name:		eth1	
Address:	192.168.50.240	Address:	192.1	58.41.68	
CIDR:	192.168.50.240/24	CIDR:	192.168.4	1.68/24	
Subnet:	255.255.255.0	Subnet:	255.2	55.255.0	
Available Ad	dresses: 256	Available A	ddresses:	256	
MAC:	b8:98:b0:05:80:ba	MAC:	b8:98:b0:	05:80:bb	
Status:	up broadcast multicast	Status:	up broadcast r	nulticast	

All Networks - Provides a quick overview of the network port settings.



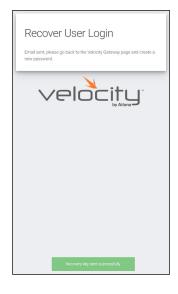
Reset Password

If the login password is ever forgotten, it can be reset on the login page. The password reset may only be done once Email has been set up in System Settings.



1. Select the **Forgot Password** link found under the LOGIN button. A new tab will open with the GatewayID number and the Email associated with the account.

Recover User Login
Gatewayld 03000200-0400-0500-0006-b898b0057ecc
Email Address a@a.com
EMAIL RECOVERY KEY



 The Email address should auto populate with the account Email. This can be changed, but if the Email entered is not associated with the gateway, the password key will not work. Press the EMAIL RECOVERY KEY button. A success message should appear.

support@ationa.com				← Reply	(*) Reply All	→ Forward	
5 To • AA						Tue 10/1/2019	9:35 A
If there are problems with how this message is displayed, clic	k here to view it in a web browser.						
ATLONA							
Cannering Retirology							
ssword Recovery							
bomora necovery							
assword Recovery Key							
				vdV0nkFiHT7vc	zkkjT/8YZ1LitxRg	fOQAT1y6alAR	ryk8e
:FxuwZzcOT/nX3RVfhGjD+lr3zhvquFXf2op/hYGLw2C	QY7zJ0KP50GuT2YumwzIS+QNE	0xirn8YAt7bzjiw9i7iStDIi	5WD+131KPR015EP8110W				
	2Y7zJ0KP50GuT2YumwzIS+QNE	Dxirn8YAt7bzjiw9i7i5tDli	5W0+101KPK0 50*6110W				
FxuwZzcOT/nX3RVfhGjD+ir3zhvquFXf2op/hYGLw2C covery key will expire at 8:35PM.	2Y7zJ0KP5OGuT2YumwzIS+QNE	Dxlm8YAt7bzjiw9i7IStDli	SW04111X91015098110W				
	2Y7zJ0KP5OGuT2YumwzIS+QNE	Delm8YAt7bzjiw9i7iStDii	SWD111127003050110W				
	2Y7zJ0KP5OGuT2YumwzIS+QNE	Dolm8YAt7bzjiw9i7iStDii	WUT 1110700 5070110W				

- 3. Once the email is received (be sure to check junk email), copy the Password Recovery Key from the box.
- 4. The login page will have automatically changed to a password update screen. Enter the new password and the Password Reset Key from the email.
- 5. Select the **RESET PASSWORD** button. Velocity will open and a green password reset successfully message will appear at the bottom.

	Veloc	ity Loginø
Email Addr	255	
a@a.cor	n	
		Password Criteria:
	ew Password	8 Characters
		1 Integer
Cc	onfirm Password	1 Lowercase
		1 Uppercase
		1 Special Characte
		Passwords do not
		match.



Home Page

The home page provides a single place to see sites, gateways, run times, and system status.

ContentsExplorer28Gateway Information29Usage Information29



Home Page

The home page will display when logged in, when the Velocity logo in the center of the software is selected, or when home is selected from the left navigation.

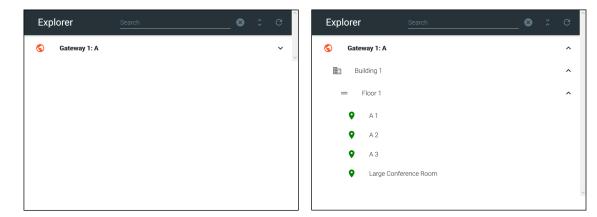


Explorer

The explorer provides a quick place to add a site, or view all linked gateway sites.

Explorer	🛛 🗘 📿 🌔	Add Site			Add Site	
		The New Site will contain default Build	ing, Floor and Room		The New Site will contain default Bu	ilding, Floor and Room
		* Site Name			* Site Name	
		* Country			* Country	
		* Address 1			* Address 1	
		Address 2			Address 2	
		*City	* Post Code		* City	* Post Code
	v	* State/Province	* Building Image		Firefox	* Duilding Image CANCEL IMPORT SUBMIT
		Chrome	CANCEL IMPORT S	UBMIT		

- 1. Select the + button to add a site. A pop up will appear.
- 2. Fill in the Site Name, Country, Address, City, Zip Code, State, and select an image for the building or select the import button and select a previously saved site from the local computer.
- 3. Press the Submit button. The site should appear in the explorer window, if not press the refresh button in the top right corner.

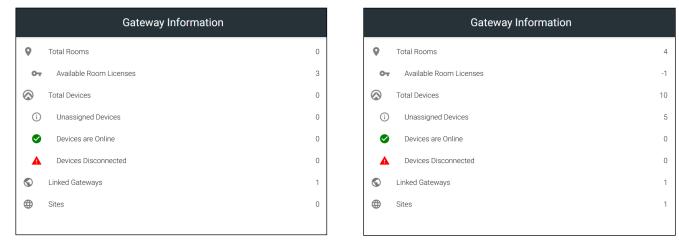


Select the site name or the expand all button to view the site. All sites on connected gateways will display in the explorer.



Gateway Information

The Gateway Information field will display rooms, devices, gateways, and sites. This will update whenever a new site or device is added. If the numbers do not update, refresh the browser screen.



Select any of the options (except for Total Devices) to go to the relevant section within the software. e.g. If Linked Gateways is selected, it will open the Gateway tab within the Settings page.

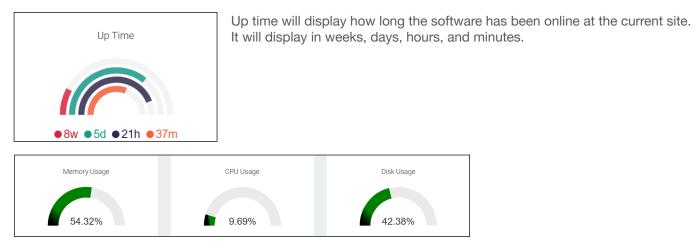
Total Rooms - Displays the total amount of rooms on the gateway and linked gateways. **Available Room Licenses** - Displays the total amount of licenses left. This can be negative if more rooms are created than there are licenses.

Total Devices - Displays the total of all devices on the gateways (Atlona devices, displays, sources, etc) **Unassigned Devices** - Displays the total number of Atlona devices that have not been assigned to a room. **Devices are Online** - Displays the number of Atlona devices that are connected and communicating with Velocity. **Devices Disconnected** - Displays the number of Atlona devices that are have been added but are not communicating with Velocity.

Linked Gateways - Shows the number of gateways on the network that have been linked together. **Sites** - Displays the number of sites on all connected gateways.

Usage Information

Usage tiles will appear at the bottom of the home page. This will display status of the Velocity gateway.



Memory, CPU, and Disk Usage tiles will display the status of the server. This will display the percentage of use on the VGW-HW or the percentage of allocated resources in use on the server for VGW-SW.



Sites

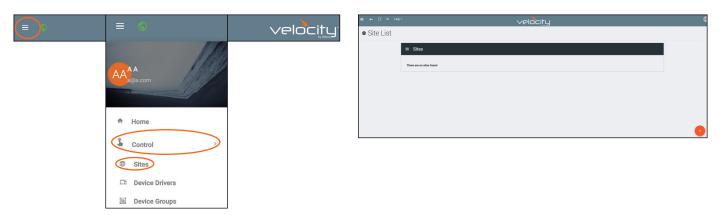
Sites will go over the adding, editing, deleting and general set up of sites, buildings, and rooms.

Contents General 31 Add 31 Edit 33 33 **Buildings** Add 33 Edit 34 34 Delete 35 **Floors** 35 Add Edit 35 Сору 36 Export 36 36 Import Delete 37 Rooms 37 Add / Edit 37 38 Add Multiple Rooms 39 Reorder Advanced Settings 40 **Control Settings** 40 User Interface 42 Macros, Event Macros, and Room Triggers 43 **Adding Technology** 44



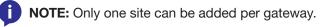
General

- 1. Select the \equiv button from the top left corner and select **Control**. New options will appear below.
- 2. Select Sites from the new options. A new screen will appear.



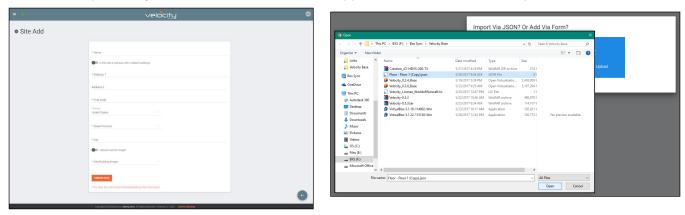
Add

1. Press the orange + button in the bottom right hand corner to add a site. A popup window will appear.





2. Select the purple **Add via Form** button for new sites and the blue **Import and Upload** button if loading a site based off a previously saved site. A new window will appear or a browse folder will open.







3. Select the site off the local computer and press open, or fill in the Site Add form.

*Name	- II.
ABC	
Is this site a campus with multiple buildings	- II.
*Address 1	- II.
123 Name St	- II.
12d name St	
	- II.
Address 2	- II.
* Post code 12345	- II.
12345	_
* Country	- II.
United States ~	- II.
	- II.
* State Province	- II.
California	- II.
	- II.
* Oly Bay Area	- II.
bay Area	_
Upload custom image?	- II.
opual coston mage:	- II.
	- II.
* Site/Building Image	- II.
	- II.
	- II.
CREATE SITE	- H.

Organize • New fol	lder .				88 • 🗖 🌔
Links *	Name	Date modified	Type	Size	
Velocity Base	Constrate AT-HEV/5-200-TX	5/27/2017 4:19 PM	WaRAR ZP archive	274	
Bax Syme	Floor - Floor 1 (Ceps) ison	5/29/2017 8:54 AM	JSON File	41	
and sheet	Velocity 0.2.4 Base	3/16/2017 2:39 PM	Open Virtuelizatio		
🝊 OneDrive	Velocity 0.3.8 Base	5/22/2017 9/25 AM	Open Virtualizatio	5,197,2941	
This PC	Velocity_License_WorldofWarcraft.lic	5/23/2017 12:47 PM	UCFile	11	
Autodesk 200	Websity-0.5.3	5/22/2017 10:36 AM	WinKAR archive	456,5701	
Dektep	Velocity-0.5.3.tor	5/23/2017 6:54 AM	WinRAR archive	114,1071	
	8 VirtualBox-5.1.18-114002-Win	3/23/2017 10:17 AM	Application	120,4211	
Documents	3 VirtualBox-5.1.22-115126-Win	5/25/2017 12:34 PM	Application	120,7721	No preview available.
Downloads					
Munic					
E Pictures					
Videos					
5 OS (C)					
Files (E)					
EXS (Fi)					
- Microsoft Office					
-				>	
Fie	name Roor - Roor 1 (Copy),joon				Al Files
					Open Cencel

- Name Usually the company name, use to identify the site Velocity will be located.
- Multiple Building slider Select this to start the site with two buildings instead of one.
- Address 1 & 2, Post Code, Region, Country, City Used to help determine the exact location of the site, to help when troubleshooting or if there is more than one site with the same name.
- **Upload custom image** slider Select this option to add a custom image for the site.

NOTE: Custom images must be .PNG, .JPG, .JPEG, or .BMP file types to display.

• Site/Building image drop down menu - Select a Velocity site image.

4. Press the **Create Site** button.



A new page will open.



To return to the sites page, press All Sites within the top navigation.

Sites	
≡ Sites	
Campus 2 Buildings	
ABC	
123 Name St Bay Area,	
View	
× 1, + 🖬	



Edit

1. Press the Edit Site (pencil) button to update a site's information. A new window will open.

Campus: 2 Buildings	•New AC
ABC 123 Name St Bay Area, View 1 1 +	Laked States

The options on the **Site Modify** window will be the same as the **Add Site** window. The requirements will be the same. Once changed, press the **SAVE CHANGES** button.

Buildings

Once a site is created, it will go straight to the buildings page. If multiple buildings was selected, then two buildings will display.



Using the + button or the navigation below the View All Rooms button, buildings can be added, edited, and deleted from this screen.

Add

Each site will start with at least one building. If more are needed, they can be added using the + button at the bottom of the page.



1. Select the purple **Add via Form** button for new buildings and the blue **Import and Upload** button if loading a building based off a previously saved building. A new window will appear or a browse folder will open.

Building 1 1234 New York	Import Via JSON? Or Add Via Form?	
Image: State		A A A A A A A A A A A A A A A A A A A
Mulo: Fictures 0 (c) 1 656 (c)	→ V Attion	

- 2. Select the building off the local computer and press open, or fill in the **Building Add** form.
 - Name Usually the building name or suite number, use to identify different buildings.
 - Address 1 & 2 Used to help determine the exact location of the building, to help when troubleshooting.
 - **Upload custom image** slider Select this option to add a custom image for the building.
 - Building image drop down menu Select a Velocity site image.
- 3. Press the Create Building button.

Edit

1. Press the Edit site (pencil) button to update a site's information. A new window will open.



Building Modify	All Sites » A » All Buildings » All Buildings » Editing Building: Building 1	
	*Nime Building 1 Address 1 A Address 2 Upload custom image? *Building image Generic Building 2	

The options on the **Building Modify** window will be the same as the **Add Building** window, with the exception of **Room Groups**. The requirements will be the same. Once changed, press the **SAVE CHANGES** button.

Room Groups - This will provide a way to link rooms that will be used together or linked.

- a. Name the room groups so that they will be easy to remember.
- b. Press the SAVE CHANGES button.
- c. Set the room group in each individual room's settings.

	Name	
1. 🗎	В	
	Name	
2. 📋	A	
	Name	
3. 📋	c	

Delete

1. Press the **Delete building** (trash can) button to delete a building. A popup confirmation window will appear.

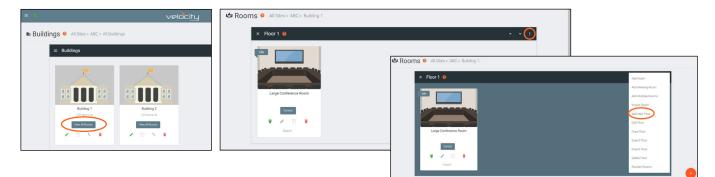
= 3	velocity	
Buildings All Sites + ABC + All B Buildings	uildings	Confirm
		Are you sure you wish to delete this building? WARNING! All rooms, technology and floors will also be deleted!
Building 1 123 Name St	Building 2 123 Name St	CANCEL SUBMIT
	View All Rooms	

2. Press the SUBMIT to delete the building.



Floors

Once a building is created, the **View All Rooms** button can be pressed to go directly to the room and floors areas. One floor and one room will automatically be generated based on the type of building selected during creation.



Add

Each building will start with at least one floor. If more are needed, they can be added using the : button at the top right of the floor header.

1. Select Add New Floor from the drop down list.

Add Room Add Meeting Room Add Multiple Rooms Import Room	 Add Several Floors - When enabled, the number of floors added at once is unlimited, but will slow the server if too many are added. 	Add New Floor Mdd Several Floors/Room Groups? Floor 3 CANCEL SUBMIT
Add New Floor	• Floor Name - When adding a	■ velocity ●
Edit Floor	singular floor, it can be named.	Rooms AlSres + ABC+ Budley 1 KRor2
Copy Floor	Add New Floor	K MOR 2
Export Floor	Add Several Floors/Room Groups?	× Floor1) ^ v E
Import Floor	* Total Ploors 10	
Delete Floor	CANCEL SUBMIT	Large Conference Recon
Reorder Rooms		

Edit

Each building will start with at least one floor. Once a room is added, the name can be changed through the edit function.

1. Select Edit Floor from the drop down list.

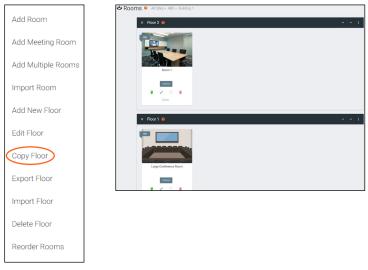
Add Room	Editing Floor		
Add Meeting Room	* Floor Name Floor 1		
Add Multiple Rooms	norm		
Import Room		CANCEL	SUBMIT
Add New Floor			
Edit Floor			
Copy Floor			
Export Floor			
Import Floor			
Delete Floor			
Reorder Rooms			

2. Type in a new name for the floor.



Сору

1. Select Copy Floor from the drop down list. The floor will duplicate.



Export

1. Select **Export Floor** from the drop down list. A new window will open.

	Save As			
dd Room	$\leftarrow \rightarrow \neg \uparrow \blacksquare \rightarrow \text{This PC} \rightarrow \text{BXS}(F_1) \rightarrow \text{Box Sync} \rightarrow \text{Vis}$	elocity Base	v ₫ Search	Velocity Base
	Organize 🕶 New folder			
dd Meeting Room	Box Sync Name	Date modified Type	Size	
	a OneDrive	No items match your search.		
dd Multiple Rooms	This PC			
	Autodesk 360			
mport Room	Desktop			
	Documents			
dd New Floor	Music			
	Pictures			
t Floor	Wideos			
-	G (C:)			
py Floor	BOS (F:)			
	Microsoft Office			
port Floor	mue area M			
	File name: Fileor - Fileor 3			
port Floor	Save as type: JSON File (json)			
	∧ Hide Folders		5	iave Cancel
elete Floor				
leorder Rooms				

2. Save the file to an easy to remember area (e.g. desktop).

Import

1. Select **Import Floor** from the drop down list. A pop-up window will appear.

Add Room		Gran $(- \rightarrow - \uparrow)$ This PC > 805 (F) > 804 Symc > Welsoly Rese	× O Search Worky Base P
ridd riddrift		Organize • New folder	
Add Meeting Room		Links Name Date modified Type Webcdy Base Creation AT-MDF-200-TX 5/2/2017-415 MM Webcdy Base Dist Syse Hose-freet (Copy)Jean 5/2/2017-415 MM Webcdy Base Dist Syse Hose-freet (Copy)Jean 5/2/2017-215 MM Webcdy Base	Site 3741 41
Add Multiple Rooms	Import File?	Coubins Netroy, 22-2, 24 Netroy, 24 Netoy, 24 Netoy, 24 Netoy,	
Import Room		Documents Virtuation-5.122-115126-Win Sci2020771254.PM Application Maria Ficure Ficure Ficure	120,772 I No preview available.
Add New Floor	T	Video Video Note Trice Tr	
Edit Floor	Import and Uplead	Moreoft Office File name ficer - Res 1 (Copy).jpon	All Files Copen Cancel
Copy Floor			
Export Floor		Import completed	
Import Floor		Created 2 rows(s)	
Delete Floor			CLOSI
Reorder Rooms			

- 2. Select Import and Upload. A new window will open.
- 3. Select the file and press **Open**.



Delete

1. Select **Delete Floor** from the drop down list. A pop-up window will appear to confirm deletion.

Add Room Add Meeting Room Add Multiple Rooms	Confirm Are you sure you wish to delete this floor along with all rooms and technology mappings you entered?
Import Room	CANCEL SUBMIT
Add New Floor	
Edit Floor	
Copy Floor	
Export Floor	
Import Floor	
Delete Floor	
Reorder Roome	Deeme

Rooms

Once a building is created, the **View All Rooms** button can be pressed to go directly to the room and floors areas. One room will automatically be generated based on the type of building selected during creation.



NOTE: Any amount of rooms can be added to Velocity, but only the first rooms created up to the license amount will be active for control. **e.g.** If using AT-VGW-HW-3, only the first three rooms created will be controllable. The rest can be set up, but not controlled.

The rooms can be used, edited, imported, exported, reordered, or deleted based on preference.

Add / Edit

1. Press Edit (pencil) or Add Room from the drop down in the right corner. A new window will open. Edit or Add Room will open the same Room Modify screen.

	velocity	۵
🛎 Room Modify 🧕 🖉 🕷	es » A » Building 1 » Editing Room: Large Conference Room	
	*Name Large Conference Room	
	*Roon Type Conference Room (Large) -	
	*Burn Inege Conference Room Large 1	
	Veter Weter O Book maps O Laters maya	
	Acon etc. H1 H2 H3 H4 H5 H6 Bookquee UL CL	
	Bold Italia Lindorine Monopeon	
	SAVE CHANNES	
	Room Access Options Alow Accesses Room Access Link: http://192.106.0024/incom/Corrol/SOcial-Dac/1a456aa/11245ao To	
	QR Code Omeration	
	QR Code Security -	



- 2. Fill in all the base information
 - **Name** Usually the room number or name.
 - Room Type drop down menu- Select a room type within the list that best represents the room.
 - **Room image** drop down menu Select between images to represent the room. There are three image types: vector, stock, and custom image.
 - Room Info Provide extra information about the room.

 Vector Image Stock Image Custom Image 	Vector Image Stock Image Custom Image	Room Info: H1 H2 H3 H4 H5 H6 Blockquote UL OL Bold Italic Underline Monospace
	* UPLOAD OR DRAG	

RESET ROOM ACCESS	
QR Code Generation	
QR Code Security:	· · ·
	Secure Login
	Unsecure Room Access Link
	Unsecure Changing Room Access Link
QR Code Generation	
QR Code Security: Unse	cure Changing Room Access Link 🗸
	Timeout (min)
User Timeout / Link Generation T	

- **Reset Room Access** Removes all synced control panels from the room. The removed panels will have to be resynchronized to be able to control the room.
- **QR Code Security** Leave blank if a QR code for control is unneeded, or select between Secure Login, Unsecure Room Access Link, and Unsecure Changing Room Access Link.

Secure Login - Only users with a login and password will be able to access the control screen when this is selected.

Unsecure Room Access Link - Allows access to the control page to anyone on the same network that is able to scan the QR code.

Unsecure Changing Room Access Link - This creates a QR code that will time out after the specified time. The QR code will have to be rescanned after it has timed out.

Add Multiple Rooms

Multiple rooms can be added at one time.

1. Select Add Multiple Rooms from the drop down list on the top right. A new pop up will appear.





2. Fill in all the base information such as amount of rooms, a prefix to the name that will appear before the room number as they are created, the function of the room (Control, Meeting, or Control and Meeting), room type, and (if meeting or control and meeting is selected) Calendar.

Add Multiple Rooms	Add Multiple Rooms
*Total Number of Room	*Total Number of Room 15
Room Name Prefix	Room Name Prefix
*Type of Room Control and Meeting * * Room Type	A *Type of Room Control
Conference Room (Small) Calendar AT-Outlook ~	* Room Type Conference Room (Small)
CANCEL SUB:	CANCEL SUBMIT

3. Press the **Submit** button. Velocity will take anywhere from 30 second to five minutes to make rooms, depending on the amount being created. Once done the page will refresh.

Reorder

1. Press **Reorder Room** from the drop down in the right corner. A new window will open.

Add Room	≡ 🕄 Help~			velo	city				3
Add Meeting Room	QA1 > Building 1 > Floor 1								
Add Multiple Rooms	Symetrix Composer Biamp Tesira	QSYS Core BSS	Bose Control Space	ClearOne Converge Pro2	Old DBX New	v DBX dave relay	SR21 Pro3 1616	5 Ashly ne24.24M	
Import Room	QA1 > Building 2 > Floor 1								
Add New Floor	Entry Way Comp 1 Comp 2								
Edit Floor	QA1 > Building 2 > Floor 2								
Copy Floor	Con 1								
Export Floor	QA1 > Building 2 > Floor 3								
Import Floor	Lec 1								
Delete Floor	QA1 > Building 2 > Floor 4								
Reorder Rooms	Class 1 Class 2								

2. Select rooms and drag them to the wanted order. Rooms may only be reordered within the same floor.

QA1 > Building 1 > Floor 1	QA1 > Building 1 > Floor 1
Symetrix Composer Blamp Tesira QSYS Core BSS Bose Control Space	Symetrix Composer Biamp Tesira QSYS Core BSS
Symetrix Composer	QA1 > Building 2 > Floor 1
QA1 > Building 2 > Floor 1	
Entry Way Comp 1 Comp 2	Entry Way Comp 1 Comp 2
QA1 > Building 2 > Floor 2	QA1 > Building 2 > Floor 2
	Con 1
Con 1	
QA1 > Building 2 > Floor 3	QA1 > Building 2 > Floor 3
	Lec 1
Lec 1	
	QA1 > Building 2 > Floor 4
QA1 > Building 2 > Floor 4	Class 2 Class 1
Class 1 Class 2	Class 1



Advanced Settings

Once the basic information the room's control and UI changes can be adjusted from within the room technology page by selecting the 茸 button.



Control Settings

× Room Control O	ptions		8
Room Name:	Conference	×	
CONTR	🛠 🥝 XL SETTINGS	USER INTERFACE	
Automation			
Macros:			
Event Macros:			
Room Triggers:	Ŷ		
Variables:	\diamond		
Conditions:	۲		
Boot Macro:	Macro	c	

AUTOMATION

- **Macros** Program a command or group of commands, that shows as a button within the page control screen. See Macros.
- **Event Macros** Program a command or group of commands, that will be triggered by a room event or at a set time. See Event Macros.
- **Room Triggers** Programs a command or group of commands that will occur on a trigger event. See **Room Triggers**.
- Variables View the Variables section for information.
- **Conditions** Select to view and edit the current command conditions. View the **Conditions** section for more information.
- Boot Macro See the Boot Macro section for information.

	Volume Ramp Interval (ma) 200	
	Ø Dialpad Line Number	
•		
		- 200 - Ø Diajpad Line Number

AUDIO and DIALER SETTINGS

- Master Audio Device Select the room's main audio control device. Only devices that have been added to the room are available from the drop down menu.
- Volume Ramp Interval (ms) Select the amount of time (milliseconds) between a volume command being repeated when the button is held down.
- **Dialpad Device** Select the dialpad device from the drop down menu. Only devices that have been added to the room are available.
- Dialpad Line Number Set the line number the VoIP device will run on.

NOTE: Dialpad options will be used with DSPs and Codecs for making calls.

- Video Conference Device Select the video conference device from the drop down menu. Only devices that have been added to the room are available.
- Enable Audio Follow Video Set this to enable when using devices that have separate audio and video routing, to have the audio output follow the linked video output.
- **Enable Independent Audio Switching** Set this to enabled when using a device that has separate audio and video, to have the audio output route separately from the video.

Control Page Settings		
Room Group: +	Room Group None	
Default Synchronized Tablet Language		

CONTROL PAGE SETTINGS

Room Group - Select a room group to assign the room to. If no room groups have been added, select the plus button and it will redirect to the building modify page to allow room groups to be percent to be accessed from a single control page.

added. This allows for multiple room control screens to be accessed from a single control panel.

• **Default Synchronized Table Language** - Select the language to be displayed on the control tablet

Default Synchronized Tablet Language	English Spanish	*
^ᢕ Room On/Room Off	French German	
Room On Delay Timer:	Italian Swedish	÷



^{ပ္ပံ} Room On/Room Off		
Room On Delay Timer:	0 seconds	
Room Off Delay Timer:	0 seconds	
Room On & Off Command Interval:	Milliseconds 0	
Excluded On/Off Devices:		

ROOM ON/ROOM OFF

 Room On Delay Timer - Set the amount of time between when the room commands are sent and the control screens can be accessed. This allows for device warm up periods to complete before more commands are sent.

• **Room Off Delay Timer** - Set the amount of delay between when the ent and when the home screen can be accessed. This allows for a cool

Room Off commands are being sent and when the home screen can be accessed. This allows for a cool down period for all devices (such as a projector) before the Room On command can be sent.

- Room On & Off Command Interval Set the delay time between commands within the Room On and Room Off macros.
- Excluded On/Off Devices Select devices that will not be turned on/off when the Start Room, Room Off, and Room On buttons are selected.

Control Page Layout	
Enable Split Room 🔞	•
Enable Switching on Source Drag 😗	
Enable Light Button Toggle 😗	-
Enable Clock	-
Enable Touch Panel Mirroring 😢	

CONTROL PAGE LAYOUT

- Enable Split Room Select this slider to allow or disallow split rooms. View Split Rooms section for more information.
- **Enable Switching on Source Drag** When disabled, the source can be switched by clicking on the source icon or dragging and dropping the source on the display icon. When enabled, clicking a source will

not switch sources and only dragging and dropping the source icon onto the display icon will switching. Enable when using the remote control when not wanting to make a source change.

NOTE: This is used with single monitor control screens.

- Enable Light Button Toggle Select this slider to display or hide the light button on the control screen.
- Enable Clock Enable to display the time on the control screen. Disable to hide the clock.
- Enable Touch Panel Mirroring Enable this for rooms with multiple control screens to keep those screens in sync with each other.

Sumeric Passcode Locking	
Enable Passcode Locking	
Lock timeout (in seconds)	300
Valid Passcodes	
Passcode 1	

Numeric Passcode Locking

- **Enable Passcode Locking** Select this slider to enable control screen locking. New options will appear when selected. This will lock the control screen and require a passcode to unlock.
- Lock Timeout (In seconds) Sets the amount of time between the last control panel use and when the lock screen appears.
- Valid Passcodes Enter in the passcodes to be used to unlock the

the control panel. Multiple passcodes can be set per room if multiple users will be using the same control page (as with split rooms).

NOTE: If the passcode is left blank, press the green arrow button on the lock screen to unlock the room.

APPLY CHANGES (found at top right of menu)- Select this button to update the page will all the selected settings.

Õ Clock/Timers		
Enable Clock	0-	
On Idle Navigate To Page	0	
Ö Clock/Timers		
Enable Clock	12 Hour Format	
Clock Date Format	24 Hour Format	
On Idle Navigate To Page	•	
Time Idle In Seconds		
Page To Navigate To	Home	

Clock/Timers

- **Enable Clock** Select this slider to enable the clock to appear on the control screen.
- Clock Date Format Set the clock to show in a 12 hour format or 24 hour format on the control screen.
- On Idle Navigate to Page Enable to have the control screen navigate to a specific page when no input has been received on the touch panel for a set amount of time.
- Time Idle In Seconds Set how much time (in seconds) that it takes before the page navigates to the set idle page.
- Page To Navigate To Select the page the control screen will navigate to when no signal is received for the set time. Only previously created pages can be selected.



User Interface

× Room Control Options		8
Room Name:	Conference	×
CONTROL SETTINGS		C; USER INTERFACE
Text and outline color		
Fort and toor Color Background Settings background Image 1 Robal Gradeet background Image + Robal Gradeet background Image + Robal Gradeet background Fat Color Codeet Color Barro Color		More Reckground Settings Background Opacity

Show Home Page:							
Control Actions:							
Action Name		Home Screen		Custom Label:	Custom Icon:		
ROOM ON		\mathbf{r}			Default Icon		
ROOM OFF					Default Icon		
SCAN QR: Room Contr	ol			Room Control			
Control Pages:							
Page Name	Start Page	Home Screen	Can Navigate	Custom Label	Custom Icon		
/IDEO	۲		V		Default Icon		
MACROS	0				Default Icon		
DIALER	0				Default Icon		
/IDEO CONFERENCE	0				Default Icon		
(Clear Start Page)							
						+	

TEXT and OUTLINE COLOR

- Font and Icon Color Changes the outline color of the devices within the control screen and the labels underneath them.
- **Background** Change the background of the control screen between an image, a gradient, or a flat color. Default is a grey gradient screen.
- Background Opacity Set how solidly the back ground shows on the control screen. The lower the opacity, the higher visibility text and images have.
- **Gradient Color** Select a color for the center of the gradient.
- Base Color Select the color of the outside of the gradient.

HOME PAGE

- Show Home Page Select whether the control page will start on the home page or on the device control page.
- **Control Actions** Select whether the built in Room On and Room Off command buttons will appear on the home screen (box checked) or not (box unchecked).
- **Control Pages** Sets what displays on the home and control pages

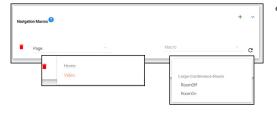
Start Page - Selects which page opens after the start room button is selected. This is only active if the Show Home Page slider is disabled.

Visible on Home Screen - Select which direct page selections are available from the home page.

Can Navigate - Selects which screens are visible within the Navigate menu.

Custom Label - Set a custom label for each button to display on the control/home pages.

lcons - Icons can be selected for the buttons in the drop down menu. If no icons fit the need, a custom one can be uploaded and selected from the Custom Icon drop down menu.



- Navigation Macros Use this to assign a macro to trigger when the indicated page is selected.
- a. Select the page from the drop down menu. Only already created pages will appear in the drop down menu.
- b. Select the Macro from the drop down. Only already created macros will appear in the drop down menu.
- c. Repeat for as many Navigation Macros needed.

Custom Pages

	Col Custom Pages		
	Show Room Title: Show Room Header Icons:		
E	BBBB		

- Show Room Title Show (selected green) or hide (deselected grey) the room name on the control page.
- Show Room Header Icons Display (selected green) or hide (deselected grey) the navigation icons on the top right of the control page. Only icons selected within the room options will appear on the control screen when enabled.



→Control Items Per I	age	
iources:	Sources	
	4	
Nsplays:	Displays	
noprayo.	4	
Aacros:	Macros	
	8	

CONTROL ITEMS PER PAGE

- **Sources** Select the max amount of sources to display per control page. Increasing the amount of sources displayed will make the icons smaller on the control screen.
- Displays Select the max amount of displays to show per control page. Increasing the amount of displays shown will make the icons smaller on the control screen.
- **Macros** Select the max amount of macro buttons to display per control page. Increasing the amount of Macros displayed will make the icons smaller on the control screen.



CONTROL PAGE HEADER CUSTOMIZATION

Enable or disable the control buttons to show the selected button in the room control screen header.

Custom Label - Set a custom label for each button to display on the control/home pages.

lcons - lcons can be selected for the buttons in the drop down menu. If no icons fit the need, a custom one can be uploaded and selected from the Custom lcon drop down menu.



Swap Display/Source Icon Locations:			
map erapaty source non cocarona.	-		
Enable Display Icons:			
Enable Display Labels:			
Show Disconnected When Server Goes Away:	•		
Enable Source Icons:			
Enable Source Labels:			
Enable Source Selection Icon on Display			
Enable Page Navigation on Conference Sources:			

Custom UI Selection		
Custom Web URL		

Custom Audio Labels		
	Alas	
aster Volume	Master Volume	
	Alias	
aster Volume Mute	Master Volume Mute	
	Alas	
icrophone 1 Gain	Microphone 1 Gain	
	Alias	
icrophone 1 Mute	Microphone 1 Mute	

CONTROL PAGE LAYOUT

- Swap Display/Source Icon Locations Use this slider to adjust whether displays will be on bottom (default) or top (enabled slider) of the room control page.
- Enable Icons/Labels Use the sliders to select whether source/ display icons or labels will show on the room control page.

CUSTOM UI SELECTION

 Custom Web URL - Use this drop down to link the current page to a custom made control page from within the Velocity Tools. View the Customized Control UI Setup Guide for set up instructions, downloadable from atlona.com

CUSTOM AUDIO LABELS

Use this section to customize labels of any volume slider currently selected for this room.

Macros, Event Macros, and Room Triggers

For more information on these sections, see the Macros & Conditions section.



Adding Technology

The room created will not be considered set up until at least 1 source and 1 display have been added and linked.



New technology can be added using either the large + in the center of the window or the + on the top right. Once pressed, a new menu will appear on the page.

×	Technology (All) All Step >> ABC >> Building 1	ia (⊷ 888		H 4	1 III 9 * (9 ¤ (≣	œ ,∖
Sear	ch Equipment	Search 💶	SEARCH	CLEAR	REQUEST DRIVER]	
10	All						~
$^{\rm dr}$	Audio						~
*	Climate Control						~
х	Control						~
	Displays						~
C19	Game						~
	Miscellaneous						*
Q	Lighting						~
0	Security						~
	Teleconference						~
18	Screens/Shades						~
80.00	Projectors						~
18	Sources						~
۲	Wideo Distribution						~
<->	Networked (Room Assigned)						~
<->	Networked (Unassigned)						~
cu	EAR UNASSIGNED SCAN NETWORK						
_							

The easiest way to set up a room is to add all devices first and then link them, as links will not appear as options for drop down menus until they have been added to a room.

×	Technology (All) All Sites >> ABC >> Building 1 >>			H .h	∎ Q	* 0	Ŧ	t≣ os	1
Searc	h Equipment	Search 🛑 Equipment	SEARCH	CLEAR	REQUES	DRIVER			
	All								~
di .	Audio								~
5	Climate Control								~
×	Control								~
	Displays								~
-	Game								~
	Miscellaneous								~
Q	Lighting								~
0	Security								~
	Teleconference								~
t≡	Screens/Shades								~
183	Projectors								~
	Sources								~
	Video Distribution								~
<>	Networked (Room Assigned)								~
<>	Networked (Unassigned)								~
CLE	AR UNASSIGNED SCAN NETWORK								
_									



Devices discovered through the mDNS autoscan will display under the unallocated list until added to a room. For devices without mDNS, Velocity will need to do a network scan to find them.

1. Press the Scan Network button.

Scan Network	Scan Network	L
Available Networks Select Network	Select Network	
Scan HTTPS ports	Custom Range	
Note: Enabling scan HTTPS ports will increase total scan time	eth0: 10.20.40.2/24	
	10.20.40.0/24	
	10.20.40.200 - 10.20.40.255	
	192.168.100.1 - 192.168.200.255	
	10.20.50.0/24	
CLOSE SCHEDULE SCAN SCAN NETWORK	192.168.100.1 - 192.168.200.1	
		N NETWORK

- 2. Select Custom Range (a new screen will take over) or the auto detected network eth0.
 - a. If the auto detected network eth0 is selected, press Scan Network to start the scan.
 - b. If Custom Range is selected, select between IP Range and Subnet Scan

Scan Network	Custom Network Scan						
Available Networks eth0: 10.20.40.2/24	Please enter the start and end IP addresses for scanning. Scan is inclusive of the start and end IP Addresses.						
Scan HTTPS ports Note: Enabling scan HTTPS ports will increase total scan time	 IP Range Subnet Scan 						
Identifying Equipment Please Wait	Start IP End IP (-)						
CLOSE SCAN NETWORK							

1. Type in the network range or subnet information.

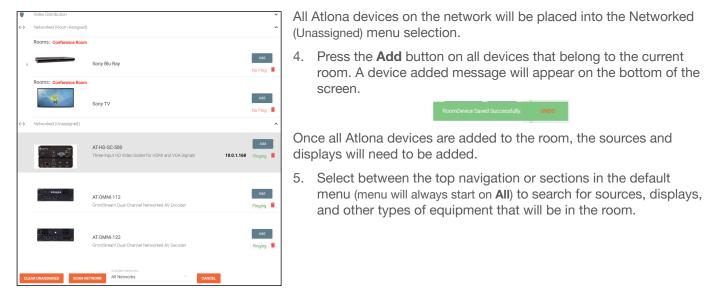
NOTE: It is recommended to keep the network range scan to under a 512 IP range. The larger the network range, the longer the scan will take. On subnet scan, Velocity/AMS will automatically limit the scan to 512 on subnet 23 or 256 on subnet 24.

Custom Network Scan	Custom Network Scan				
Please enter the start and end IP addresses for scanning. Scan is inclusive of the start and end IP Addresses.	Please enter the starting IP address for scanning. Scan will range through the full subnet (CIDR) displayed below.				
IP Range	O IP Range				
O Subnet Scan	Subnet Scan				
Start IP End IP 192.168.11.1 192.168.11.254 (192.168.11.1 - 192.168.11.254)	* IP Address Subnet 192.168.11.229 /24 ~ (192.168.11.0/24)				

- 2. Press the save icon next to IP field. A green CustomNetwork Saved Successfully message will appear at the bottom of the page when the custom scan settings are saved. CustomNetwork Saved Successfully.
- 3. Press the Submit button to start the scan. The pop up will close when the scan is completed.



Sites

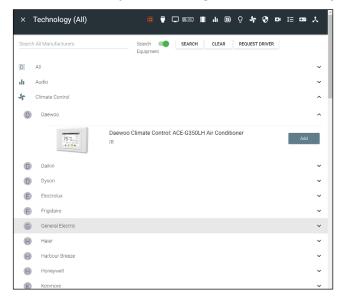


Each button along the top menu corresponds with the sections of the All menu.

			<u></u>										
All	Video Switchers	Displays	Projectors	Video Sources	Audio Systems	Misc/Aux	Lighting	Climate Control	Security	Teleconference	Screens/Shades	Video Games	RS232 & IR Interface

ឆ ≇ +

1. Find the device you are looking for in the menu or by using the search field.



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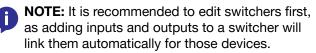
\$

*

- 2. Select **Add** on the device (recommended) to add the device to the room. A Room Device Saved Successfully message will appear in green at the bottom of the screen. If more devices are needed, complete adding those.
- When finished adding all devices, press the X in the top left corner next to Equipment Catalog to go to the main screen.
 - **NOTE:** If a device is not found in the directory, use the **REQUEST DRIVER** button in the top right to go to atlona.com's control driver request form. This is only available if the PC connected to Velocity is online and will take over the current window.

Once all devices have been added to the room, they can be linked to each other.

4. Press **Edit** on any of the devices in the room. A menu will appear on the left side of the window.

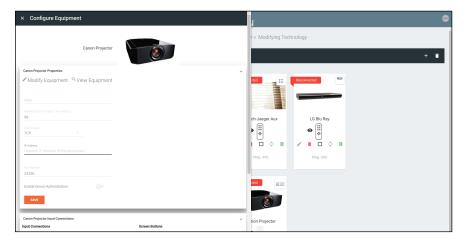


S ± Technolog



Sites

- 5. Select the control type of the device.
 - If TCP, then enter the IP of the device and port number
 - If RS-232, then enter the baud rate and type of connection.



Canon Projector Properties
Modify Equipment Q View Equipment
Alias
Ordering (0 for 1st spot, 1 for next etc) 99
Control Type RS232 T
Baud Rate
Parity None •
Data Bits 8 •
Stop Bits
R\$232 Connection
Enable Device Authentication
SAVE

6. Select the routing information for the device (if it is not already linked).

JHD-PI	RO3-44M Input Connections					~	1	1]]]]]
Input Conr	ections			Screen Buttons			L						
HDMI 1	Device	Output	Ordering 0	Alas Sony Blu Ray	- Show	~							
	Velocity Touch Panel 8	0 - OUTPUT			-		Ĺ	Input Connections					
HDMI 2	AT-UHD-PR03-44M	- HDBaseT 1	0	HDMI 2	Show	~		HDMI 1	HDMI 1 Sony Game				HDMI1 Sony Game 0 HDMI1 - Icon
	AT-UHD-PR03-44M	- HDBaseT 1	Ordering 0	Alias HDMI 3		-							
HDMI 3	AT-UHD-PR03-44M	- HDBaseT 3			Show		l	HDMI 2	Connection HDMI 2				HDMI 2 2 Extender HDMI
HDMI 4	AT-UHD-PR03-44M AT-UHD-PR03-44M	- HDBaseT 4 - HDMI 5	Ordering 0	Alias HDMI 4	Show							Show	Situa
SAVE	Sony Blu Ray	- OUTPUT			GIN								
SAVE	551,95181,859												

- **Show** Select the slider to toggle if the input device will display on the control device or not. Input devices that are not controlled, such as an Extender, can still be shown in the control window.
 - a. Create an Alias for the device (such as a product SKU or type)
 - b. Select the Show slider.
 - c. Choose an **Icon** or upload a custom icon.
 - d. Press the SAVE button.

Once all devices are set up and linked, the room is ready to be controlled.

NOTE: Atlona device settings must be changed through the device webGUI or AMS. See device user manual for instructions for login and device settings (such as network settings).



Device Groups

Velocity has the ability to group like devices together. Use the device groups to simultaneously control a set of devices, such as turning on all Sony TVs at a site.

i NOTE: Rooms and devices must be set up before starting to create device groups.

- 1. Select the \equiv button from the top left corner and select **Control**.
- 2. More options will appear. Select Device Groups. A new screen will open.
- 3. Select the + (add) button on the right side of the screen. A new screen will open.



- 4. Type in a group name that will provide an easy hint to what the group controls. e.g. Sony TVs
- 5. Select the manufacturer of the controlled devices. A new option will appear below the drop down menu once selected.

≡ Ω Help×	velocity Ø		
Device Group Add			Name
		0	Group 1
	Name	1	
	Manufacturer		All Manufacturers
	CREATE DEVICESROUP		Atlona
			Biamp
			Directv
			Global Cache
			Lg
		-	Sony
	•		Xfinity
Copyright 62018 Adona Inc (ado	one.com) All Rights Reserved. [Phone: +1 077.505.5076 (ULT off fixe) +1 403.92.555 (US) [International: +1 43.3508.4321 (Version: 1.4.3 - Active Gatemacy		

6. Select the equipment type from the drop down menu. New options will appear below the equipment type.

NOTE: Only the same equipment type will be grouped. If two different Sony TV types are on the list, only one may be selected and controlled.

Name	Name
Group 1	Group 1
Manufacturer Sony	Manufacturer Sony ~
Equipment Type	Sony TV
CREATE DEVICEGROUP	Sony TV (Non IR) CREATE DEVICEGROUP



- 7. Select the control type for the device commands to be sent as.
- 8. Choose the Select All check box or select individual devices from the drop down menu to be controlled.

Name		Name	
Group 1		Group 1	
Manufacturer		Manufacturer	
Sony	× .	Sony	Υ
Equipment Type		Equipment Type	
Sony TV (Non IR)	-	Sony TV (Non IR)	~
Control Type		Control Type	
TCP		TCP	~
Select All		Select All	
Grouped Devices (0)		Sony Left	
		Sony Right	
CREATE DEVICEGROUP		CREATE DEVICEGROUP	Sony Left
			Sony Right

9. Press the **CREATE DEVICEGROUP** button to save. The screen will return to the main Device Group page and display a green successful message at the bottom.

8	Help Y			velocity					•
D	evice Group Li	st							
	Showing All Device Gr	roups			+				
	Name	Total Devices	Manufacturer	Equipment Type	Last Change	Chang	jed By		
	Group 1	2	Sony	Sony TV (Non IR)	1 Second	A, A		/	
	Search By Any Field Visible	Q SEARCH				< 1	>		
				DeviceGroup Saved Successfully. UNDO					



Once a room has been set up, it can be controlled through either a web browser or a control device such as the Velocity Touch Pad (e.g. AT-VTP-800-BL).

NOTE: Instructions on syncing the Velocity Touch Pads can be found within the unit's Installation Guide.

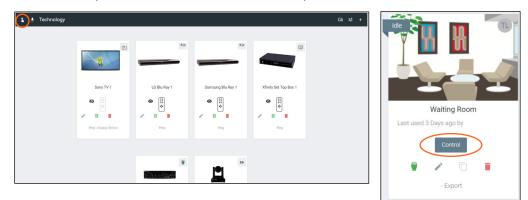


General Device Remote



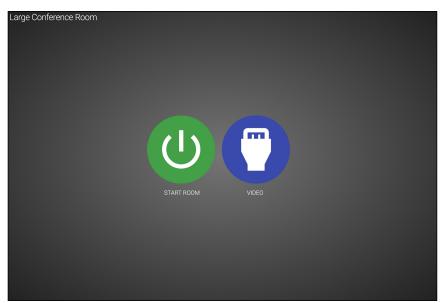
General

There are three places within the web browser to open the control screen:



- 1. Within the add technology page, after all devices have been set up and linked, press the S button on the top left bar.
- 2. Within the room list page, press the **Control** button located in the room box.

A new window will open.

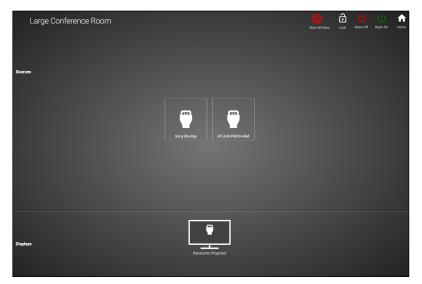


The icons showing on the control screen will appear the same across web browser and control touch pads.

3. Press the **START ROOM** button to send on commands to all the devices in the room (excluding any that were excluded during room set up) or press the **VIDEO** button to open the room and control all the devices manually.

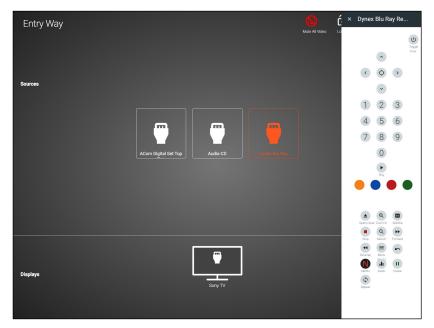
A new window will open.





On this screen, devices can be controlled by selecting (web browser) or touching (touch pads) the icons.

4. Click on the device to open the control field and switch inputs to that source.



Within this screen, all devices can be controlled and routed.



Device Remote

The control remote for each product may be adjusted, either in the equipment manager or within the technology page.

Modify Room All Sites » All Buildings » All Rooms » BBBB » Modifying Technology							
1 Technology - Al	I				≇ +		
	ATUHD-CLSO-612ED	ATH2H-44M C B F Ping-Info-Identify	Artel TV C Ping-Info	Sony Game Conv Game Conv Co			

1. Select the remote icon. A pop up will appear.

a. If the eye icon next to the remote has a slash and the remote is grey, press the eye (view) icon to show the remote. A remote can only be edited if it is set to show.

2. Select the OK button on the Information window to make the remote available for editing.

× Room Name H :		🔍 × Room Name Here 🔅
U [®] U [®] JI Sites		ڻ ک
	# G	+
	Information	
7 8 9 9		
	You are note opting into edit model of this remote. If you wink to load against this does not all the command double circls a buttors if and circls. The Buttorst if you wink to non-edit buttors of the normal circles of t	
srT 30 Sue dentify 0	Pro Pro	
SC S		
	Xfinity Set Top Box 1	

3. Press the : button in the corner to adjust remote button sizes (settings), add buttons, or revert the remote back to original settings.

5	Revert	5	Revert	5	Revert
+	Add	+	Add	+	Add
\$	Settings	۵	Settings	\$	Settings

a. Select **Settings** to adjust the size of the remote buttons. A pop up will open.

		Ċ
Remote Settings	Remote Settings	× ×
Remote Wath (*poet) 320 ~	5	$\overset{\times}{\overset{\times}} \diamond \overset{\times}{\overset{\times}} \rightarrow \overset{\times}{\overset{\times}}$
Remote Columns	4 3	~ ×
CLOSE SAVE	2	+ * + *

1. Set the pixel width for the remote. Do not set the width greater than the screen. VTP-800 is 962x601, so when using it horizontal the remote should not be greater than 601 pixels.

2. Select the number of columns from the drop down menu and press the SAVE button. The remote will update with the correct amount of columns, making the buttons bigger as it does.

Room Name Here



b. Select Add to create new buttons that are not part of the original remote. A new pop up window will appear.



NOTE: This is the same screen that will be seen for editing a current button. To edit a button already on the remote, double click the button to open the Button Builder window.

1. Select a command or macro from the drop down menu. If editing a current button, the command will already be selected.

			Button Builder			
			ON PRESS	ON RELEASE	BUTTON STYLE	
ON RELEASE	BUTTON STYLE		Choose a macro or command for on press button		Command Encoding ASCII •	* *
		*	Repeat Interval (milliseconds)			
		A				
		NGES	4			
		Delete	Command Details (Show)			Ŧ
		Delete			SAVE CH	HANGES
	ON RELEASE	ON RELEASE BUTTON STYLE	+ Vors Linite	ON RELEASE BUTTON STYLE ON RELEASE ON RELEASE BUTTON STYLE ON RELEASE Command Substrate Command Details (Show)	ON RELEASE BUTTON STYLE ON RELEASE BUTTON STYLE ON RELEASE On read of domained for all press bubbs Command BLOW FORWARD Regist trend (index order) Command Details (Show)	ON PRESA ON PR

- 2. Select between ASCII and HEX for the Command Encoding type.
- 3. *Optional* If the command needs repeating (such as volume up), type the time in milliseconds in the the Repeat Interval field.
- *Optional* Select the ON RELEASE tab for commands that require a follow up command. e.g. Pan tilt stop for any on press commands for pan tilt. The selected command will send once the button is released.

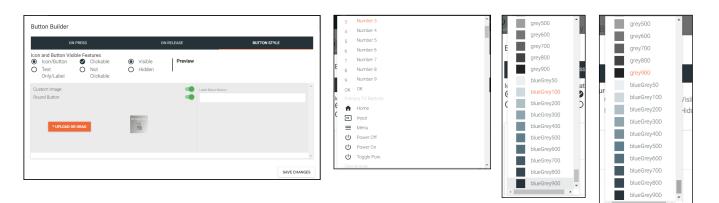
	ON PRESS	ON RELEASE	BUTTON STYLE
oose a macro or o	ommand for on release of button		·
None selected			Ŧ

5. Select the **BUTTON STYLE** tab to provide a custom look for the button.

	ON PRESS			ON	RELEASE	BUTTON STYLE
on and Button Icon/Buttor Text Only/Label		atures Clickable Not Clickable	~	Visible Hidden	Preview	
Custom Image * Button Icon/Text Other					•	Label Below Button
* Button Color blueGrey100		* Icon/Text Color On Butto grey900	n	Custom Text (I	Aax 5)	

- 6. Select the Icon and Button Visible Features. Once customization options are chosen, the button will preview to the right, if Visible is selected.
- 7. *Optional* Select the custom image slider to import a custom button background. Drag and drop the image into the upload or drag box or press the upload or drag button to browse the local computer for the custom button background.





- 8. Select from the button icon text drop down menu. The menu will have generic text and icons to choose from. Select other to provide custom text for the button.
- 9. Select the colors of the button and text.
- 10. *Optional* Type text into the Label Below Button field.

	ON PRESS				ON RELEASE	BUTTON STYLE
Con and Button Icon/Button Text Only/Label		atures Clickable Not Clickable) ()	Visible Hidden	Preview	Reanut
Custom Image * Button Icon/Text Freeze					Label Below Peanut	Button
* Button Color blueGrey500		* Icon/Text Color On I grey900				

11. Once all selections are made, press the save changes button. The button builder will close and the remote preview will update.

× Room Name Here :	Save Remote
ٽ× ڪ	Apply changes to remote?
×	
$\overset{\times}{} \diamond \overset{\times}{} \bullet \overset{\times}{}$	

- 12. Once all button changes are made, press the X (close) button on the top left corner of the remote preview. A new pop up window will appear.
- 13. Press submit to save all the changes and push them to the control page.



Device Drivers

Velocity has provided a database of device drivers that can be added to and customized.

Contents

General	54
Add	54
Edit	62
Delete	63
Custom Switcher	63
DSP	68
Variables	73



General

1. Press the \equiv button on the top right of the screen.

6	≡			velocity				
	Device Drivers	REQUEST DRIVER EXP	DRT EQUIPMENT LIST					
1 122	Showing All Equipm	lent		Search By Any Field Visit	le			
	Name	Model	Manufacturer	Category	Sub Category	Control Types		
a.com	ABC ABC	ABC	10moons	Displays	TV	SSH, IR, TCP, Telnet, RS	/ 0	
	Symetrix Jupiter	Jupiter-4-8-12	Symetrix	Audio	DSP	UDP	/ 0	
	Ashly Perna 4125 Amp	Pema-4125	Ashly	Audio	ReceiverPreamp	UDP	/ 0	
me	Extron 16x16 Switcher	1600	Extron	VideoDistribution	Switchers	Telnet, RS232	/ 0	
	Shure MXA310 Microph	MXA310	Shure	Audio	ReceiverPreamp	TCP	/ 0	
itrol >	Digital Projection	E-Vision Laser 10K	Digital Projection	Projectors		RS232, TCP	/ 0	
Rooms	Samsung TV (HLS Serie	HLS Series Only (Older	Samsung	Displays	CommercialTV	IR	/ 0	
50113	3D Optics Projector	Code Group 1	3d Optics	Projectors		IR	/ 0	
e Drivers	2Wire Set Top Box	Media Portal Satellite R.,	2wire	Sources	SetTopBox	IR	/ 0	
e Groups	2Wire Set Top Box	Satellite Receiver Code	2wire	Sources	SetTopBox	IR	16	
in analia				25 💌	-	< 1 >		
edulina >		Copyrie	ht @2020Ationa Inc (ationa.com). Al	Rights Reserved. Version: 2.1.ec22 A	tive Gateway			

- 2. Select **Control** from the menu. New options will open.
- 3. Select **Device Drivers**. A new screen will appear.

Add

If there is a device not in the database, new equipment can be added.

- 1. Press the + button on the bottom right of the screen. A pop-up will appear.
- 2. Select the purple **Add via Form** button for creating a new device and the blue **Import and Upload** button if creating a device based off a previously created device. A new window will appear or a browse folder will open.
- 3. Select the device off the local computer and press open, or fill in the device add form.

Import Via JSON? Or Add Via Form?	The second	



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VIDEO OUT AL							
ame							
				0-			
lanufacturer:				•			
me long							
pported Models							
lategory Is display projector	- Is vi	deo source					
tails short							
tails long							
tup Information	nt Catalon						
SAVE CHANGES	in controly						G
	Invitativer Invitativer Invitativer Invitativer Invitation Invitat	ine long	Invitative:	Invitative:	Invitative:	Invitative:	anulacuer:

a. INFO Tab

Name - Provide a name for the device.

Manufacturer - Add the manufacturer.

Name long - Provide extra information for a device.

Model - Provide the model name or number for the device.

Category - Choose the category that best fits the device, from a list of device types. Device slider

Is display / projector - Select this slider if the device is a display or projector

Is video source - Select this slider if the device is a video source

Details short - Type in extra device information (optional).

Details long - Type in extra device information (optional).

Setup Information - Provide details for set up and installation (optional).

INFO CONNECTIONS VIDEO IN	U III II I	
	Control Setup.	
	Show Audio Control Page	
	Show Preset Control Page	
	Show Trigger Control Page	Keep Alive Settings:
	Control Types CLEAR	Enable Command Based Keep Alive
	WEBSOOKET TEP 55H HTTP IR R5232	
	Default Command Thuttle	Keep Alive Command
	0 ms	Reep Aive ooninana
	Default Authentication:	Interval To Send (In Seconds)
	Upername	$\overline{\nabla}$
	Password	
	Keep Alive Settings:	SAVE CHANGES
	Event Actions:	
	On Connection Command	
	BAYE CHANGES	

b. CONNECTIONS Tab

Show Audio Control Page - Select the slider to show audio control options within the room control. **Show Preset Control Page** - Select the slider to show preset control options within the room control. **Show Trigger Control Page** - Select the slider to show trigger control options within the room control. **Control Types** - Select all the types of control the device accepts.

I NOTE: As control options are added, extra device setting fields will appear.

Authentication - Provide the username and password for the control options. Enable Command Based Keep Alive - Use the slider to enable/disable Velocity to keep the device's TCP port active. New options will appear when enabled.



Keep Alive Command - Provide the command to keep the device connection alive. The command will be found in the device's manual.

NOTE: To enter a carriage return as the keep alive command, \x0D must be entered.

NOTE: To enter a HEX command, \x must be entered before the command or it will not pass.

Interval To Send (In Seconds) - Set the amount of time between each time the Keep Alive Command is sent. Set from 0 to 360 seconds.

() INFO	UIDEO IN	VIDEO OUT	AUDIO IN	AUDIO OUT	IMAGES	COMMANDS	.lı DSP	VARIABLES	CER
		Video Inputs:							
						() H			
		Video inputs							
		Select all available input ANALOG RGB 1 P ANTENNA ANTENNA 1				^			
		ANTENNA A ANTENNA B ANYNET AUDIO INPUT							
		AUDIO INPUT AUDIO INPUT1 AUDIO INPUT2 AV							
		AV1 AV2 AV3							

c. VIDEO IN Tab

a **Pandult** company

Video inputs - This slider auto adjusts when inputs are selected. **Select all available inputs** - Select the checkbox of all input types that the device has.

Equip	ment Add	List » A	dd Record							
() INFO	CONNECTIONS	VIDEO IN	VIDEO OUT	LÎI AUDIO IN	AUDIO OUT	IMAGES	COMMANDS	ili DSP	V ariables	CERTIFY
			Video Outputs:							
			Has video outputs							
			Video outputs							
			SAVE CHANGES							

d. VIDEO OUT Tab

Has video outputs - Select this slider if the device has video outputs.

Video outputs - Type in all types of output ports the device has, separate each type with a comma e.g. HDMI, HDBaseT, DisplayPort

() INFO	CONNECTIONS	VIDEO IN	VIDEO OUT	ili Audio in	AUDIO OUT	IMAGES	COMMANDS	uli DSP	VARIABLES	CER
			Audio Inputs:							
			Audio inputs							
			Select all available inpu ANALOG RGB 11 ANTENNA				^			
			ANTENNA 1 ANTENNA A ANTENNA B							
			ANYNET							
			AUDIO INPUT1 AUDIO INPUT2 AV							
			AV 1 AV 2							
			AV 3				v			

e. AUDIO IN Tab

Has audio inputs - This slider auto adjusts when inputs are selected. **Select all available inputs** - Select the checkbox of all input types that the device has.



Equip	ment Add	List » A	dd Record							
() INFO		VIDEO IN	UIDEO OUT	II NI OIDUA	() Tuo oidua	IMAGES	COMMANDS	ı lı DSP	VARIABLES	CERTIFY
			Audio Outputs:							
			Has audio outputs							
			Audio outputs							
			SAVE CHANGES							

f. AUDIO OUT Tab

Has audio outputs - Select this slider if the device has audio outputs.

Audio outputs - Type in all types of output ports the device has, separate each type with a comma e.g. L / R, S/PDIF, MIC / LINE OUT

Equip	ment Add	List > A	dd Record							
O INFO	CONNECTIONS	VIDEO IN	VIDEO OUT	di Audio in	AUDIO CUT	MAGES	COMMUNES	ili DSP	VARIABLES	CERTIFY
			Device Images:							
			Image thumb							
			UPLOAD OR							
			Image							
			UPLOAD OR							
			OPCORD OR							
			SAVE CHANGES							

g. IMAGES Tab

Thumbnail - Upload a custom thumbnail that represents the device to show on the control screen. **Image** - Upload a custom image to show on the add technology page.

	× ۹									840	CONNECTIONS	VOED IN	VIDEO DUT	ALCIO IN	MOSO/I	MAGES .	CNMANES	112	VARIABLES
		VIDEO OUT	II AUDIO IN	AUDIO OUT	IMAGES	COMMANDS	ili DSP		CERTIFY		Commandiz ADD1 +	VIDEO REMOTE						1332 M	TDP
							-				Run On Connect Co		Comme	nd Speciae (TCP)		Input or Default Comm			s Actors
Comman	ands:										• B	WER ON						. =	• Solar
4501	VIDEO REMOTE										• B	WCR OFF					• NO.	. 18	Defete Conv
											0 • v	UME UP	Comma	nd Symax				. 18	+ 00000 + 0000
** Add o	I control type(s) on Connection	s tab. **									• v	LUME DOWN	Comma	nd Symax				- 10	• Detete • Geor
NEW 0	COMMAND Copy Comma	nds: None * To	io: None *	COPY			Protocol Termination:	none *			•	U.ME SET	Commu	nd Symax		Warne Bet		- 18	• Delete • Coox
											•	JTE ON	Commi			March		. =	Gelete Gooy
Driver St	SDK Editor:										0 1 H	/11.017	Commi	nd Symax				· 18	• Delete
DRIVE	VER EDITOR											ITE TODOLE	Corrers	end Systax		Mure Topple	+ 1010	. =	• Datata • Gatar
											NEW COMPLU	Copy Commende	Nove + No.	Nore + Of	DPV		7	hetocol Termination	1010 1
SAVE	E CHANGES										Dilver SDK Edito								
											DRIVERED TO	•							
											Checksore Aligo	(her)							

h. COMMANDS Tab

NOTE: Commands cannot be added unless control types have been selected on the **Connections** tab. Default command names will be displayed in the Commands tab once a control type has been selected.

Run On Connect Slider - Select this slider to have the command run when the device connects with Velocity.

Command Types - Select between control command formats: ASCII and Hex.

Video Remote - Press this button to open the control remote. The control remote will be the same one that appears on the room control page.

Command Information

Command Name - Provide a name for the command that explains what the command does in a quick word or phrase.

Command Syntax - Type in the command sequence (found in the device's manual).

Expected Response - Type in the command feedback (found in the device's manual).

Termination - Select the command termination: LF (line feed), CR (carriage return), CRLF (carriage return and line feed), None.

Parameters - Opens a pop-up window that displays the current parameters of the command.

Delete - Removes a command that is not needed.

NOTE: Parameters require the characters: %v to be added to see any parameters.

New command - Pressing this button will create a new command line to be filled in.



NEW COMMAND Copy Commands: None + To: None + COPY Protocol Termination:		•	COPY	Protocol Termination: none *		
Driver SDK Editor:						
DRIVER EDITOR						
Checksum Algorithm:						

Protocol Termination - Drop down selection that applies the same termination to all commands: CR, LF, CRLF, or none.

Clear Commands - Press this button to remove all the current commands from the page.

 $\textbf{Copy from TCP} \ \text{-} \ \text{Copies the command from TCP/IP over to RS-232}.$

Copy from RS - Copies the command from RS-232 over to TCP/IP.

Driver Editor - This button opens a new window to allow for programming a control driver.

I NOTE: This driver editor is for those with programming experience.

Checksum Algorithm - Use this slider to enable checksum on commands. New options will appear.

Note: To use a checksum, please enter %v selected algorithm you choose		ers and enable the checksum checkbox v	which will be replaced by the calculation of the	
Igorithm to Use: Um * Yte Size: - 8 Bits - 1 Byte * Header offset to start Checksum calculation SAVE CHANCES	None XOR Checksum OR Checksum Sum bits and Modulo Sum Sum and Use Low Byte Sum and Use High Byte CRC8 CRC8_CDMA2000 CRC8_CDMA2000 CRC8_DARC CRC8_DARC CRC8_DVB_S2 CRC8_EBU CRC8_LC0DE CRC8_TU CRC8_TU CRC8_TU CRC8_MAXIM	CRC8_ROHC CRC8_WCDMA CRC16_ARC CRC16_ARC CRC16_AUG_CCITT CRC16_BUYPASS CRC16_CCITT_FALSE CRC16_CCITT_FALSE CRC16_DDS_110 CRC16_DECT_R CRC16_DECT_R CRC16_DNP CRC16_DNP CRC16_ENIBUS CRC16_MXIM CRC16_MXIM CRC16_MCRF4XX	CRC16_MCRF4XX CRC16_RIELLO CRC16_TI0_DIF CRC16_TELEDISK CRC16_USB CRC16_USB CRC16_CRC_A CRC16_KERMIT CRC16_KERMIT CRC16_KERMIT CRC16_X_25 CRC16_X_25 CRC16_X_25 CRC16_XMODEM CRC32 CRC32_REVERSED CRC32_REVERSED	Byte Size: 1 - 8 Bits - 1 Byte 2 - 16 Bits - 2 Bytes 4 - 32 Bits - 3 Bytes 8 - 64 Bits - 4 Bytes

Algorithm to Use - Use the drop down menu to select the type of checksum algorithm the command. Byte Size - Select the size in bytes for the command to send.

Header offset - Set the amount of the command that is not part of the checksum. Default 0 will include the whole command.

For checksum to work, it must have a variable set to the command and checksum set in properties of the command.



- Type the command in hex value. Place %v where the checksum will replace the hex value.
- Select the Properties icon. A new window will pop up.
- Select the checkbox for Is Checksum.

Parameters			
	AA '	I1 FE 01 00 %v	
Swap Is Parameter Name	Data Type	Style	Values
			CLOSE SAVE CHANGES

• Select Save Changes and the command will be ready for use with checksum.



× Room Name 🤚 +		velocity:		۲
Power On Other	ify List » LG Blu Ray (Co	oy)		
	VIDEO IN VIDEO OUT	n lt ≪) ≣ Audoio Ni Audoio Outt Imaades Ct	B II MMANDS DSP	VARIABLES CERTIPY
•				
1 2 3	DEO REMOTE			
4 5 6	nand Name	Command Syntax (IR)	Input or Default Command	Actions
789	.ε	sendic111,1,38000,1,69,170,170,20,64,20,20,20,64,20,64,5	No Selection +	Delete Conv
0	0	sendir,1:1,1,38000,1,69,170,170,20,64,20,20,20,64,20,64,2	No Selection +	Relete Core
Dop Pay Pass	R	sends111,1,38000,1.69,170,170,20,64,20,20,20,64,20,64,2	No Selection •	Delette Conv
	IOR DOWN	sends,1:1,1,38000,1.69,170,170,20,64,20,20,20,64,20,64,5	No Selection +	• Refere • Garre
۹ =	IOR ENTER	sendir.1:1.1.38000.1.69.170.170.20.64.20.20.20.64.20.64.2	No Selection	• Delete • Cony
	IOR LEFT	sendir,11,1,38000,1,69,170,170,20,64,20,20,20,64,20,64,5	No Selection +	• Delete • Gooy
	SOR RIGHT	sendir.1:1.1.38000.1.69.170.170.20.64.20.20.20.64.20.64.2	No Selection •	Delete Gory
Hereiro Marco Marco Hereiro Marco Marco Toggie	SOR UP	sendi(1:1,1,38000,1,69,170,170,21,64,21,21,21,64,21,64,2	No Selection •	• Delete • Ganz
Core	0	sendit,1:1,1,38000,1,69,170,170,21,64,21,21,21,64,21,64,2	No Selection •	· Detere

Remote Control

The command remote control provides an interface for the room control page. Each button represents a command and can be altered or moved.

1. Select a button to open the button builder. The button builder will pop-up.

NOTE: The button builder will auto select the command of the chosen button, but any command can be selected from the drop down menu.

Button Builder		
ON PRESS	ON RELEASE	BUTTON STYLE
Choose a macro or command for on press button		* *
None selected		×
		v v
		SAVE CHANGES

2. Select a command or macro from the drop down menu. If editing a current button, the command will already be selected.

Button Builder			Button Builder		
ON PRESS	ON RELEASE	BUTTON STYLE	ON PRESS	ON RELEASE	BUTTON STYLE
Choose a macro or command for on press button None selected		• • •	Choose a macro or command for on press button Command: SLOW FORWARD	Ŧ	Command Encoding ASCII *
Non selected Command ANGLE Command AURIO Command CADRI Command CUSIOR ENTR Command CUSIOR ENTR Command CUSIOR ENT Command CUSIOR REHT Command CUSIOR REHT Command CUSIOR REHT Command CUSIOR REHT Command CUSIOR TO Command DIGIT 0		Notes Refer	Report Interna (Instancenda)		

3. Select between ASCII and HEX for the Command Encoding type.

4. *Optional* If the command needs repeating (such as volume up), type the time in milliseconds in the Repeat Interval field.

5. *Optional* Select the **ON RELEASE** tab for commands that require a follow up command. **e.g.** Pan tilt stop for any on press commands for pan tilt. The selected command will send once the button is released.

ON PRESS	ON RELEASE	BUTTON STYLE
ose a macro or command for on release of button		
lone selected		Ŧ

6. Select the BUTTON STYLE tab to provide a custom look for the button.



	ON PRESS			0	N RELI	EASE	BUTTON STYLE	
Con and Buttor Icon/Butto Text Only/Labe	in 🔮 🔿	atures Clickable Not Clickable) ()	Visible Hidden		Preview		
Custom Image							Label Below Button	
* Button Icon/Text Other								
* Button Color blueGrey100		* Icon/Text Color On Butto grey900		Custom Text	(Max S			

7. Select the Icon and Button Visible Features. Once customization options are chosen, the button will preview to the right, if Visible is selected.

8. *Optional* Select the custom image slider to import a custom button background. Drag and drop the image into the upload or drag box or press the upload or drag button to browse the local computer for the custom button background.

		01	RELEASE	BUTTON STYLE
on and Button Visible Fe Icon/Button © Text O Only/Label	Clickable	VisibleHidden	Preview	
Custom Image Round Button			Label Below But	on
		No Image Fauld		
* UPLOAD OR DRAG		r and a state of the state of t		

9. Select from the down menu. The text and icons to o to provide custom

- 10. Select the colo
- 11. *Optional* Type Button field.

rom the button icon text drop u. The menu will have generic ons to choose from. Select other custom text for the button. he colors of the button and text. al* Type text into the Label Below d.	a Number 3 4 Number 4 5 Number 5 6 Number 6 7 Number 7 8 Number 9 OK OK I Pummary TV Buttoms C Toppet I Power Off U Power Off U Toggle Pow. Descriptional •	grey500 grey600 grey600 grey700 grey900 grey900 grey900 grey900 blueGrey50 grey00 blueGrey100 grey00 blueGrey200 grey00 blueGrey50 grey00 blueGrey200 grey00 blueGrey500 grey00 blueGrey500 grey00 blueGrey500 grey600 blueGrey500 grey600 blueGrey500 grey600 blueGrey000 grey600	grey500 grey600 grey700 grey800 blueGrey50 blueGrey100 blueGrey200 blueGrey200 blueGrey300 blueGrey400 blueGrey500 blueGrey700 blueGrey900
Button Builder			
ON PRESS ON F	RELEASE BUTTON STYLE		
Icon and Button Visible Features ● Icon/Button ♥ Clickable ● Text ● Not ● Only/Label Clickable	Preview		
Custom Image *Buton kon/Text Freeze	Iden Below Button Peanut		
* Button Color * Icon/Text Color On Button blueGrev\$500 = qrev\$900 =			

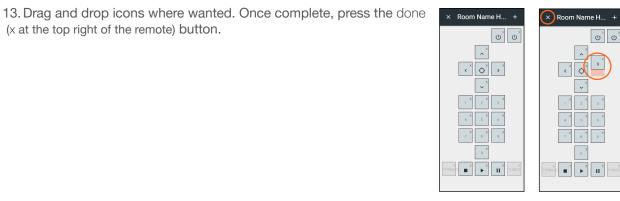
SAVE CHANGES

12. Once all selections are made, press the save changes button. The button builder will close and the remote preview will update.



(x at the top right of the remote) button.

Equipment



🛡 Equi	pment Add	List » Ad	d Record							
() INFO		VIDEO IN	VIDEO OUT	ili Audio in	↓) AUDIO OUT	IMAGES	COMMANDS	III DSP	VARIABLES	CERTIFY
	DSP Audio Channe	els:								
	Command	Channel Number (%	c) Control	Name Type		Maxiumum Value Incre	On ement By Release	Absolute Value? Display	/ Туре	
	ADD NEW DSP C	ONTROL								
	SAVE CHANGES									

i. DSP Tab

See DSP section.

Equip	ment Add	List » Ad	ld Record						
() INFO		VIDEO IN	VIDEO OUT	LII AUDIO IN	↓) AUDIO OUT	IMAGES	COMMANDS	ili DSP	CERTIFY
	Equipment Variables	ĸ							
	Variable Short Des	cription	Substitution Key	Defau	Default Value	Read Only		Long Description	
	ADD NEW VARIABL	LE							
	SAVE CHANGES								

j. VARIABLES Tab

See Variables section.

Equips	ment Add	List » Ac	ld Record							
() INFO		UIDEO IN	VIDEO OUT	LÎI AUDIO IN	AUDIO OUT	IMAGES	COMMANDS	di DSP	V ARIABLES	CERTIFY
			Driver Certification Info							
			Driver Author A A (A)							
			0.11.10							
			Certified By Driver Help URL							
			SAVE CHANGES							

k. CERTIFY Tab

Driver Author - Displays the name of the user that created the device and the site it was created on. Driver is Certified - Select this slider to verify the device driver has been tested and works. Certified By - Type in the name of the person that tested and verified the driver. Driver Help URL - If a help document was created for the device driver, place the link here.



Edit

	þ			velocitu	J.			
• [Device Drivers	REQUEST DRIVER	EXPORT EQUIPMENT LIST					î
	Showing All Equipm	nent		Search By Any Field	Visible			
	Name	Model	Manufacturer	Category	Sub Category	Control Types		
	ABC	ABC	10moons	Displays	TV	SSH, IR, TCP, Telnet, RS		^
	Symetrix Jupiter	Jupiter-4-8-12	Symetrix	Audio	DSP	UDP	/	

If a device is in the system but does not have everything exactly as need, it can be copied and edited.

NOTE: Devices in the Equipment List that were added by Atlona, must be copied before being edited. Atlona added devices cannot be altered.

- 1. Press the edit or copy (if an Atlona device needs to be edited) button next to the device control type. The device page will open. The device edit page and device add page use the same options.
- 2. Once all changes are made, press the save button.

≡ 🕄 Help×	velocity	
Equipment Add	List » Add Record	
	🖗 🗖 uli 👀 🖪 🗟 ili 🔏 🛩	
	Device Info:	
	*Name	
	* Manufacture:	
	Name long	
	*Model	
	Supported Models	
	Category S display projector Is video source	
	Details short	



Delete

≡	2			velocity			
	Device Drivers [@]	REQUEST DRIVER EXPO	RT EQUIPMENT LIST				Î
	1 Selected Item(s)					DELETE ALL T_ EXPORT SELECTED EQUIPMENT	
	Name	Model	Manufacturer	Category	Sub Category	Control Types	
	ABC	ABC	10moons	Displays	TV	SSH, IR, TCP, Telnet, RS	<u> </u>

If a user created device is no longer needed, it can be deleted from the database.

- 1. Find the device and select the check box next to the device.
- 2. Press the **Delete All** button.
- 3. Press the **SUBMIT** button to confirm the deletion.

Confirm		
Are you sure you wish to delete 1 equipmentCatalog?		
	CANCEL S	UBMIT

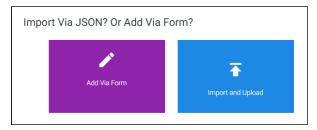
Custom Switcher

Velocity has the ability to create many types of equipment. Custom matrix switchers can easily be created through the equipment list.

1. Press the \equiv button on the top right of the screen.

					velocity				۵
	• Dev	ice Drivers ⁰	REQUEST DRIVER EXPO	RT EQUIPMENT LIST					
12	st	nowing All Equipmen	t		Search By Any Field Visible				
	Na	me	Model	Manufacturer	Category	Sub Category	Control Types		
AA _{a@a.com}	AB		ABC	10moons	Displays	TV	SSH, IR, TCP, Telnet, RS	/ 0) î
	Syr	metrix Jupiter	Jupiter-4-8-12	Symetrix	Audio	DSP	UDP	/ 0	
	Ast	hly Pema 4125 Amp	Pema-4125	Ashly	Audio	ReceiverPreamp	UDP	/ 0	
✿ Home	Ett	ron 16x16 Switcher	1600	Extron	VideoDistribution	Switchers	Telnet, RS232	/ 0	
	□ Sh	ure MXA310 Microph	MXA310	Shure	Audio	ReceiverPreamp	TCP	/ 0	
Control >	Dig	ital Projection	E-Vision Laser 10K	Digital Projection	Projectors		RS232, TCP	/ 0	
All Rooms	□ Sar	msung TV (HLS Serie	HLS Series Only (Older	Samsung	Displays	CommercialTV	IR	/ 0	
⊕ Air Rooms	0 30	Optics Projector	Code Group 1	3d Optics	Projectors		IR	/	
Device Drivers	□ 2W	fire Set Top Box	Media Portal Satellite R	2wire	Sources	SetTopBox	IR	/ 0	
Device Groups	- 20	ive Set Top Box	Satellite Receiver Code	2wire	Sources	SetTopBox	IR	16	
E berie oroups									A
🗐 Scheduling >			Copyrigh	t 62020Ationa Inc (ationa.com). All Righ	ts Reserved. Version: 2.1.ec22 Active	t Gateway			

- 2. Select **Control** from the menu. New options will open.
- 3. Select Device Drivers. A new screen will appear.



- 4. Press the + button on the bottom right of the screen. A pop-up will appear.
- 5. Select the purple Add via Form button to create a new device. A new screen will open.



≡ 🕄 Help∽				velociț	ير.				
Equipment Add	List » A	dd Record							Í
	VIDEO IN	VIDEO OUT	II AUDIO IN	● AUDIO OUT	IMAGES	COMMANDS	ili DSP	VARIABLES	CERTIFY
		Device Info :							
		* Name							
		Private Equipment On * Manufacturer:				•			
		Name long							
		* Model							
		Supported Models							
		* Category Is display projector		Is video source					
		Details short							

- 6. Provide a name for the device.
- 7. Select a manufacturer from the drop down list or press the orange + button to add a new manufacturer.
- 8. Enter the model number for the device.
- 9. Select Video Distribution from the category drop down menu. A new sub category drop down menu will appear.
- 10. Select either IP switchers or switchers from the menu.

Device Info :		
* Name		
Matrix		
Private Equipment C	only For This Account?	
* Manufacturer:	AABBCC	+
Name long		
* Model		
Switcher 123		
Supported Models		
* Category		
Video Distribution	~	
* Sub category Switchers	~	



- 11. Select **CONNECTIONS** from the top navigation.
- 12. Fill in the control information of the device.

() INFO	UIDEO IN		AUDIO IN	■) AUDIO OUT	IMAGES	COMMANDS	u li DSP	VARIABLES	CERTIFY
	VIDEO IN	Control Setup: Show Audio Control Pa Show Preset Control P Show Trigger Control F Control Types	age TCP 1 TCP 1 TCP 1	C 55H HTTP	IMAGES	COMMANDS	DSP		CERTIFY

- 13. Select **VIDEO IN** from the top navigation.
- 14. Select all the check boxes that correspond with the switcher input ports.

e Equip	oment Mo	odify	List » Matrix						
(j) INFO		UIDEO IN	UIDEO OUT	II AUDIO IN	●) AUDIO OUT	IMAGES	COMMANDS	II DSP	CERTIFY
			Video Inputs:						
							•		
			Video inputs						
			HDMI 1,HDMI 2,HD	MI 3,HDMI 4,HDI	VII 5,HDMI 6,HDMI 7	HDMI 8			
			Select all available in	puts:					
			HDMI 4 ALTER	NATE			*		
			HDMI 5						
			HDMI 5 (2010)						
			HDMI 5 (2011)						
			HDMI 5 ALTER	INATE					
			HDMI 7						
			HDMI 8						
			HDMI/PC						

- 15. Select **VIDEO OUT** from the top navigation.
- 16. Type in all the output ports, separating each with a comma.

(j) INFO	UIDEO IN	VIDEO OUT	AUDIO IN	AUDIO OUT	IMAGES	COMMANDS	D SP	VARIABLES	CERTIFY
		Video Outputs: Has video outputs							
		Video outputs VidOut1,VidOut2,Vi	idOut3,VidOut4						
		SAVE CHANGES							



- Image: Second and outputs
 Image: Second and outputs
 Image: Second and outputs

 Audio Inputs:
 Audio Inputs:
 Audio Inputs:
 Audio Inputs:

 Audio Inputs:
 Res audio Inputs:
 Audio Inputs:
 Audio Inputs:

 Audio Inputs:
 Res audio Inputs:
 Audio Inputs:
 Audio Inputs:

 Audio Inputs:
 Res audio Inputs:
 Audio Inputs:
 Audio Inputs:

 Audio Inputs:
 Audio Inputs:
 Audio Inputs:
 Audio Inputs:
- 17. Repeat steps 12 to 14 for AUDIO IN and AUDIO OUT if there is audio switching on the switcher.

- 18. Select Commands from the top navigation.
- 19. The basic input commands for the switcher will already be listed. Type in the corresponding commands found within the device manual.
- 20. Add in new commands as needed.
 - a. For automatic matrix input/output switching, a variable command can be used.
 - 1. With variables, if the command is x1AVx2 the variable will be x%iAVx%o to signify inputs (i) and outputs (o). Variables for audio will be the same. e.g. If the command is x1Ax2, the variable will be x%iAx%o.
 - 2. Once the variable is created, select the input type from the drop down. e.g. Switch A/V (1-n) for audio and video input/output matrix switching.
 - 3. *Optional* Delete the input commands. If the automatic switching functionality is being used, the individual input commands are not needed.

Video Input Switching)	x%iAV	x%0					Switch A/V (1-n)	Ŧ	CR	*)	D	elete
								?						
NEW COMMAND	Copy Commands:	None	•	To:	None	Ŧ	COPY			Proto	col Te	rmination:	none	•

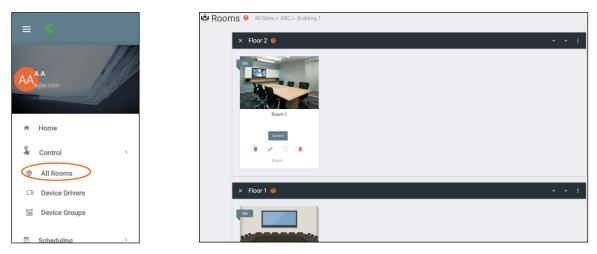
NOTE: 1-n is for matrix switchers with the command for input/output switching starting at 1. 0-n is for matrix switchers with the command for input/output switching starting at 0.

NOTE: To have independent audio or video switching, a variable command will need to be created for each. Use the Switch Audio (1-n)/(0-n) or Switch Video (1-n)/(0-n) variables.

21. Save the switcher.

Once the switcher has been saved, it can be added to a room and configured for access.

- 1. Select the \equiv button from the top left corner and select **Control**.
- 2. Select the All Rooms. A new screen will open.
- 3. Select the Edit Room Technology button on the room the switcher will be located.







- 4. Press the + button to open the Technology menu.
- 5. Search the device name or manufacturer to pull up the created switcher.
- 6. Press the **Add** button.

× 🤨 Technology (All)			III .lı 🗉	i Q 🛧 🗘	© 1≣ ©® 大
AABBCC	Search C	SEARCH	CLEAR	REQUEST DRIVER	
Matrix: Sv TCP, RS232	vitcher 123 , IR				Add

7. Select **EDIT** on the switcher.

× Configure Equipme	ent					A
		I	1 Shared Room Device(s) Matrix 1			Giu
Matrix Properties				/ Q ~		
Alias Matrix 1						•
Command Throttle 0	ms					
Control Type					Matrix 1	
SAVE					•	
Matrix Video Input Connections Video Input Connections (Matrix	: 1) 🤨		Screen Buttons	~	× ¢ 8	
HDMI 1 Connection All Sectio	Ordering Alias 0 HDMI 1	Show	lcon		Ping	
WDMI 2 Connection	Ordering Alise	Show				

- 8. Select the control type and enter the relevant information. e.g. For TCP control, enter the IP address.
- 9. Select the inputs and input options. If you would like to see the input, select the Show slider and select an icon.

No Icon
No Icon
Show
Blu-Ray

10. Select the output devices and audio devices (if applicable).

Video Outputs			
	Connection		
VidOut1	Sony Left	- HDMI 1	
	Connection		
VidOut2	Sony Left	- HDMI 2	
	Connection		
VidOut3	Sony Right	- HDMI 1	
	Connection		
VidOut4	Sony Right	- HDMI 2	



oom Name:	BBBB		×		
CONTROL SE		USER INTERFACE	- 1		60 幸 +
Automation					
Macros:					
Event Macros:					
Room Triggers:	Ŷ			Long Trill Long	
All Sections Audio Device None	- 200	ne Ramp Interval (ms)		•	
Left Section Audio Device None		me Ramp Interval (ms)	- 1	¢ 😫 🔳	
Right Section Audio Device None	- 200	ne Ramp Interval (ms)			
Dialpad Device		Disipad Line Number 1			
Video Conference Device					

If the switcher has independent audio switching, that option will need to be selected within the room options menu.

DSP

Velocity has provided a simple way to create a custom one-way DSP driver.

1. Press the \equiv button on the top right of the screen.

				velocity				•
	Device Drivers	REQUEST DRIVER EXF	ORT EQUIPMENT LIST					î
11/2	Showing All Equipm	nent		Search By Any Field Visit	łe			
	Name	Model	Manufacturer	Category	Sub Category	Control Types		
a@a.com	ABC	ABC	10moons	Displays	TV	SSH, IR, TCP, Telnet, RS	/	- A
	Symetrix Jupiter	Jupiter-4-8-12	Symetrix	Audio	DSP	UDP	/ 0	- 11
	Ashiy Pema 4125 Amp	Pema-4125	Ashly	Audio	ReceiverPreamp	UDP	/ 0	
	Extran 16x16 Switcher	1600	Extron	VideoDistribution	Switchers	Telnet, RS232	/	
	Shure MXA310 Microph	MKA310	Shure	Audio	ReceiverPreamp	TCP	/	
Gontrol >	Digital Projection	E-Vision Laser 10K	Digital Projection	Projectors		RS232, TCP	/	
All Rooms	Samsung TV (HLS Serie	HLS Series Only (Older	Samsung	Displays	CommercialTV	IR	/	
	30 Optics Projector	Code Group 1	3d Optics	Projectors		IR	/	
Device Drivers	2Wire Set Top Box	Media Portal Satellite R	2wire	Sources	SetTopBox	IR	/	
Device Groups	2Wire Set Top Box	Satellite Receiver Code	2wire	Sources	SetTopBox	IR	/ 6	_
					-	< 1 >		(+)
🖹 Schedulina >		Соруг	ight 62000Ationa Inc (ationa.com). A	ll Righta Reserved. Version: 2.1.1c22 🛛 🗛	tive Gateway			

- 2. Select **Control** from the menu. New options will open.
- 3. Select Device Drivers. A new screen will appear.



- 4. Press the + button on the bottom right of the screen. A pop-up will appear.
- 5. Select the purple Add via Form button to create a new device. A new screen will open.



≡ 🕄 Help∽	velocity						
Equipment Add	List » Add Record	^					
G 👗	♥ □ 1h ♥ ■ ® 1h 4 Werdo n vidoo out imades commandos dop variadeles	CERTIFY					
	Device Info :						
	*Nene						
	Private Equipment Only For This Account?						
	Name long						
	* Model Supported Models						
	* Category - Is display projector Is video source						

- 6. Provide a name for the device.
- 7. Select a manufacturer from the drop down list or press the orange + button to add a new manufacturer.
- 8. Enter the model number for the device.
- 9. Select Audio from the category drop down menu. A new sub category drop down menu will appear.
- 10. Select **DSP** from the drop down menu.
- 11. Select **CONNECTIONS** from the top navigation.
- 12. Fill in the control information of the device.

() INFO	() VIDEO IN		AUDIO IN	■) AUDIO OUT	IMAGES	COMMANDS	DSP	VARIABLES	CERTIFY
		Control Setup:							
		Show Audio Control Pa	ge						
		Show Preset Control P	age						
		Show Trigger Control F	age			•			
		Control Types		c	LEAR				
		WEBSOCKET	TCP S	ізн нттр	IR	RS232			
		TELNET U	DP						
		Default Command Throttle							
		0	m	s					
		Default Authentication							

- 13. Select AUDIO IN from the top navigation.
- 14. Select all the check boxes that correspond with the switcher input ports.

(j) INFO		UIDEO IN	UIDEO OUT	II AUDIO IN	↓) AUDIO OUT	IMAGES	COMMANDS	DSP	VARIABLES	CERTIFY
INFO	CONNECTIONS	VIDEO IN	Audio Inputs: Has audio inputs Audio inputs HDBASET1,HDMI 1, Select all available in ANTENNA B ANTENNA B	MIC,AUDIO INPL		IMAGES		DSP	VARIABLES	CERTIFY
			AUDIO INPUT AUDIO INPUT1							



- 15. Select AUDIO OUT from the top navigation.
- 16. Type in all the output ports, separating each with a comma.

() INFO	UIDEO IN		AUDIO IN	■) AUDIO OUT	IMAGES	COMMANDS	DSP	VARIABLES	CERTIFY
		Audio Outputs:							
		Has audio outputs							
		Audio outputs							
		Analog1,Analog2,Ar	alog3,S/PDIF1,S	S/PDIF2					
		SAVE CHANGES							

17. Repeat steps 12 to 14 for VIDEO IN and VIDEO OUT if there are any video ports on the DSP.

	CERTIFY	VARIABLES	di DSP	COMMANDS	IMAGES	•O AUDIO OUT	i li Audio in	VIDEO OUT	VIDEO IN	() INFO
								Video Inputs:		
0								Video inputs		
INF					HDML8	II 5,HDMI 6,HDMI 7,		HDMI 1,HDMI 2,HDP		
								Select all available inp HDMI 4 ALTER		
								HDMI 5		
								HDMI 5 (2010)		
							IATE	HDMI 5 ALTERI		
								HDMI 7		
								HDML8		

(i) INFO	VIDEO IN	VIDEO OUT	II AUDIO IN	AUDIO OUT	IMAGES	COMMANDS	.li DSP	V ARIABLES	CERTIFY
		Video Outputs:							
		Has video outputs				-			
		Video outputs VidOut1,VidOut2,V	idOut3,VidOut4						
		SAVE CHANGES							

- 18. Select **Commands** from the top navigation.
- 19. The basic input commands for the DSP will already be listed. Type in the corresponding commands found within the device manual.

NOTE: DSP variables can be used in the commands using the %c for channel and %v for volume level and mute variable commands.

ن NFO	CONNECTIONS	VIDEO IN	VIDEO OUT	ili Ni oldua	NUDIO OUT	IMAGES		E MANDS	uli DSP	VARIABLES
	Commands:									
	ASCI *	VIDEO REMOTE								TCP
	Command Nam	e	Comma	nd Syntax (TCP)		Input or Default Command		Termination	Paramet	ers Delete
	POWER ON		Comma	and Syntax		Power On	*	none	. III	Delete
	POWER OFF		Comma	and Syntax		Power Off		none	. i=	Delete
	VOLUME UP		Comme	and Syntax		Volume Up	×	none	. ≔	Delete
	VOLUME DOWN	4	Comma	and Syntax		Volume Down	*	1002	- i=	Delete
	VOLUME SET		Comma	and Syntax		Volume Set	*	none	. =	Delete
	MUTE ON		Comme	and Syntax		Mute On		none	- i=	Delete
	MUTE OFF		Comme	and Syntax		Mute Off		none	. =	Delete
	MUTE TOGGLE		Comma	and Syntax		Mute Toggle		10012	. :=	Delete

Command Name	Command Syntax (TCP)	Input or Default Command	Termination	Parameters	Delete
POWER ON	Command Syntax	Power On *	none 💌	i≡	Delete
POWER OFF	Command Syntax	Power Off *	none •	i≡	Delete
VOLUME UP	Command Syntax	Volume Up *	none •	i≡	Delete
VOLUME DOWN	Command Syntax	Volume Down *	none •	i≡	Delete
VOLUME SET	Command Syntax	Volume Set *	none 🔻	i≡	Delete
MUTE ON	Command Syntax	Mute On ·	none 💌	i≡	Delete
MUTE OFF	Command Syntax	Mute Off •	none *	i≡	Delete
MUTE TOGGLE	VMUTE%c %v	Mute Toggle 🔹	none •	i≡	Delete
VOLUME ADJUST	VOUT%c %v	No Selection *	none •	i≡	Delete
NEW COMMAND Copy Commands:	None * To: None * COPY		Protocol Te	ermination: no	ne 🔻

To create a volume level variable command, the %c will replace the channel number and the %v will replace the level.

If the command to change volume level is VOUT2 34, the variable command would be VOUT%c %v. %v will have the full range of the volume, not just 34, once set up.

To create a mute variable command, the %c will replace the channel number and the %v will replace the mute value. If the commands to mute or unmute the channel is VMUTE2 ON or VMUTE2 OFF, the variable command will be VMUTE%c %v. Once set up, the %v will act as ON and OFF.



NOTE: When creating variable command for volume levels and mutes, one must be created for every channel the DSP has.



Equipment

20. Once the volume level and mute variable commands have been created, select **DSP** from the top navigation.



- 21. Press the **ADD NEW DSP CONTROL** button. New fields will appear for each variable command already created. **e.g.** One field for mute and one for volume.
- 22. Select and fill each command with the correct information.



Command Variables

Command - Select the previously created volume or mute command.

Channel Number - Select the value of %c for this command. Channel number will vary by device.

Control Name - Provide a name to make command selection within the room easier.

Type - Select between the drop down options: Gain Control (Integer), Gain Control (Float), and Mute/On/Off. **Minimum and Maximum Value** - This will vary based on type of command and unit values. (Mute commands should come from the device manual)

Increment By - Select the value the volume level will increase/decrease by when the volume button is pressed. **Lead 0s** - Set the number of 0s at the beggining of the integer for devices that require multiple 0s to work. **On Release** - Sets the command to only send when the button is released.

Absolute Value? - Sets the variable so that negative numbers are possible to use. Only possitive numbers are available if this is disabled.

Display Type - The value will appear when adjusting Volume in the control screen. Options: Decibels (dB), Percentage of Range, and None.

e.g.

Command: Mute Toggle Channel Number: 0 Control Name: Master Mute Type: Mute/On/Off Minimum Value: OFF Maximum Value: ON Command: Volume Adjust Channel Number: 0 Control Name: Master Volume Type: Gain Control (Integer) Minimum Value: -60 Maximum Value: 15 Increment By: 1 Display Type: Decibels

23. Repeat steps 20 and 21 until all channel commands are created.

24. Save the DSP.

Once the DSP has been saved, it can be added to a room and configured for access. Once the switcher has been saved, it can be added to a room and configured for access.

- 1. Select the \equiv button from the top left corner and select **Control**.
- 2. Select the All Rooms. A new screen will open.
- 3. Select the Edit Room Technology button on the room the switcher will be located.





Equipment



- 4. Press the + button to open the Technology menu.
- 5. Search the device name or manufacturer to pull up the created DSP.
- 6. Press the **Add** button.

× 9	Technology (All)			ili 🖩	 Q %	•	e k ()	≡ =∞	¥	
AABBC	g	Search 🦛 Equipment	SEARCH	CLEAR	REQUEST DR	IVER				
	Same 1	Matrix: Switcher 123 TCP, RS232, IR					I	Add		+ 幸 の
		AABBCC: DSP: DSP TCP					I	Add		6
CLEAR	R UNASSIGNED SCAN	NETWORK								

7. Select EDIT on the DSP.

لا	× Configure Equipment	
	and a state of the	1 Shared Room Device(s) DSP 1
	DSP Properties	1 Q v
DSP 1	Allas DSP 1	
•	Command Throttle 0 ms	
	Control Type TCP ~	
🖍 🗘 😫 🔳	IP Address	
Ping	Redundant IP Address	
	Port Number	
	Enable Device Authentication	
	Audio Controls 🥹	~

- 8. Select the control type and enter the relevant information. e.g. For TCP control, enter the IP address.
- 9. Assign room commands to the controls set up during device creation.
 - **NOTE:** Master Volume Mute and Master Volume commands must be set up or audio control will not work correctly within the control screen.

ontrols:							
Control Id	Control Name	Component Name	Туре	Min	Max	Size	Val
1. c829e1e0df598c63b5229e7 Room Control Id	Master Mute	Audio	Boolean				
Unassigned -							
2. 26041979c71dee17c85aefc0) Master Volume	Audio	Integer	-60	15	1	
Room Control Id			\bigcirc				
Unassigned -			\bigcirc				

ontrols: Control Id	Control Name	Component Name	Туре	Min	Max	Size	Va
1. c829e1e0df598c63b5229e7c Room Control Id		Audio	Boolean	wiiii	max	5126	va
Master Volume M 👻							
2. 26041979c71dee17c85aefc0	Master Volume	Audio	Integer	-60	15	1	
Room Control Id			\bigcirc				
Master Volume			\bigcirc				

10. Finish selecting device options and press **SAVE**. The DSP is set up and ready to use.



Variables

Custom device variables have been added to the equipment editor for easy modification of commands. These variables are best used when a device ID or MAC address are needed before a command.

1. Press the \equiv button on the top right of the screen.

=	Device Drive	PTS [®] request oriver exp	ORT EQUIPMENT LIST	velocity				
	Showing All Equ	uipment		Search By Any Field Vis	ble			
	Name	Model	Manufacturer	Category	Sub Category	Control Types		
	ABC ABC	ABC	10moons	Displays	TV	SSH, IR, TCP, Telnet, RS	/ 0	Â
	Symetrix Jupiter	Jupiter-4-8-12	Symetrix	Audio	DSP	UDP	/ 0	
	Ashly Perna 4125 Am	p Pema-4125	Ashly	Audio	ReceiverPreamp	UDP	/ 0	
♠ Home	Extron 16x16 Switche	r 1600	Extron	VideoDistribution	Switchers	Telnet, RS232	/ 0	
	Shure MXA310 Micro	ph MXA310	Shure	Audio	ReceiverPreamp	TCP	/ 0	
Control >	Digital Projection	E-Vision Laser 10K	Digital Projection	Projectors		RS232, TCP	/ 0	
All Rooms	Samsung TV (HLS Se	rie HLS Series Only (Older	Samsung	Displays	CommercialTV	IR	/ 0	
	30 Optics Projector	Code Group 1	3d Optics	Projectors		IR	/ 0	
Lo Device Drivers	2Wire Set Top Box	Media Portal Satellite R	2wire	Sources	SetTopBox	IR	/	
Device Groups	2Wire Set Too Box	Satellite Receiver Code	2wire	Sources	SetTopBox	IR	/ 6	
F								+
🖞 Scheduling >		Соругі	yht 6/2020Ationa inc (ationa.com). A	ll Rights Reserved. Version: 2.1.s:22 - 4	Active Gateway			_

- 2. Select **Control** from the menu. New options will open.
- 3. Select Device Drivers. A new screen will appear.
- 4. Select either add, edit, or duplicate to open an equipment driver.
- 5. Go to the **VARIABLES** tab. If this is a new driver, follow the steps for the previous tabs in the Add section before creating variables.

Equip	ment Add	List » Ado	l Record							
() INFO		UIDEO IN	VIDEO OUT	ili Audio in	● TUO OIDUA	IMAGES	COMMANDS	II DSP	VARIABLES	CERTIFY
	Equipment Variables	x								
	Variable Short Des	cription S	Substitution Key	Defaul	It Value	Read Only		Long Description		
	ADD NEW VARIABL	LE								
	SAVE CHANGES									

6. Select ADD NEW VARIABLE

Variable Short Description - Provide a descriptor for the variable command. e.g. Mac Address **Substitution Key** - Provide a key that will be replaced by the variable value. e.g. %M



NOTE: The % symbol at the start of the substitution key provides a clear start for the system to view the variable command, as it is not common to regular commands.

NOTE: Variables %i, %o, %c, and %v have already been provided within velocity for input, output, and macro options. When creating a new variable, i, o, c, and v cannot be used as a substitution key.

Default Value - Optional value that a command will default to when no other variable value is provided. **Read Only** - Future feature.

Long Description - Provide extra information about the variable.

Delete - Select this to remove unneeded variables.

() INFO		VIDEO IN	UIDEO OUT	ili Audio in	الله Audio Out	IMAGES	E COMMANDS	ili DSP	VARIABLES	CERTIFY
	Equipment Variable	s:								
	Variable Short Des	scription	Substitution Key	Defau	It Value	Read Only		Long Description		
	Variable Short Descripti Mac Address	ion	Substitution Key %M	Defau	It Value			Long Description	Delete	
	ADD NEW VARIAB	LE								
	SAVE CHANGES									

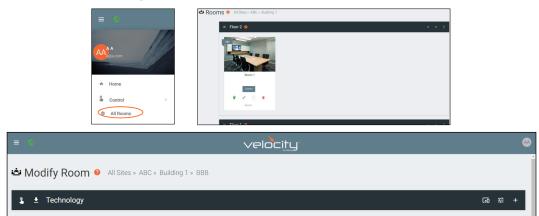


- 7. Select the COMMANDS tab from the top navigation.
- 8. Enter the variable into the command. e.g. %MPWON would send the variable before the power on command.
- 9. Save the device.

(j) INFO		VIDEO IN	VIDEO OUT	II AUDIO IN	■ AUDIO OUT	IMAGES	COMMAN		lı SP	VARIABLES	CERTIFY
	Commands:										
	ASCII 🔹	VIDEO REMOTE						IR	RS232	TCP	
	Command Name		Comm	and Syntax (TCP)		Input or Default C	command .	Termination	Parameters	Delete	
	POWER ON		%MPW	ON		Power On	•	none 💌	i≡	<u>Delete</u>	

Once the device has been saved, it can be added to a room and the variable configured.

- 1. Select the \equiv button from the top left corner and select **Control**.
- 2. Select the All Rooms. A new screen will open.
- 3. Select the Edit Room Technology button on the room the switcher will be located.



- 4. Press the + button to open the Technology menu.
- 5. Search the device name or manufacturer to pull up the created switcher.
- 6. Press the Add button.

× 🤨 Technology (All)	III 🖗 🖵 📼 🕅 III III 🤉 🛠 😯 🛤 🏣 🚥 🙏
AABBCC	Search SEARCH CLEAR REQUEST DRIVER
a start	Matrix: Switcher 123 TCP, RS232, IR Add

7. Select EDIT on the switcher.

× Configure Equipmer	nt			A	
		1 Shared Room Device(s) Matrix 1			GD 로 +
Matrix Properties			/ Q ~		
Alias Matrix 1 Command Throttle 0	ms				



Ĭ

- 8. Scroll down to the Equipment Variables section.
- 9. Enter in the value for the variable.

Equipment Variables	~	Equipment Variables	~
MAC Address	Current Value:	MAC Address ABC123	Current Value:
SAVE		SAVE	

NOTE: The variable will send every time a command with that variable is sent. The position of the variable will be determined by the placement within the command. e.g. %MPWON will send ABC123PWON and PWON%M will send PWONABC123.



Room Problems Report

Velocity has added the ability to send email reports or alerts by email for device connection status. This will provide a look at what devices are connected, which have disconnected, and times of when Velocity lost communication.

- 1. Press the \equiv button on the top right of the screen.
- 2. Select Management from the menu.
- 3. Select Reports from the options that becomes available. A new window will appear.

≡	6			8								
190			🖕 Room Problem Report [®]									
AA	A A a@a.com	Ŋġ	Connection Summary Reporte Realtime Connection Alertse									
			Email (CSV) To Notify Top of Day Email (CSV) To Notify Document Byenhold (seet) Convect Byenhold (seet) Convect Byenhold (seet)									
•	Home		Enable/Disable Realtime Notifications and View Overall Room Connected Status									
3	Control >		QA3 > Building 1 > Floor 1									
			OKIMULE CISCO SX/20 CE Sony VC PSI2 824 ClearOne Converge Pro2 Klark Technic SV/510 Sliders q.D. Lyting Phoenix NEC DBX Lution VCC									
Ē	Scheduling >		Exerum N11666 Piro3 Somfy Bend No Displayswitch bose Pandult PDU Om+222 VCC-Reay Stot Tesina Custom RX21 ClearOne Collaborate Zoon Wat	ttbox								
4	Management >		VAM.MTX CLS0.401 Tri-Divisible Room UMarcal OME-MS42 DISP-CTRL CLS0.612									
			QA3 > Building 2 > Floor 1									
8	AMS Device Manager		Entry Way Conference									
	Reports		Copyright 60019 Allone Inc Jakons com), All Rights Resourced. J Prone. +1 877:555.3976 (US Told Ree) +1.408.952.0515 (US) International +41.43.508.4521 (Version: 1.6.3 Active Gateway									

- 4. Enter the email address, that reports and/or alerts will be sent to, into the **Email (CSV) To Notify** field(s). Email must be enabled within Server Settings for this feature to work.
- 5. Select when the Report / Alerts will be sent.

a. Report - Select between Top of Hour and Top of Day, this will determine how many reports per day that will be received: 1 or 24.

	٢
ம் Room Problem Report [®]	
Connection Summary Report Realtime Connection Ale	ertso
And Edit Shalls The Shall Shal	Convect Bound (sec)
Description Description Ref. Ref. Ref. Description Ref. Ref. Description Ref. Ref. Description Ref. Ref. Description Ref. Ref. Processing Ref.	NEC DBX Lawn VCC RX21 Devrdre Deleterer Zoon Watthan
War MYR CL3DeRT The Deblack Hourn Galaceal Only MiSE2 Digit CTINL GL3DeB12 Gala - Building 2 - Mourt The Deblack Hourn Galaceal Only MiSE2 Digit CTINL GL3DeB12 There young Contemport Enterprint Enterprint Enterprint Enterprint Enterprint	
Copyright 60019 Adona inc Judona.com). All Rights Boarned: I Frome +1 677-556 3076 (bid Tell Head) +1 +06 902 5515 (bid) Immunitional: +11 41 508-8211 (iversion: 1.6.3.3). ADD	ve Gateway

b. Alerts - Set the amount of time from disconnect or reconnect that an Alert will be received. This is done in seconds and by default will be set to 60.

Cisco Telepresence CE Firmware 1 - 10.20.100.89:22 has Reconnected on gateway: 03000200-000004	Cisco Telepresence CE Firmware 1 - 10.20.100.89:22 is Disconnected on gateway: 03000200-000004 support@atlona.com
5 To • AA Wed 11/20/2019 10:49 AM	Ved 11/20/2019 10:49 AM
If there are problems with how this message is displayed, click here to view it in a web browser.	() If there are problems with how this message is displayed, click here to view it in a web browser.
Cisco Telepresence CE Firmware 1 - 10.20.100.89:22 has Reconnected on gateway: 03000200-0400-0500-0006- b898b0058132 (QA3)	Cisco Telepresence CE Firmware 1 - 10.20.100.89:22 is Disconnected on gateway: 03000200-0400-0500-0006- b898b0058132 (QA3)
The device Cisco Telepresence CE Firmware 1 - 10.20.100.89:22 has re-established communication for the following rooms:	The device Gisco Telepresence CE Firmware 1 - 10.20.100.89:22 has disconnected communication for the following rooms: 0A3 > Building 1 > Floor 1 > Cisco SK-20 CE
-QA3 > Building 1 > Floor 1 > Cisco SX-20 CE -QA3 > Building 1 > Floor 1 > UMich CUI	-QA3 > Building 1 > Floor 1 > UMich CUI

Reports and Alerts can be set to only send specific devices, these must be selected and deselected individually.

1. Select the room name from the Enable/Disable section. Once selected more options will appear below.



Room Problems Report

🛎 Room Problem Report [®]	
Connection Summary Reporte	Realtime Connection Alerts@
Email (CSV) To Notly Time To Run a⊚a com Top of Hour ~	Email (CSV) To Hotly Disconnect Connect a@a.com Bonnaid (sec)
Enable/Disable Realtime Notifications and View Overall Room Connected Status	
QAMALAB Cisco SK-20 CE swy VC Psiz 824 ClearOne Converge Pro2 Klark Technic	SW510 Sliders ccc Lytring Proven. NEC DBX Lutron VCC
Exercise NetCode Pero3 SomMy Being No Discrete wetch bose Painduit FDU Onver222 YAM MTX CLSO-601 The Divisible Room UMm CU OME-MS42 DISP-CTRL CLSO-612	VCC-Integ S21 Tesira Tesira Custom RX21 CrearOw Cotabourie Zoom Wattbox
Modify Room Technology 10 20.100 89 (Cisco Telepresence CE Firmware 1): Use Connected as Metric For Email	
10.20.100.60 (AT-UHD-SW-510W 1): Use Connected as Metric For Email 10.20.100.162 (AT-GAIN-120 1): Use Connected as Metric For Email	
10.20.100 (Shure MX4910 Microphone 1): Use Connected as Metric For Email	
QA3 > Building 2 > Floor 1	
	Antise Colores (2011) Internet and a construction of a construction of a construction

- 2. Select or deselect the check box next to the connected devices. Deselecting the checkbox means no alerts will be sent for that individual connection.
- 3. Repeat steps 2 and 3 until all devices are set as needed.

Reports and Alerts are not set up and will start sending at the selected times.



Split Rooms

Velocity has the ability to switch between open and split rooms, providing an easy solution to create two rooms out of one when needed.

Contents

Set Up Control Devices Macros 79 81

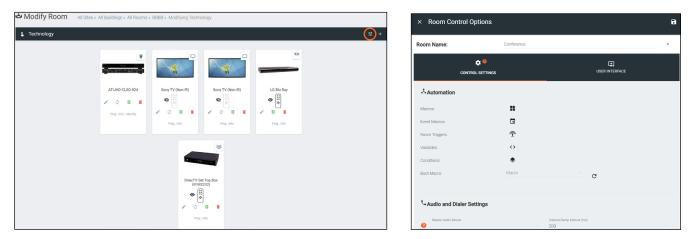
83



Set Up

To create a split room, there must be at least two displays, a switching device, and at least two sources.

1. Once a room is set up with devices, open room control options using the button in the top right area of the screen. A new screen will slide open on the left side of the screen.



- Scroll down to the Enable/Disable Features section and select the Split Rooms slider. A new options will appear below.
- 3. Select the **Is room currently split** slider to activate the room as a split room.
- 4. Press the Apply Settings icon in the top right corner of Room Control Options to save.

Control Page Layout	Control Page Layout		Control Page Layout	
Enable Split Room:	Enable Split Room:		Enable Split Room:	
Enable Switching on Source Drag?	Is room currently split:)	Is room currently split:	
Enable Light Button Toggle?	Enable Switching on Source Drag		Enable Switching on Source Drag	

- 5. Open the device edit screen of the display and provide the display with an alias of which side it belongs to. e.g. Display Right
- 6. Select the **Section** drop down and select whether the display is in all, left, or right section.
- 7. Press the **Save** button to activate the settings.
- 8. Repeat steps 5 through 7 for the second display.

Modify Room All Stees - All Buildings - All Rooms - BBBB - Modifying Technology Technology	⊊ + *0		Sony Right
	LG Blue Ray		<i>≥</i> Q ∨
DirectV Set Top Bax (PPRE222) True ==0	ordering (b) for 99 Control Tyr Right SAVE	All Sections Left Right	

× Configure Equipment



Split Rooms

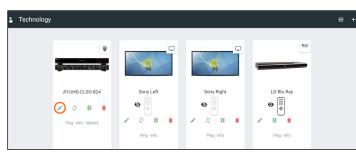
9. Open the switching device. e.g. AT-UHD-CLSO-824

S Technology	幸	+ Configure Equip	ment	Î
		1	AT-UH-D-CLSO-824 ACCRP bc: Mariji Formu Maris Guitaber ath Dail, HOBsetT and Minored HDMI Datputs	
		AT-UHD-CLSO-824 Properties		19.
AT-UHD-CLSO-824 Sony Left Sony		Alias Command Throttle		
🖉 🖉 📲 😵 🔍		0 Control Type	ms	
Ping-Info-Identify 🖍 🗘 🕄 🚺 🖍 🗘	8 1 / 8 1	Teinet		
Ping-Info Ping	Info Ping - Info	IP Address		
		Port Number		
9		23		
2 - 1 NN		Enable Telnet Authentication:		
		SAVE		
DirecTV Set Top Box (IP/RS232)		AT-UHD-CLSO-824 Input Connec		~
•		Input Connections		
		All Sectio	0 HDBaseT 1 Show Icon	
V 43 -		All Sectio *	ecton Ordering Allas 0 HDBaseT 2 Show Icon	
Ping - Info		HDBaseT3 Corr		

- 10. Scroll to the Input Connections section. A new drop down will have appeared next to the sources when split rooms was activated.
- 11. Select the side of room each source belongs to when split.
- 12. Press the Save button.

Input Connections		Screen Butte	ons											Input Connect
						Input Connection	ons			Screen Butto	ons			
HDBaseT 1 All Sectio	Connection	Ordering Alias		loop	~	HDBaseT 1		Connection	Ordering	Alias				All Sectio
All Sectio		0 HDBaseT 1	Show	lcon		All Sectio				HDBaseT 1		lcon	÷.	All Sectio
100		A.4							0	HUDdael I	Show	ioon .		1000-017-5
HDBaseT 2 All Sectio	Connection	Ordering Alias 0 HDBaseT 2		loop										HDBaseT 2 All Sectio
		o mubaser 2	Show	lcon		HDBaseT 2		Connection	Ordering					All 30040
HDBaseT 3	Connection	Ordering Alias				All Sectio			0	HDBaseT 2	Show	Icon	-	HDBaseT 3
All Sectio	compol/01	0 HDBaseT 3		lcon							0.00			All Sectio
		5 HDDaser 5	Show	-3011		HDBaseT 3		Connection	Ordering	Alias				
HDMI 4	Connection	Ordering		loon		All Sectio			0	HDBaseT 3		Icon		HDML4
All Sectio	LG Blu Ray	0 Alias		No loop	- OUTPUT						Show			All Sectio
			Show					Connection	Ordering			loon		
HDMI 5	Connection	Ordering		loon		All Sections		LG Blu Ray	0	Aliae		No Icon	- OUTPUT	HDMI 5
All Sectio	DirecTV Set Top Box (IP/RS232)	0 Alias		No loon	- OUTPUT			LO Dia Nay	U	AlldS	Show	NO ICOL	COTPOT	All Sectio
			Show			Left								
HDMI 6	Connection	Ordering Alias				Right		Connection	Ordering			loon		HDMI 6
All Sectio		0 HDMI 6	~ ~	lcon	~			DirecTV Set Top Box (IP/RS232)	0	Alias	Show	No Icon	- OUTPUT	All Sectio
			Show								- OHOW			
HDMI 7	Connection	Ordering Alias						-						HDMI 7
All Sectio		0 HDMI 7	Show	lcon	~	AT-UHD-CLSO-824	Input Co	nnections					~	All Sectio
/GA	Connection	Ordering Alias				Input Connectio	ons			Screen Butte	ons			VGA
All Sectio		0 VGA	Show	Icon	~	HDBaseT 1		Connection	Ordering	Alias				All Sectio
						All Sectio				HDBaseT 1		Icon	-	
									0	TID baser 1	Show	10011		SAVE
SAVE						1000								
SAVE						HDBaseT 2		Connection	Ordering					
SAVE						All Sectio			0			Icon	-	
_	ut Connections				~				0	HDBaseT 2	Show			
SAVE	ut Connections				~				0	HDBasel 2	Show			
F-UHD-CLSO-824 Outp	ut Connections				~	HDBaseT 3		Connection	Ordering		Show			
-UHD-CLSO-824 Outp					~		-	Connection	Ordering			lcon	~	
-UHD-CLSO-824 Outp Outputs	Connection				- HDMI 1	HDBaseT 3		Connection	Ordering	Alias	Show Show	Icon	~	
_						HDBaseT 3 All Sectio	*		Ordering O	Alias HDBaseT 3			-	
-UHD-CLSO-824 Outpo Outputs	Connection Sony Left					HDBaseT 3 All Sectio HDMI 4	-	Connection	Ordering D Ordering	Alias HDBaseT 3		lcon		
UHD-CLSO-824 Outpu Dutputs HDBaseT/HDMI 1	Connection					HDBaseT 3 All Sectio	-		Ordering O	Alias HDBaseT 3			- OUTPUT	
F-UHD-CLSO-824 Outpo Outputs	Connection Sony Left Connection				-HDMI1	HDBaseT 3 All Sectio HDMI 4 Left	* *	Connection LG Blu Ray	Ordering D Ordering	Alias HDBaseT 3	Show	Icon No Icon		
-UHD-CLSO-824 Outpu Outputs HDBaseT/HDMI 1	Connection Sony Left Connection				-HDMI1	HDBaseT 3 All Sectio HDMI 4	* *	Connection	Ordering D Ordering	Alias HDBaseT 3 Alias	Show	lcon		

13. *If using audio* Open the audio device. e.g. AT-UHD-CLSO-824





14. Go to the Audio Controls section. Each control will have new selection drop downs.

15. Select the control options under all sections.

NOTE: The control selected under all sections will be the audio control when the room is set to open.

16. Select the audio control sections that each control belongs to when split.

NOTE: If Master Volume belongs to the speakers on the left side of the room, select master audio from the left side drop down menu.

- 17. Repeat until all audio is set up.
- 18. Press the Save button.

trols: Control Id		Control Name		Component Name	Туре	Min	Max	Size	Value
1. Output1Gain		Output 1 Gain		Audio	Integer	-90	30	1	
All Sections	(Split Left		Split Right	\bigcirc				
Master Volume	7	Master Volume	Ŧ	Unassigned					
2. Output2Gain		Output 2 Gain		Audio	Integer	-90	30	1	
All Sections		Split Left	1	Split Right	\bigcirc				
Master Volume	Ŧ	Unassigned	7	Master Volume	$\overline{}$				
3. Output1Mute		Output 1 Mute		Audio	Boolean				
All Sections		Split Left		Split Right					
Master Volume M	Y	Master Volume M	Ŧ	Unassigned	w				
4. Output2Mute		Output 2 Mute		Audio	Boolean				
All Sections		Split Left		Split Right					
Master Volume M	Ŧ	Unassigned	Ŧ	Master Volume M	w.				
5. Input1Gain		Video 1 Gain		Audio	Integer	-90	10	1	
All Sections		Split Left		Split Right	\bigcirc				
Unassigned	Ŧ	Unassigned	Ŧ	Unassigned	$\overline{}$				
6. Input2Gain		Video 2 Gain		Audio	Integer	-90	10	1	
All Sections		Split Left		Split Right	\bigcirc				
Unassigned	Ŧ	Unassigned	Ţ	Unassigned					
7. Input3Gain		Video 3 Gain		Audio	Integer	-90	10	1	
All Sections		Split Left		Split Right	\bigcirc				
Unassigned	v	Unassigned	v	Unassigned	Ű				
8. Input4Gain		Video 4 Gain		Audio	Integer	-90	10	1	
All Sections		Split Left		Split Right	\sim				



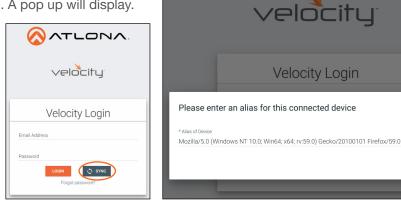
NOTE: Master Volume can only be set on one device. If there are multiple audio control devices, only one device can be set as the Master Volume. If both devices are set as master, an error will occur.

Control Devices

Now that all the room devices have been set up, the control devices must be set up.

NOTE: For split rooms, there should be two control devices. The control devices can be two of each or a mix of AT-VTPs, Android devices, Apple devices, or web browsers.

- 1. Open the control device to the sync page.
- 2. Press the Sync button. A pop up will display.





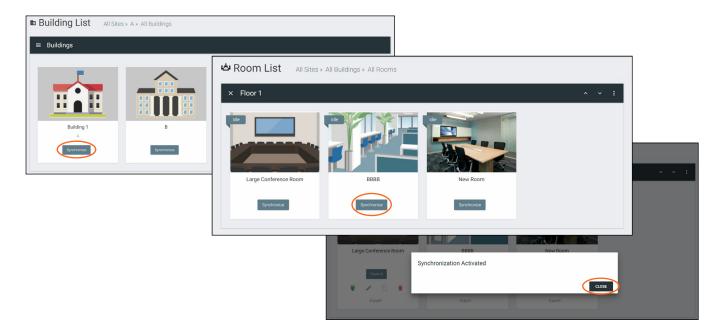
- 3. Enter an alias for the device to ensure easy identification within Velocity. e.g. Left
- 4. Press submit. The page will display a synchronization page.

velocity	velocity
Velocity Login	
Please enter an alias for this connected device	Synchronizing
* Alias of Device Left	Waiting for Approval
SUBMIT	

- 5. Go to the Velocity page. A green box will appear.
- 6. Select Buildings.

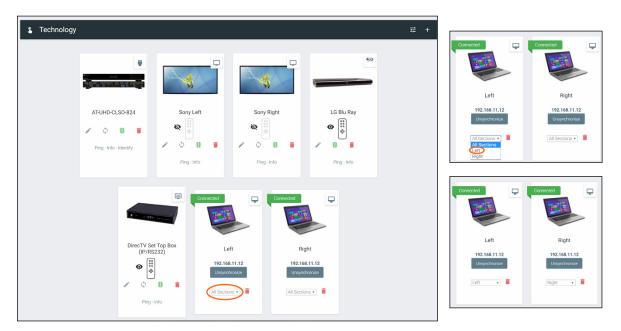
≡ II Help×	velc	city.		*
Technology			A request from IP Address: 192.168.11.12 (Left) A new room sync has been requested. Click below Buildings	× v.
			6	

- 7. Select the building the control device will be in. A new screen will open.
- 8. Select the room the control device is located in. A Synchronization Complete window will appear.
- 9. Press the **Close** button.





- 10. Repeat steps 1-9 for the second control device.
- 11. Reopen the edit room technology page.
- 12. Select the drop down within the control device field and select the section the device controls.
- 13. Repeat step 12 for the second control device.



The room is now set up for split room control. Control macros and event macros can now be set up for split rooms.

Macros

For information on using Room and Event Macros for split rooms, see the Macros & Variables: Split Rooms section.



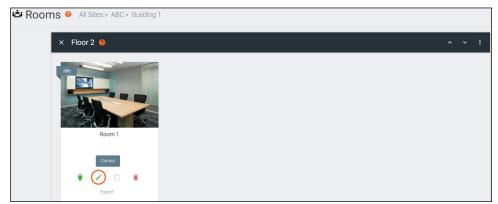
Macros and Conditions are used in many aspects of Velocity, from simple room on and off sequences, to split rooms, and custom UIs. The following sections will go over basic macros and conditions, as well as extra information for specific use cases. Macros and conditions can be found within the advanced settings of the rooms.

Contents

General	85
Macros	86
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Room Triggers	93
Variables	94
Boot Macro	95
Conditions	96
Split Rooms Room Macros Event Macros	98 98 99



General



1. Select the Edit Room Technology from the buildings screen. A new screen will open.

💲 生 Technology					+ 😰 ش
	Sony TV 1	LG Blu Ray 1	Samsung Blu Ray 1	Xfinity Set Top Box 1	
	Ping - Display Shown	Ping	Ping	Ping	

i

2. Select the $\overline{\mathbf{z}}$ button to open the Room Control Options screen.

oom Name:	Conference		×
CONTROL S		USER INTERFACE	
Automation			
Macros:	**		
Event Macros:			
Room Triggers:	Ŷ		
Variables:	<>		
Conditions:	۲		
Boot Macro:	Macro	G	
Audio and Dialer Settin	gs		
Master Audio Device		Volume Ramp Interval (ms) 200	
Dialpad Device		Ø Dialpad Line Number	

NOTE: These options are also available in the Custom Control Interface edit screen. The options will be the same in both areas.

Macros, Event Macros, Room Triggers, and Conditions can be gotten to from here.



Macros

Macros provides the ability to program and run different commands in a room.

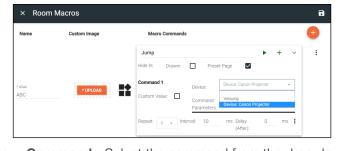
1. Select the Macros button. A new screen will slide open.

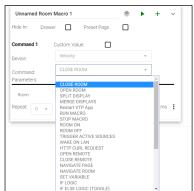
× Room Control Op	otions	× Roo	om Macros		8	
Room Name:	Conference	Name	Custom Image	Macro Commands	•	
	¢ 9					
	L SETTINGS					
ふAutomation						
Macros:						
Event Macros:						
Room Triggers:	<u>ج</u>					
Variables:	<>					

- 2. Press the + (add macro) button from the top right corner. A new selection will appear in the screen.
- 3. Name the Macro by typing the Alias into the New Macro field under *Alias. This will be the name that appears in the control screen next to the macro.

× Room	Macros		8	× Roo	m Macros	
Name	Custom Image	Macro Commands	•	Name	Custom Image	Macro Comman
* Alias New Macro	* UPLOAD	Unnamed Room Macro 1	* > + ^			Unnamed Room Macr
						Hide In: Drawer
				* Alias ABC	* UPLOAD	Device:
						Command: Parameters:
						Repeat:

- 4. Once named, press the + button to open the command options and set up the macro command.
 - ***Upload** Select this button to upload a custom icon from the local PC, a new window will pop up. Custom icons must be .PNG, .JPG, .JPEG, or .BMP file types to display.
 - **Macro Name** The name of the macro will be used in Velocity to identify command on the back end. This command, once saved, can be pulled up in other macros if needed.
 - **Conditions** The double square next to the Macro name will lead to the Conditions screen. See the Conditions section for more information on this.
 - Run Command The triangle button will execute the command on press.
 - Hide In Select the checkbox next to the location names to hide the macro from view in the macro drawer or preset page.
 - **Device** Select the device that will be controlled with the macro. Only devices already added to the room will be displayed in the device drop down menu. Select Velocity to use the built in room commands.



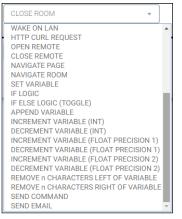


• **Command** - Select the command from the drop down list available for the device. Device commands are based off the device driver within Velocity.

NOTE: Velocity has built in commands that can be used for control and each command will have extra parameters that will appear below the command once selected.



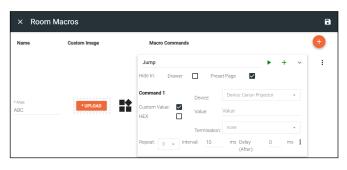
- ◊ Close Room Used with divisible rooms to split the current room into two independent rooms.
- Open Room Used with divisible rooms to take the currently split room and merge them into one room.
- Split Display Activates dual source display on a split screen display.
- Merge Displays Switches split screen display from dual source displaying to show only a single source.
- ◊ Restart VTP app Using this macro will reset the VTP control screen when needed.
- 8 Run Macro Will run previously created macros when activated.
- Stop Macro Will stop the selected macro when pressed.
- Room On Triggered, this will send all the room on commands to the selected room and set any control screen or touch-pad to the home page.
- Room Off This will send all room off commands and set the control screens or touch-pads to the home page when triggered.
- Trigger Active Sources When used, any event macro using active sources within the selected room will be triggered.



- Wake On LAN Velocity will trigger the device at the specified MAC address using the Wake On LAN "magic packets".
- ♦ HTTP cURL Request Triggers the cURL command entered into parameters.
- HTTP cURL (ARGS) Request Triggers the cURL command entered into parameters with variables.
- Open Remote Using this macro will open the remote drawer of the specified device on the control screen in the specified room.
- Close Remote This macro will close the remote drawer of the specified device on the control screen in the specified room.
- Navigate Page Set the room and page the control screen will go to when this macro is used.
- Navigate Room Set the room the control screen will change to when this macro is used.
- Navigate Previous When set up and used, this macro will cause the control screen to navigate to the previous screen.
- Set Variable Use to change a variable value. This will be gone over more in the Custom UI section.
- Send Command This will send a command of the current value of the set variable to the chosen device. This will be used with the Custom Control Interface buttons.
- IF ELSE Logic This can set multiple commands to a single variable based on values. This will be gone over more in the Custom Control Interface section.
- Append Variable This will adjust a variable with the append's set value. This will be used with the Custom Control Interface buttons.
- Increment Variable (INT) This will increase a variable by the set whole number amount. This will be used with the Custom Control Interface buttons.
- Decrement Variable (INT) This will decrease a variable by the set whole number amount. This will be used with the Custom Control Interface buttons.
- Increment Variable (Float Precision 1) This will increase a variable by the set 1/10th value (e.g. 0.1). This will be used with the Custom Control Interface buttons.
- Decrement Variable (Float Precision 1) This will decrease a variable by the set 1/10th value (e.g. 0.5). This will be used with the Custom Control Interface buttons.
- Increment Variable (Float Precision 2) This will increase a variable by the set 1/100th value (e.g. 0.01). This will be used with the Custom Control Interface buttons.
- Decrement Variable (Float Precision 2) This will decrease a variable by the set 1/100th value (e.g. 0.05). This will be used with the Custom Control Interface buttons.
- Remove n Characters left of Variable This will remove a set amount of characters from the left side of a variable value. This will be used with the Custom Control Interface buttons.



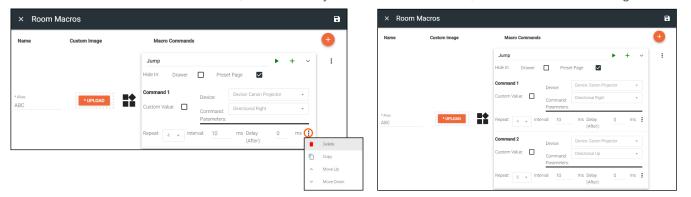
- Remove n Characters right of Variable This will remove a set amount of characters from the right side of a variable value. This will be used with the Custom Control Interface buttons.
- IF Logic This will provide a way to run a second command based off a variable being a certain value. This will be gone over more in the Custom Control Interface section.
- For Loop and Call Macro This will call a macro to resend after the set amount of miliseconds. If no loop value is set, it will loop the macro command indefinitely.
- Timer/Clock This macro will allow commands to be run on timers. Such as turning a display off 60 seconds after used.
- Show/Hide Displays This macro will provide a way to show and hide room displays.
- Send Email Sets up so an email can be sent to a specific address with a specific subject and body when triggered. Velocity must have internet access for this function to work.
- Button Click This macro will allow defined buttons to display after it is used.
- Restart Velocity This will restart Velocity when the macro is triggered. Allow up to five minutes for Velocity to restart.
- Set VTP LED Color This macro will set the RGB values for the VSP-800 LED.
- ◊ Set VTP LED On This macro will turn the LED on for the VSP-800.
- Set VTP LED Off When used, this macro will turn the LED off for the VSP-800,



- Custom Value Select the check box to open up additional options and to add a new command for the selected device within the room. The custom command is available in this current room only.
 - HEX Select if the command will be written in HEX rather than ASCII.
 - Termination Select the command termination from the drop down: CR, CRLF, LF, or none.
 - Value Type out the command exactly as the device's manual/API writes it.
- **Repeat** Select how many times the command is sent out when the macro is selected within room control.
- Interval Set the amount of milliseconds between when the command is first sent and then repeated.
- Delay Set the amount of time delay between the current command and the next command being sent.

Each macro can be programmed to send multiple commands, use the plus button next to the command name to add a second command to the macro.

 i - use this option to delete, copy, or move the commands up or down. This allows for the commands to be sent in the correct order needed, entered easily with similar commands, or removed when no longer needed.



NOTE: Make sure to use the save button in the top right corner of the screen after each macro is created. This will make the macro available in the room and the command available for other macros.





5. Use the orange + button to add as many macros as needed.

× Room	n Macros		8	× Rooi	m Macros		8
Name	Custom Image	Macro Commands	•	Name	Custom Image	Macro Commands	•
* Alias ABC	* UPLOAD	Jump	► + ^ E	* Alias ABC	* UPLOAD	Jump	► + ^ I
ABU				* Alias BCD	* UPLOAD	Slide	Delete
* Alias BCD	* UPLOAD	Slide	▶ + ^ I				Copy
							 Move Down
							Q View Id

Use the selection after each macro to delete, copy, or move the macros up or down. This allows for the macros to be displayed in the macro drawer in the order they will be used or removed when no longer needed.



Event Macros

Event Macros are commands triggered when a particutlar room, device, or scheduled event occurs.

1. Select the Event Macros button. A new screen will slide open.

Room Name: Conference Conference CONTROL SETTINGS *Automation Macros: Event Macros: Event Macros: Room Triggers:	× Room Contr	ol Options	× Event M	acros	8	
CONTROL SETTINGS *Automation Macros: Event Macros:	Room Name:	Conference	Feature	Macro Commands	•	
Automation Macros: Event Macros:		-				
Macros:		ONTROL SETTINGS				
Event Macros:						
		-				
	Room Triggers:	_				

2. Press the + (add macro) button from the top right corner. A new selection will appear in the screen.

× Event Macros		8	× Event Macros		i
Feature	Macro Commands	•	Feature	Macro Commands	•
Feature Variables - Variable Updated		:	Feature Rooms - Room On	Unnamed Room Event Macro 1	* • + ^

3. Select the **Feature** (event type e.g. Room On) drop down to select what event will trigger the macro.

	Audio - Unmute Audio	
	Audio - Mute Audio	
	Audio - Volume Up	
	Audio - Volume Down	
	Conferencing - Decline Call	
	Conferencing - Incoming Call	
	Conferencing - Meeting Started	
	Conferencing - Meeting Ended	
	Conferencing - Share Content Started	
	Conferencing - Share Content Ended	
	Dialer - Mute Dialpad Mics	
	Dialer - Unmute Dialpad Mics	
	Display - Merge Display	
	Display - Split Display	
4	Disnlav - Video Mute	Þ

- Audio Unmute Audio Un-muting audio in the control screen will trigger this macro.
 - Audio Mute Audio Muting audio in the control screen will trigger this macro.
 - **Audio Volume Up** This macro will trigger anytime a Volume Up command is received.
 - Audio Volume down This macro will trigger anytime a Volume Down command is received.
- **Conferencing Decline Call** Declining a call while using a DSP or ZoomRoom will trigger this event.
- **Conferencing Incoming Call** When receiving a call, while using a DSP or ZoomRoom, this event will trigger.
- **Conferencing Meeting Started** Starting a meeting while using a DSP or ZoomRoom will trigger this macro.
- **Conferencing Meeting Ended** This event will trigger when a meeting is ended while using a DSP or ZoomRoom.
- **Conferencing Share Content Started** Starting a content share while using a DSP or ZoomRoom will trigger this macro event.
- Conferencing Share Content Ended To trigger this macro event, end sharing content while using a DSP or ZoomRoom.
- Dialer Mute Dialpad Mics Muting the dialpad while using a DSP will trigger this event.
- Dialer Unmute Dialpad Mics Trigger this macro by unmuting the dialpad while using a DSP.
- **Display Merge Display** When a single source is set to display on a split screen display, this macro will be triggered. When this event is selected within the menu, the display will need to be selected in the drop down menu that appears below it.
- **Display Split Display** When dual source is activated on a split screen display, this macro will be triggered. When this event is selected within the menu, the display will need to be selected in the drop down menu that appears below it.



Display - Video Mute Display - Video UnMute Display - Video UnMute	
Display - Video UnMute Display - Video	UnMute - When the video is unmuted, this macro will trigger.
Scheduling - Schedule Time of Execution	
Rooms - Room On • Scheduling - Sc	chedule Time of Execution - A scheduled event allows the option
Rooms - Room Off to create an eve	nt that happens at a certain time that can be daily or weekly. Selec
	t and a new pop up will appear.
Sources - Apply AV Source	
Sources - Apply Video Source	Schedule A Macro
Sources - Apply Audio Source	Recurrence Rule Recurring Until
Split Room - Room Open	Recurrence Rule[Veekly • Every 1 week(a) on:
Split Room - Room Split	Sun Mon Tue Wied Thu Fri Sat
Variables - Variable Updated	
Video Wall - Preset Triggered	10: 00: 00: am
· · · · · · · · · · · · · · · · · · ·	

- ♦ Recurrence Rule Select between Daily or Weekly.
- Day of week (weekly only) Select the days of the week for the weekly event to be added.
- ♦ Time Set the time of day this event happens.
- Recurring Until Select this to set an end date on the calendar in which to end the scheduled event.
- **Room Room On** Use the start room or room on button to trigger this macro.
- Room Room Off This macro will trigger when the room off button is pressed in the control screen.
- Sources Active AV Source This will trigger when the Trigger Active Sources command (found in macros) is run. When this feature is selected, a new field will open below it.

- Use the Display drop down menu to select if the event macro will trigger with all displays or a specific one.

× Event Macros			× Event Macros	
Feature	Macro Commands	(Feature	Macro Commands
Feature Sources - Active Source		:	Feature Sources - Active Source	
	Macro Name +			Macro Name
Display			Any	
			Canon Projector	

 Sources - Apply AV Source - Trigger this macro when the selected source becomes active on the selected display (or any source/display combo if any is selected). When this feature is selected, two new fields will open below it.

- Use the Source drop down menu to select which source must be applied to trigger the event.

- Use the Display drop down menu to select if the event macro will trigger with all displays or a specific one.

• Sources - Apply Video Source - Trigger this macro when the selected video source becomes active on the selected display (or any source/display combo if any is selected). When this feature is selected, two new fields will open below it.

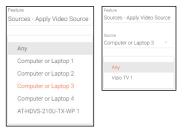
- Use the Source drop down menu to select which source must be applied to trigger the event.

- Use the Display drop down menu to select if the event macro will trigger with all displays or a specific one.

• Sources - Apply Audio Source - Trigger this macro when the selected audio source becomes active (or any audio source if any is selected). When this feature is selected, one new field will open below it.

- Use the Source drop down menu to select which source must be applied to trigger the event.

ature	Feature
ources - Apply Source	Sources - Apply Source
	Source
Any	Microsoft Game 🗸
Microsoft Game	
LG Blu Rav	
20 010 110)	Any
	Canon Projector
	Panasonic TV



0	urces - Apply Audio Source
	Any
	Computer or Laptop 1
	Computer or Laptop 2
	Computer or Laptop 3
	Computer or Laptop 4
	AT-HDVS-210U-TX-WP 1



- Split Room Room Open / Split Room Room Split View the Split Rooms section to learn more.
- Variables Variables Updated This macro will trigger when the specified variable is set to equal the specified operator (equal, greater than, less than, etc) and value.
- Video Wall Preset Triggered This macro will trigger when the specified preset becomes active.
- 4. Press the + button on Macro Name to open the command options and set up the macro command.

Event Macros		E × Event Macros		
eature	Macro Commands	Feature	Macro Commands	
	Macro Name + v	:	Wake Up + +	~
^{ature} Jiit Room - Room Open	Command 1 Device: Custom Value: Command: Parameters:	Feature Split Room - Room Open	Command 1 Device: Device: Canon Projector + Custom Value: Command: Power On + Parameters: Parameters: +	
	Repeat: 0 + Interval: 10 ms Delay (After): 0 ms		Repeat Interval: ms Delay (After): ms 🚦	

- Macro Name The name of the macro will be used in Velocity to identify command on the back end. This
 command, once saved, can be pulled up in other macros if needed.
- **Device** Select the device that will be controlled with the macro. Only devices already added to the room will be displayed in the device drop down menu.
- **Command** Select the command from the drop down list available for the device. Device commands are based off the device driver within Velocity. Velocity has built in commands that can be used for control.



• **Custom Value** - Select the check box to open up additional options and to add a new command for the selected device within the room. The custom command is available in this current room only.

HEX - Select if the command will be written in HEX rather than ASCII.

Termination - Select the command termination from the drop down: CR, CRLF, LF, or none.

Value - Type out the command exactly as the device's manual/API writes it.

- Repeat Select how many times the command is sent out when the macro is selected within room control.
- Interval Set the amount of milliseconds between when the command is first sent and then repeated.
- Delay Set the amount of time delay between the current command and the next command being sent.

Each macro can be programmed to send multiple commands, use the plus button next to the command name to add a second command to the macro.

• :- use this option to delete, copy, or move the commands up or down. This allows for the commands to be sent in the correct order needed, entered easily with similar commands, or removed when no longer needed.

× Event Macros				8	× Event Macros		
Feature	Macro Commands			•	Feature	Macro Commands	e
Feature Rooms - Room On	Wake Up		► + ^	:	Feature Rooms - Room On	Wake Up	► + ^
	Sleep		► + ×	:	Feature Rooms - Room Off	Sleep	► + ^ ¹
	Command 1 Device: Custom Value: Command: Parameters:	Device: Canon Projector Power Off	*		Feature Sources - Apply Source		(
Festure Rooms - Room Off	Repeat: 0 + Interval: 10	ms Delay (After): (I		Source Microsoft Game	Play	Delete
	Custom Value: Device: Custom Value: Command: Parameters:	Device: Microsoft Game POWER OFF	· [Move Up			∧ Move Up∨ Move Down
	Repeat: 0 v Interval: 10	ms Delay (After): (WORE DOWN			Q View Id



Room Triggers

Room Triggers are commands triggered when a specific value/event occurs.

1. Select the Room Triggers button. A new screen will slide open.

× Room Co	ontrol Options		× Room Trigge	× Room Triggers	× Room Triggers
			Trigger	Trigger Macro Commands	Trigger Macro Commands 🕂
loom Name:		Conference			
	‡ 🧐				
	CONTROL SETTINGS				
Automation	ı				
Macros:		**			
Event Macros:					
Room Triggers:					
Variables:		\sim			

- 2. Press the + (add macro) button from the top right corner. A new selection will appear in the screen.
- 3. Select the control device (e.g. Velocity Command Converter) from the **Select Device** drop down menu. New options will appear below the device.

Canon Projector	× Room Triggers		8
LG Blu Ray Microsoft Game Panasonic TV	Trigger	Macro Commands	•
	Select Device Canon Projector ~		:
Response Equals String Response Contains String	Trigger Response -	Macro Name	► + ^
Response RegEx Match Found	Response String		

- **Trigger Response** Select whether the device macro command will be triggered by an exact response string, a response containing the string, or a regular expression through TCP feedback responses.
 - Response Equals String When Velocity receives the exact Response String entered, this command will trigger. Commands are case sensitive. e.g. If the response string is PWON and Velocity receives pwON as the feedback, nothing will trigger. If Velocity receives PWON, then the macro commands will trigger.
 - Response Contains String When Velocity receives a feedback that contains the Response String entered, this command will trigger. Commands are case sensitive. e.g. If the response string is PWON and Velocity receives PWSTA as the feedback, nothing will trigger. If Velocity receives PWSTA PWON as feedback, the event macro will trigger.
 - Response RegEx Match Found When feedback that contains the parameters specified in the RegEx search is received, this event will trigger. e.g. The response string in the RegEx search pattern is a(b|c) and Velocity detects bc nothing will happen, but if it receives ab it will trigger the created macro because the RegEx search pattern is looking for either ab or ac.
- **Response String** Type in the response string that will be received to trigger the commands.
- Select Setting *AT-VCC-RELAY only* Select the sensor that will trigger the macro.
- Value *AT-VCC-RELAY only* Set the value of the sensor that triggers the command macros.
- 4. Once the trigger settings have been selected, press the edit button on the Macro Commands field.

× Room Triggers		8	× Room Triggers	× Room Triggers	× Room Triggers	× Room Triggers	× Room Triggers	× Room Triggers	× Room Triggers	× Room Triggers	× Room Triggers	× Room Triggers
Trigger	Macro Commands	+	Trigger	Trigger Macro Commands	Trigger Macro Commands	Trigger Macro Commands	Trigger Macro Commands	Trigger Macro Commands	Trigger Macro Commands	Trigger Macro Commands	Trigger Macro Commands	Trigger Macro Commands
Select Device Canon Projector	Macro Name + ~	~ I	Select Device Canon Projector	Orange Device the second								
Trigger Response Response Contains String	Command 1 Device:		Trigger Response Response Contains String	Response Contains String	Response Contains String Device: LG Blu Ray	Response Contains String						
Response String PWON	Custom Value: Command: Parameters:		Response String PWON		Response String Parameters'	Response String Parameters:	Response String Darameters:	Response String Parameters:				
	Repeat: 0 v Interval: 10 ms Delay (After): 0 ms	:		Repeat: 0 - Interval: 10 ms Delay (After): 0	Repeat: 0 + Interval: 10 ms Delay (After): 0 ms	Repeat: 0 + Interval: 10 ms Delay (After): 0 ms	Repeat: 0 v Interval: 10 ms Delay (After): 0 ms	Repeat: 0 + Interval: 10 ms Delay (After): 0 ms	Repeat: 0 + Interval: 10 ms Delay (After): 0 ms	Repeat: 0 v Interval: 10 ms Delay (After): 0 ms	Repeat: 0 + Interval: 10 ms Delay (After): 0 ms	Repeat: 0 + Interval: 10 ms Delay (After): 0 ms



- **Macro Name** The name of the macro will be used in Velocity to identify command on the back end. This command, once saved, can be pulled up in other macros if needed.
- **Device** Select the device that will be controlled with the macro. Only devices already added to the room will be displayed in the device drop down menu.
- **Command** Select the command from the drop down list available for the device. Device commands are based off the device driver within Velocity. Velocity has built in commands that can be used for control.
- **Custom Value** Select the check box to open up additional options and to add a new command for the selected device within the room. The custom command is available in this current room only.
 - ♦ HEX Select if the command will be written in HEX rather than ASCII.
 - Termination Select the command termination from the drop down: CR, CRLF, LF, or none.
 - Value Type out the command exactly as the device's manual/API writes it.

Select Device Panasonic TV	Macro Name			•	+ ~	:
Trigger Response Response RegEx Match Found	Command 1	Device:			Ψ.	
Response String	Custom Value: HEX:	Value:	Value			
ABC		Termination:	none		٣	
	Repeat: 0 v	Interval: 10	ms Delay (After):	0	ms 🚦	

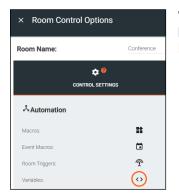
- **Repeat** Select how many times the command is sent out when the macro is selected within room control.
- Interval Set the amount of milliseconds between when the command is first sent and then repeated.
- **Delay** Set the amount of time delay between the current command and the next command being sent.

Each macro can be programmed to send multiple commands, use the plus button next to the command name to add a second command to the macro.

• - use this option to delete, copy, or move the commands up or down. This allows for the commands to be sent in the correct order needed, entered easily with similar commands, or removed when no longer needed.

× Room Triggers			8	× Room Triggers		8
Trigger	Macro Commands	e		Trigger	Macro Commands	•
	Wakey Wakey	► + ~ :	:	Select Device Canon Projector		()
Select Device Canon Projector Trigger Response	Device.	evice: LG Blu Ray		Trigger Response Response Contains String ~	Wakey Wakey	Delete Copy
Response Contains String	Repeat: 0 v Interval: 10		Delete	PWON		 Move Up Move Down
PWON	Device:	evice: Microsoft Game	Copy Move Up Move Down	Select Device Velocity Command Converter - R		Q, View Id
	Repeat: 0 v Interval: 10	ms Delay (After): 0 ms		Select Setting ~ Value Opened ~	Drop	• + •

Variables



Variables are functions that can be set and changed based on set events. They can be created in the variables menu. View the Variables section under Custom Control Interface for more information on how to create variables.



× Room Contro	I Options	
Room Name:	Conference	
COM	¢ 0 NTROL SETTINGS	USI
Automation		
Macros:		
Event Macros:		
Room Triggers:	Ŷ	
Variables:	\diamond	
Conditions:	۲	
Boot Macro:	Macro	C

Boot Macro

Boot Macro was created so that after Velocity has been turned on or rebooted, any room that needs to return to active can be done automatically. This can be set up for one room or multiple rooms.

Class 2 - Room On

Before anything can be set to the Boot Macro field, the macro must first be created. Follow the instructions within the Macros section on how to create macros. The macro should be named to make it easier to locate when there are a lot of macros on the system. The name will be pulled from the Macro Name field, not the alias field.

× Roon	m Macros			•
Name	Custom Image	Macro Commands		•
* Alias Room On	* UPLOAD	Class 2 - Room On	*	+ ^ :

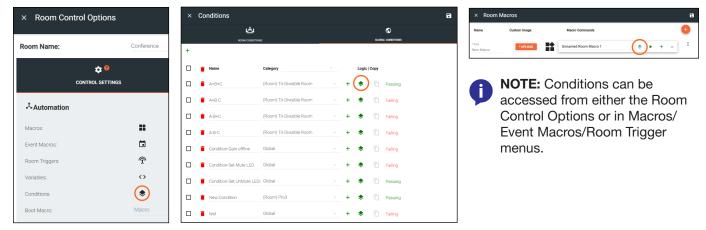
Once the Macro has been set up, it can be selected from the Boot Macro drop down menu and then saved using the save icon at the top right corner of the Room Control Options menu. Repeat this for every room needed.

Boot Macro:		c	× Room Control Options	•
	Class 2 - Room On		Room Name: Class 2	×
			CONTROL SETTINGS	USER INTERFACE
			ふAutomation	
			Macros:	
			Event Macros:	
			Room Triggers:	



Conditions

Every Macro can be set to run only when certain conditions are met. This is used mostly with the Custom Control Interface section buttons.



1. Open the conditions window by selecting the stack icon in the Macros window (as circled above). A new screen will open.

× Conditions		Conditions	8	0
ROOM CONSTITUNES		Conditions [®] Passing		
€		Conditions		CLOSE
Category	Logic Copy	Macro Conditions Failing	* 🔶 🗡 📋 Evaluate as Variables Changer 🗹	
		Conditione		
				CLOSE

- Failing / Passing This will display the current status of the condition, whether all variable conditions are met or not.
- Link Condition *Macros menu only*- This will import the settings from another perviously created condition to the current macro's conditions. The same conditions can be connected to multiple macros to have them all run when the conditions are met.
- + or ADD This will add a new condition to the macro. If there is already at least one condition it will add an OR condition which will trigger the macro whether the first condition is met or not.
- Edit *Macros menu only*- This will allow the current condition's name to be edited.
- **Copy** *Only active in the Room Control Options: Conditions*- This creates a copy of the selected condition within the Conditions menu.
- Evaluate as Variables Change *Macros menu only*- When selected, Velocity will periodically check to see if the conditions of the macro are met and run the command if they are. If deselected, Velocity will only check to see if the conditions are met and run the command at the press of a button or another macro.
- 2. Select the Add button to create the first condition.

Macro Conditions Evaluate as Variables Change:			
Conditions		Ado de	
T X Variable:	v e= Value Value Conditions	+	•
	Conditions Passing		Ado de
	Variable: •	TET Value	+



- 3. Select the Variable, Operator, and Value for the condition.
 - **Variable** Select the Variable from the drop down list. All created variables and device variables will be listed in the drop down. View the Custom Control Interface section to create new variables.
 - **Operator** Select the operator for the specified value: == (equal to), <= (less than or equal to), < (less than), >= (greater than or equal to), > (greater than), or != is not equal to.
 - Value Set the value for the variable that needs to be met.

T	== •
Passcode Current for Large Meeting Space	==
A/V MUTE AUDIO MUTE	
SELECTED	<=
HDMI 1 Status	
HDMI 2 Status	<
HDMI 3 Status	>=
HDMI 4 Status	>-
HDMI 5 Status	>
Divided Combined	
Button label split merge	!=
TV 1 Source	
TV 2 Source	
Audio	
USB	Value
Button 1	1000
Button 2	100450
Button 3	123456
Button 4 👻	· · · · · · · · · · · · · · · · · · ·

Once all fields are set the condition is done. More And conditions can be added using the + or an Or condition can be added using the ADD OR button.

Using the green + button provides a second variable option. If used, the Macro will need both values met before it will run.

	Conditions						ADD OR	*
i ×	Variable:	Label	•		Value 12	AND		
×	Variable:	Room	•	== ▼	Value 456	+		
								CLOSE

In this case, the Macro will only run if the variable Label is set to a value of 12 and the variable Room is set to 456. An example of a use case for this is if a command or function needs to be hid behind a password to be ran.

	Conditions					ADD OR
∎ ×	Variable:	Label	== •	Value 12	AND	
×	Variable:	Room	== •	Value 456	+	
OR T	Variable:	Hidden	== •	Value 3	+	
						CLOSE

In some cases a second condition may be wanted to have the option to run the command when either the first conditions are met, or a second completely different condition is met. To do this, use the ADD OR button to choose the secondary variable, operator, and value for the separate condition. In this case, the macro can run if it meets the first two conditions OR if the second condition is met.



Split Rooms

Selections are available within the macros and event macros sections for split rooms. Each section will be able to define what commands/macros will be available depending on what the status of the room is.

- 1. Select the Room Control Options icon at the top right of the screen. A new screen will slide open on the right side of the room.
- 2. Select the Room Macros or Event Macros icon from the Automation section. A new screen will take over once selected.

🛎 Modify Room	All Sites » All Buildings » All Rooms » BBBB » Modifying Technology								
S Technology					(≆ +			
	TUHD-CLS0-824	Sony TV (Non IR)	Sony TV (Non IR)	LG Blu Ray					

× Room Control Op	tions	8
Room Name:	Conference	x
	settings	USER INTERFACE
لمع المعامة Automation		
Macros:	==	
Event Macros:		
Room Triggers:		
Variables:	$\langle \rangle$	
Conditions:	۲	

Room Macros

Room macros can be set up so that a room can be open or split at the touch of a button. Room macros can also be set so certain commands are only available to each side of the room when split, so that there is no chance of cross commands between the split room.

× Room Macros					
Custom Image	Room State	Macro Commands	+		
	Open Left Right				
		Custom Image Room State	Custom Image Room State Macro Commands		

To set up the room macro:

1. Select the orange + button in the top right of the screen.





- 2. Provide an Alias for the macro e.g. Open or Close
- 3. *Optional* Upload a custom image to appear for the command on the control page.
- 4. Select the room state for the command to appear. e.g. Open, Left, and Right selected for it to appear in all states.
- 5. Select the command type from the drop down. e.g. Select Velocity from the drop down for Open/Close.
- 6. Select the command value from the drop down e.g. Open room or Close room for Open/Close.
- 7. Select the room the command controls e.g. Current room being edited
- 8. *Optional* Select how often the command will repeat and how long to delay between commands. Default is 0.
- 9. *Optional* Provide a macro name.
- 10. Press the Apply Settings button in the top right corner to save the macro.
- 11. Repeat as many times as needed to create all the macros for room control.

× Room	Macros					•							
Name	Custom Image	Room State	Macro Comman	ıds		÷							
			Macro Name	•	+ ~	:							
* Alias Open	* UPLOAD			ccity Custom Value: EN ROOM									
			Room	BBBB	*		Macros						8
			Repeat: 0 - Interv	val: 10 ms Delay 0 (After):	ms		Custom Image	Open Left Right	Macro Commands				+
					* Alias Open		* UPLOAD		Macro Name	•	+	^	:
					* Alias Close		* UPLOAD		Macro Name	•	+	^	:
					* Alias Left		* UPLOAD		Macro Name	•	+	^	÷
					* Alias Right		* UPLOAD		Macro Name	•	+	^	:

Event Macros

Event macros can be set to send commands for displays and devices when events such as Room Split or Room Open occur. New options appear when the room has been set as a split room and each command can be set to send when the room is in a specific state.

× Event Macros			•
Feature	Room State	Macro Commands	•
	Open Split Left Right		

To set up the event macro:

1. Select the orange + button in the top right of the screen.

× Event Ma	cros						•
Feature		Room State	Macro Commands				+
Feature Room Split	v		Macro Name	•	+	^	:





- 2. Select the Feature.
- 3. Select the room state in which the event occurs. For some options, room state is not applicable.
- 4. Set the command type, value, room, and repeat values for the feature.
- 5. Repeat steps 1 through 4 until all Event Macros are set up.

× Event Macros			٦	× Event Macros		8
Feature	Room State	Macro Commands	Feature	Room State	Macro Commands	
	Open Split Left Right	Macro Name 🕨 + 🗸	:	Room Split	Not Applicable	Macro Name + ^
Feature		Command 1 Velocity Custom Value:				Macro Name + : Command 1 Custom Value:
Room Split	Not Applicable	Parameters: Room BBBB		Feature Room Open	Not Applicable	Command: OPEN ROOM Parameters: Room BBBB
		Repeat: 0 + Interval: 10 ms Delay 0 ms : (After):				Repeat: 0 + Interval. 10 ms Delay 0 ms : (After):

			Macro Name			•	+	~
			Command 1	Velocity	y •	Custom Value:		
eature			Command:	ROOM	ON			
pom On			Parameters: Room					
					8888			•
			Room Section		All			*
			Repeat: 0 +	Interval:	10	ms Delay 0 (After):	ms	:

Room On Event Macro: With the room on macro, it can be set for open or split.

In this example set up, if Velocity sets the room to open or split, it will trigger the event macro Room On and turn on all devices not excluded in the Excluded On/Off Devices section of the Room Control Options.

Feature Apply Source		Command 1	AT-UH	D-CLSO-824 *	Custom Value:		
Source		Command:	Input S	witch To Output			*
Any		Parameters: Input					
		Output		4			
Display Sony Left		Output		1			
		Repeat:	Interval	10	ms Delay	0 ms	
		Hepeat 0 -]		(After):		_
		Macro Name]		(After):	• +	•
			ATIM	0.0.22.2	(After):	• +	~
		Macro Name		D-CLSO-82/ *	Custom Value:	• +	~
Apply Source		Macro Name Command 1		D-CLSO-824 ¥ Writch To Output	Custom Value:	• +	• •
Apply Source Source		Macro Name Command 1 Command:			Custom Value:		~
Feature Apply Source Source Any Display		Macro Name Command 1 Command: Parameters:		witch To Outpu	Custom Value:		•

Apply Source Event Macro:

With the apply source macro, it can be set for a split room and which side it occurs on.

In these examples, if Velocity is set to a split room, the UHD-CLSO-824 will be triggered to switch the source on the left side to Input 4 for Sony Left (output 1) and on the right side to input 6 for Sony Right (output 2). This will enable the change to occur automatically when split room is enabled to provide a seamless switch between open closed rooms.



Atlona has provided two ways to customize the control interface. Velocity tools can be used by those that are familiar with JavaScript, HTML, and CSS and Custom Pages within room modify can be used for those unfamiliar with coding. This section will go over the Custom Pages within the room modify section.



NOTE: To create a custom control interface using JavaScript, HTML, and CSS, follow the instructions found within the Customized Control UI Setup Guide found in the resources tab of <u>https://atlona.com/product/vgw-hw/</u> or <u>https://atlona.com/product/vsg/</u>.

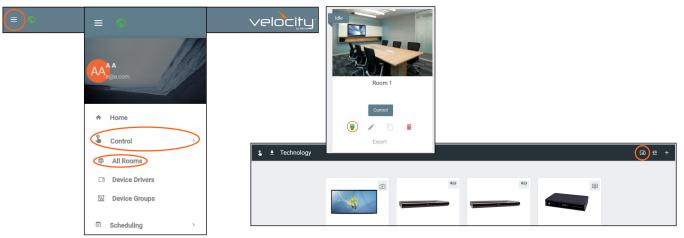
Contents

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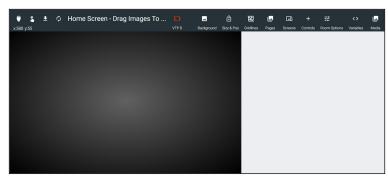


General

- 1. Select the \equiv button from the top left corner and select **Control**.
- 2. More options will appear. Select All Rooms. A new screen will open.
- 3. Select the Edit Room Technology button on the room tile. The Modify Technology screen will open.



4. Press the Custom Pages button to open the edit window for the custom control screens.



Screens

() x:580 y	Ŧ	φ	Home Screen - Drag Images To	VTP 8		Size & Pos		Pages		군는 Room Options	<>	Lee Merii
A.000 j					Cooligicano	onco di loo	onomico	10900	0011000	noon options	101100100	meen

By default, when a new page is created it will be set for a VTP 8 control screen. Press the Screens button to open the screens menu. The menu provides a way to add, switch, and delete screen sizes.

- Select the slider next to the preferred resolution to switch the current control screen's size.
- Press the + button to add a new screen size. The default new screen resolution will be 1920x1080.
 - ♦ Type a label name in the New Screen field.
- ♦ Enter a new resolution into the 1920 x 1080 fields. Resolutions are written pixel width by pixel height.
- Press the trash can icon to delete resolutions. A confirmation pop up will appear, press submit to confirm the deletion.
- **NOTE:** Screen size should be selected before any more customization. Velocity will scale images if the screen size is changed, but the spacing may need to be adjusted. Only one screen size will be available per control screen. **e.g.** A VTP-800 will only display a VTP 8 screen and will not display a control screen that is 1080p.

9 (to 1080P)	1024× 576	0	16:9 (to 1080P)	1024× 576
ad 4:3	1024 x 768	-	iPad 4:3	1024 x 768
id 4:3	768 x 1024	•	iPad 4:3	768 x 1024
TP 5	768 x 432	-	VTP 5	760
/TP 5 (Vertical)	432 x 768	•	VIP5	768 x 432
TP 8	962× 601	•	VTP 5 (Vertical)	432 x 768
/TP 8 (Vertical)	601 x 962	-	VTP 8	962 x 601
			VTP 8 (Vertical)	601x 962
			New Screen	1920 _x 1080
			New Screen	3840 x 2160



Background

Select the background button to load a new background from the local computer. The background must be .PNG, .JPG, .JPEG, or .BMP.

- 1	÷	🚯 File Upload					×	斑		6	+		$\langle \rangle$	_	\$
x:113 y:481	_	$\leftarrow \rightarrow \neg \uparrow$ l \rightarrow This	PC > BXS (F:) > Box Sync > Velocity Base >	v 0	Search Velocity Base		P	Gridlines	Pages	Screens	Controls	Room Options	Variables	Media	Settinas
X.113 y.401		Organize • New folder					0								
		Box Sync	Name	Date modifies											
	£111	Creative Cloud File	Velocity_License_c1662113-107b-4da1-809e-1441												
	: :	OneDrive	Velocity_License_F2B94-876CB-FDD41-C94E8-CC5 Welocity-1.4.5.12.tar	12/18/2018 9 7/1/2018 5:34											
	:)	🤙 This PC	Participation 1.tar	6/25/2018 11											
	š	3D Objects	Site - Ajson Room - 8888.ison	6/25/2018 10											
		Autodesk 360	 Room - BBBBJson Site1.symx 	Type: JSON File Size: 4.44 MB											
		Desktop Documents	a Symetrix	Date modified: 6/	25/2018 10:51 AM Select a file to	preview.									
		Documents	Velocity_License_D2C1F-181AC-08A31-7E62B-1BF AT-VSG-2500_D2C1F-181AC-08A31-7E62B-1BF3D.												
		Music	AT-VGW-250_33774d56-280d-8fce-817f-000c29d.	3/1/2018 1:0:											
		E Pictures	External Controls Composer6.0	2/13/2018 10 1/25/2018 82											
		Videos	Q-SYS_Designer_Installer_6.1.2	1/25/2018 8:											
		BD-RE Drive (D:)	B DSP Tutorials	1/25/2018 6:											
		🥪 Files (E:)	VELOCITY-IR-ROUGH-CUT AT-VGW-250_0740305517060200011_(a@a.com).lis	1/24/2018 4: 11/21/2017 8 V											
		🥿 BXS (F:) 🛛 👻	<	>											
		File nam	ne:	v	All Files		~								
					Open	Cancel									
	: '	:					-1	1							
		•••••													

When the pop up appears, select the background image from the local computer. Once selected, press the Open button to load the image to the control screen.



NOTE: To change background options such as: color, gradients, or flat color, use the user interface options within the Room Options menu.

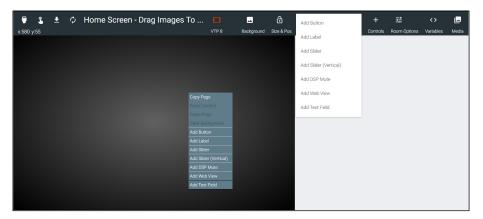
	city							
Custom UI All Sites » ABC » Building 1 » BBB » Custom UI								
🖗 💲 👲 🗘 Home Screen - Drag Images To Canvas To Upload	U VTP 8	Background Size & P	S Gridines	Pages	GO + Screens Contr	rols Room Options Variables	u Media	
Copy Page Base Converts Copy Bage Converts Copy Bag						\bigcirc		

Right click the screen and select Clear Background to remove the background image.



NOTE: Clear only removes the background image, any colors or gradient changes will remain until changed within room options.

Controls



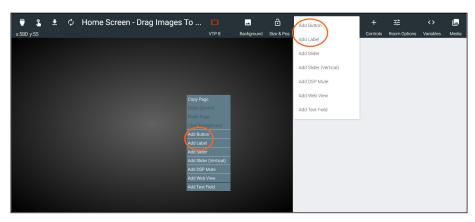
Controls provides a way to create custom buttons, labels, audio sliders, DSP mute, web site view, and text boxes. To create a custom control, use the **+ controls** button or right click in the edit screen area. The new controls will appear within the edit screen area.



NOTE: All controls can be copied, pasted, and deleted using keyboard shortcuts: CTRL +C, CTRL +V, and DELETE. When copy and pasting controls, they will appear on top of the copied control and must be moved in order to adjust each control.



Buttons / Labels



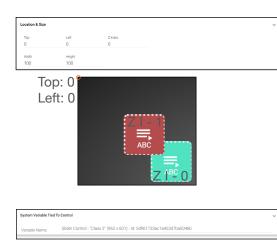
To create a button, select **Add Button** or **Add Label** from either the **+ Controls** button or the drop down menu in the screen field. A custom button can be created/added, see the **Adding Custom Icons** section for information.

	× Properties		Î
	On Press or Tap Macro		
🗳 Custom Ul🥝 All Sites » ABC » Buildir	Macro Commands	Click Add To Create Macro +	^
_	On Release Macro		
🖶 😩 生 💠 Home Screen - Drag Im	Macro Commands	Click Add To Create Macro +	^
x269 y245	On Drag Start Macro 💞	Can Drag	
	Macro Commands	Click Add To Create Macro +	^
	On Drop Macro 🕄		
	Macro Commands	Click Add To Create Macro +	^
	Navigation		~
	Page Navigation		· · ·
New Laber	Location & Size		~
	Top Left Zindex		
	245 269 0		
	Width Height 100 100		
			_
	System Variable Tied To Control		~
	Variable Name: Button Toggle - "BBB" (962 x 601) - Id: 5e95d0daac1a4551c7bd2f5c		_
	Label		~
	Variable 💦 Variable	Ψ.	

Once a control has been added to the edit screen area, it can be customize by right clicking and selecting properties or double clicking the icon field. Fill in each needed field.

- On Press or Tap Macro Select or Add a macro that will be triggered when pressing or taping the button/ label on the control screen.
- On Release Macro Select or Add a macro that will trigger when the button or label is released.
- **Can Drag** slider Select the slider (it will turn green) to allow a button/label to be dragged and dropped. If this is not enabled, On Drag Start Macro and On Drop Macro cannot be used.
- On Drag Start Macro Set the button/label to run a macro or change a variable when the button/label is dragged across the control screen, or if another button is being dragged and released onto this button/label.
- **On Drop Macro** Set the button/label to run a macro or change a variable when the button/label is let go after dragging it across the control screen.
- **Navigation** Set this to be used in the control screens to navigate to different control pages for a room. Select the page from the drop down menu. System pages and already created custom pages will be available in the drop down menu.





Laki
Value: ABC on Variable
H-Alignmer: Center
Valormer: Bottom
Absolute Positonet
Absolute Top:
Ab





Location and Size provides a way to manually input the location of the button, label, or audio control and to adjust the size of each icon or label.

Top / Left - These numbers will adjust the distance from the left or top of the screen that the button/label will appear.

Z Index - Starting at 0, this will provide the order in which icons/ labels will appear. **e.g.** If two buttons overlap, the higher Z index will show in front of the lower Z index button.

Width / Height - Edit the size of the button, label, or audio control. Default is 100 by 100 for buttons/DSP Mute, 200 by 50 for labels, and 300 by 100 for DSP Gain.

System Variable Tied to Control provides a way to name the Variable adjusted by the button. Rename to provide a way to easily adjust the button through macros and other commands.

Label options enables adjustment of name, alignment, positioning, color, and font size for both icons and standalone labels.

Value - Type in the control name, or select from a previously created variable (see Variables section) from the drop down menu.
 H-Alignment / V Alignment - This will automatically position the value within the button or label field.

Absolute Positioned - This will enable the manual placement of the label within the field using the Absolute Top and Absolute Left values.

Absolute Top / Absolute Left - Adjusts the distance from the left or top of the button/label field.

Font Size - Select the label font size from the drop down menu. **Font Color** - Select a custom color for the font.

Buttons are fully customizable from the icon, fill, color, to fit.

Image - Velocity provides a full range of icons to select from, or new images can be uploaded and used. Images must be .PNG, .JPG, .JPEG, or .BMP. See the Adding Custom Icons and Managing Custom Icons sections for more information.

Fill - Select a custom background color for the button.

Depressed Shadow - Enable this option and then select a color to display when the button is pressed.

Fit - Select how the selected image will display on the button. If the image is larger than the icon, the selected fit type will result in a varying look.

Drop Shadows can be added to the buttons. (Not valid for labels)

Enable - Select to show drop shadows on a button.

Color - Select the color box and choose from the .

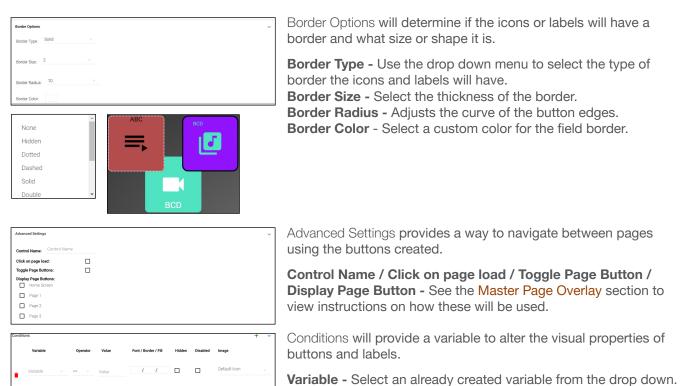
Horizontal - Set how much drop shadow will appear on the sides of the button.

Vertical - Set how much drop shadow will show above and below the button.

Blur Radius - Set the amount of fading for the drop shadow. **Spread Radius** - Set how far out the drop shadow will display. **Opacity** - Set how strong the drop shadow displays. The lower the number, the more the drop shadow will blend into the background.







Operator - Sets the properties of the value that triggers the settings in this condition. Properties are: equals, less

than or equals, greater than or equals, greater than, or not equal to. **Value -** Set the value to trigger the settings in this condition.

Font/Border/Fill - Set colors that will trigger when the values are met.

Hidden - Hides the button if the values are met.

Disabled - Enable or disable the button's function. No commands or macros attached to this button will execute when disabled.

Image - Changes the icon when the values are met.

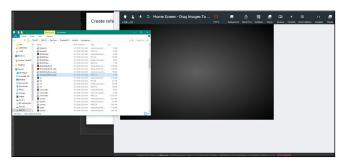
NOTE: View the Macros & Variables Button Configurations section to see more about conditions and uses.

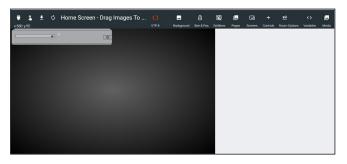


Adding Custom Icons

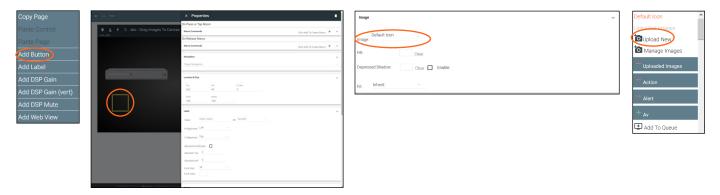
Custom icons can be added in two ways: through the Icon drop down menu within the button configuration or by dragging and dropping the image into the custom UI edit page.

• **Drag and drop** - New icons can be added by dragging an image file (.PNG, .JPG, .JPEG, or .BMP) from the local computer onto the page edit screen. A plus sign will appear on the icon as it is dragged into the edit field and then it can be released. Once released, the image will appear as a button on the exit edit field.





• Import from local computer - Right click the edit screen and select Add Button from the drop down menu. A new square will appear on the edit screen, double click it to open the button edit screen. Select Upload New from the lcon drop down menu and a new pop up will appear.



Select the **UPLOAD OR DRAG** button to locate a file on the local computer. Once selected press the **Open** button. A preview icon will appear in the pop up. Select the current room to assign the icon or leave unassigned selected, then name the image and select the **CREATE REFERENCED IMAGE**.

Create referenced image		🔮 Open	×	Create referenced image
		$\leftarrow \ \ \rightarrow \ \ \land \ \ \ \ \ \ \ \ \ \ \$	> b Seach LineArt	oroute referenced image
Image • U	PLOAD OR DRAG	Figure 2 is the first is the back is th		Create referenced image
Label Value: Static Value H-Aligr Default Icon Upkaded Images V-Align Dupload New Absolu Manage Images Absolu Upkaded Images Absolu Absolu Upkaded Images			CONTENTIONES MADE	fown menu. Select the image e edit page.



Managing Custom Icons

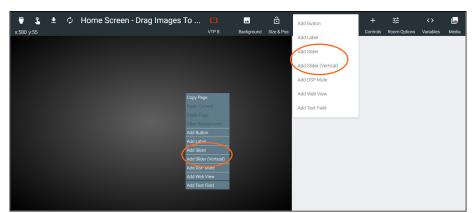
Once images are uploaded, they can be edited, copied, or deleted from the Reference Image List page. To get to the page, select Manage Images from the icon drop down menu. A new page will open.

efault Icon	io	Referenced Image	e List					_	
ploaded Images		Showing All Referenced I	mages			+			
Upload New		Name	Folder	Last Change	Changed By			'U'	
Manage Images		BLURAYInefront_color.png	Oustorn GUI:Class 1	10 Minutes			_		
		BLURAVIne.jpg	Custom GUI Class 1	12 Minutes			EDIT	COPY	DELETE
Uploaded Images		Speakers	Custom GUI Class 1	30 Minutes	Muntner, Nathan	N			
Images: Custom GUI:Clas		Atlona_Logo_White_All.png	control	30 Minutes					
Popular Autorenew									
Build									
Done									
Eject									
Help									
• Home 💌			Q SEARCH			> 😑			

Use the edit icon to adjust name and assignment, the copy icon to duplicate the image, and the delete icon to remove any extra or unneeded images from the system.



Slider - Horizontal/Vertical



To create a slider, select **Add Slider** or **Add Slider** (Vertical) from either the **+ Controls** button or the drop down menu in the screen field.

≡ C Hepγ	× Properties	j
Modify Screens All Sites » QA1 » Building	Audio Centrol Links	~
🗑 💲 🛓 🗘 Master - Drag Images To Canvas x70 y45	Audio Device ~	•
Aùđio Gàin	Audio Channel ~	
	Mute Audo Channel -	
-Aŭðið Gain		~
	Top Left Zielev 45 70 0 Wom wegt 300 100	
		×
t		~
	Value: Audo GanQR_VariableH Algoment: Left	
	V-Alignment Top -	
	Absolute Positioned Absolute Top: 0	
Annulas ANA serie in Alexandri, Balas Barrid, I	Absolute Left: 0 Ford Size: 18 -	

Once a control has been added to the edit screen area, it can be customize by right clicking and selecting properties or double clicking the icon field. Fill in each needed field.

Audio Control Links 🗸	Sliders will need to be set to a specific device for control.
Audo Device -	Audio Device - Select the audio DSP that has already been added and set up in the room.Audio Channel - Choose the channel from the drop down menu.
Mute Audio Channel -	Only channels already added to the room DSP are selectable.

Mute Audio Channel - Select the mute command from the drop down list that corresponds with the Audio Channel device.

Show Incremental + and - (horizontal slider only)- Select to have a value appear on the slider when adjusting levels.

Location & Size		
Тор	Left	Z Index
0	0	0
Width	Height	
100	100	

Location and Size provides a way to manually input the location of the button, label, or audio control and to adjust the size of each icon or label.



Top / Left - These numbers will adjust the distance from the left or top of the screen that the button/label will appear.

Z Index - Starting at 0, this will provide the order in which controls will appear. **e.g.** If controls overlap, the higher Z index will show in front of the lower Z index button. **Width / Height -** Edit the size of the button, label, or audio control. Default is 300 by 100 for DSP Gain.



System Variab	le Tied To Control			~
Variable Nam	e. Slider Control	- "Class 2"	2" (962 x 601) - ld: 5d961733ac1a453d7ba5046b	
Label				~
Value:	Audio Gain	06	R Variable ~	
H-Alignment:	Left			
V-Alignment:	Тор			
Absolute Posi	tioned:			
Absolute Top:	0			
Absolute Left	0			
Font Size:	18			
Font Color:				

System Variable Tied to Control provides a way to name the Variable adjusted by the slider. This will provide a way to easily adjust the slider through macros and other commands.

Label allows for the slider label to have it's position, size, and color adjusted.

Value - Type in the control name, or select from a previously created variable (see Variables section) from the drop down menu.
 H-Alignment / V Alignment - This will automatically position the value within the slider field.

Absolute Positioned - This will enable the manual placement of the label within the field using the Absolute Top and Absolute Left values.

Absolute Top / Absolute Left - Adjusts the distance from the left or top of the slider field.

Font Size - Select the label font size from the drop down menu.

Font Color - Select a custom color for the font.

Track Options	~
Active Track Color:	
Inactive Track Color:	
Selected Track Color:	
Handle Fill Color at Zero:	
Track Options Active Track Color: Inactive Track Color: Selected Track Color: Handle Fill Color at Zero:	Audio Gain Audio Gain

Audio Gain can have varied looks based on usage.

Active Track Color - The gain bar will display this color when the DSP is actively sending audio.

Inactive Track Color - The color selected will display when the volume bar is not being used.

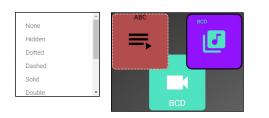
Selected Track Color - Select the color the gain bar will be while adjusting volume.

Handle Fill Color at Zero - Select how the selected image will display on the button. If the image is larger than the icon, the selected fit type will result in a varying look.

NOTE: When the volume is being adjusted, the volume bar will display grey.
 NOTE: A light circle will display around the volume indicator until the volume bar is deselected.

Border Options will determine if the icons or labels will have a border and what size or shape it is.

Border Type - Use the drop down menu to select the type of border the icons and labels will have. **Border Size -** Select the thickness of the border. **Border Radius -** Adjusts the curve of the button edges. **Border Color** - Select a custom color for the field border.



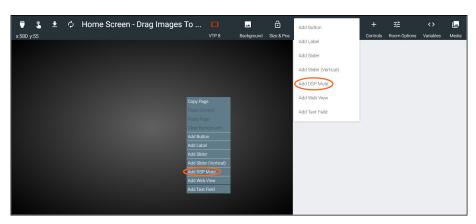
order Onti

Border Type:

Border Radius



DSP Mute



To create a DSP Mute button, select Add DSP Mute from either the + Controls button or the drop down menu in the screen field.

	× Properties	Î
All Sites » QA1 » Buildin All Sites » QA1 » Buildin	Audio Control Links	~
🖶 🤰 👌 🧄 Master - Drag Images To Canva	Audio Device	
	Audio Channel	
Addio Gain	Location & Size Top Left Z Index 395 407 0	~
Aùðið Gain	Sys aU/ u Wath Height 100 100	
	Label Value: Static Value OR Variable	×
Copyright ©2019 Atlana Inc (atlona.com). All Rights Reserved. (Phone: -	Border Options	v •

NOTE: The DSP Mute button will display icons by status. No icon will display on the page edit screen.

Once a control has been added to the edit screen area, it can be customize by right clicking and selecting properties or double clicking the icon field. Fill in each needed field.

and set up in the room.

Audio Control Links	~
Audio Device	
Audio Channel	
Mute Audio Channel	

Location & Size		
Тор	Left	Z Index
0	0	0
Width	Height	
100	100	

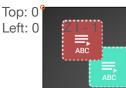
or label.

DSP Mute will need to be set to a specific device for control.

Audio Device - Select the audio DSP that has already been added

Audio Channel - Choose the channel from the drop down menu. Only channels already added to the room DSP are selectable.

Location and Size provides a way to manually input the location of the button, label, or audio control and to adjust the size of each icon



Top / Left - These numbers will adjust the distance from the left or top of the screen that the button/label will appear.

Z Index - Starting at 0, this will provide the order in which controls will appear. e.g. If controls overlap, the higher Z index will show in front of the lower Z index button. Width / Height - Edit the size of the button, label, or audio control. Default is 300 by 100 for DSP Gain.



Label			
Value:	Audio Gain	OR Variable	
H-Alignment:	Left		
V-Alignment:	Тор		
Absolute Posi	tioned:		
Absolute Top:	0		
Absolute Left	0		
Font Size:	18		
Font Color:			

Label allows for the slider label to have it's position, size, and color adjusted.

Value - Type in the control name, or select from a previously created variable (see Variables section) from the drop down menu.
 H-Alignment / V Alignment - This will automatically position the value within the slider field.

Absolute Positioned - This will enable the manual placement of the label within the field using the Absolute Top and Absolute Left values.

Absolute Top / Absolute Left - Adjusts the distance from the left or top of the slider field.

Font Size - Select the label font size from the drop down menu.

Font Color - Select a custom color for the font.

Border Options				~
Border Type: Solid				
Border Size: 2				
Border Radius: 10				
Border Color:				
None	^	ABC	BCD	
Hidden			- I J	
Dotted				

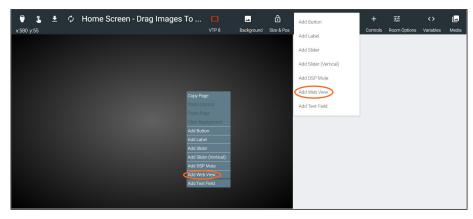
Border Options will determine if the icons or labels will have a border and what size or shape it is.

Border Type - Use the drop down menu to select the type of border the icons and labels will have. **Border Size -** Select the thickness of the border.

Border Radius - Adjusts the curve of the button edges. **Border Color** - Select a custom color for the field border.

Web View

Dashed Solid



To create a Web View field, select **Add Web View** from either the **+ Controls** button or the drop down menu in the screen field.

≡ Cl Help×	× Properties	3		•
Modify Screens All Sites * ABC * Building 2 * Cla	URL To Load			~
🗑 💲 🛓 🗘 Master - Drag Images To Canvas To Uplo	URL			_
x:145 y:96	Sandboxing Permissions			~
	Sandbox Iframe			•
Please double click	Scrollbars			~
control to add a URL for	Show ScrollBars			•
this web view	Location & Size			~
	Тор	Left	Z Index	
	96	145	0	
	width 400	Height 400		_
	System Variable Tied To	Control		~
	Variable Name:	Web View - "Class 2" (9	62 x 601) - ld: 5d97d759ac1a453a8ee558a5	_



Once a control has been added to the edit screen area, it can be customize by double clicking the icon field. Fill in each needed field.

URL To Load	×
URL	
https://atlona.com	
Sandboxing Permissions	~
Sandbox Iframe	01
Sandboxing Permissions	~
Sandbox Iframe	•
Allow Forms	
Allow APIs	
Allow Popups	
Allow Same Origin	
Allow Scripts	
Allow Top Navigation	

URL To Load allows a specific web site to be loaded into the control screen. Velocity must have internet access for this to display.

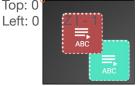
Sandboxing Permissions will set the permission levels on what is allowed to be passed from the URL. This will allow the blocking / allowing of Forms, APIs, Popups, Same Origin, Scrips, and Top Navigation within the web view field.

Scrollbars slider allows (green) or blocks (grey) the web page's scrollbars to appear within the Web View field.

Location and Size provides a way to manually input the location and

Location & Size		
Тор	Left	Z Index
0	0	0
Width	Height	
100	100	

Top: 0



Top / Left - These numbers will adjust the distance from the left or top of the screen that the web view will appear.

Z Index - Starting at 0, this will provide the order in which controls will appear. e.g. If controls overlap, the higher Z index will show in front of the lower Z index button. Width / Height - Edit the size of the web view field. Default is 400 by 400.

adjust the size of the web view.

System Variabl	le Tied To Control			×
Variable Nam	e: Slider Ci	ontrol - "Cla	s 2° (962 x 601) - ld: 5d961733ac1a453d7ba5046b	
Label				
Value:	Audio Gain		CR Variable ~	
H-Alignment:	Left			
V-Alignment:	Тор			
Absolute Posi	itioned:			
Absolute Top:	0			
Absolute Left	0			
Font Size:	18			
Font Color:				

System Variable Tied to Control provides a way to name the Variable adjusted with the web view field. Rename to provide a way to easily adjust the web view through macros and other commands.

Label allows for the web view label to have it's position, size, and color adjusted.

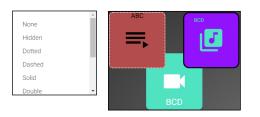
Value - Type in the control name, or select from a previously created variable (see Variables section) from the drop down menu. H-Alignment / V Alignment - This will automatically position the value within the field.

Absolute Positioned - This will enable the manual placement of the label within the field using the Absolute Top and Absolute Left values.

Absolute Top / Absolute Left - Adjusts the distance from the left or top of the field. Font Size - Select the label font size from the drop down menu.

Font Color - Select a custom color for the font.

Border Options		
Border Type:	Solid	
Border Size:	2	
Border Radius:	10	
Border Color:		



Border Options will determine if the icons or labels will have a border and what size or shape it is.

Border Type - Use the drop down menu to select the type of border the icons and labels will have.

Border Size - Select the thickness of the border.

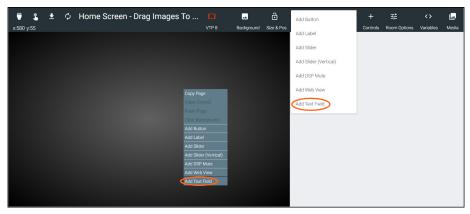
Border Radius - Adjusts the curve of the button edges.

Border Color - Select a custom color for the field border.



Text Field

This field allows the end user to add, edit, or change a variable within a popup keyboard. For each text field, there will be an associated variable that will be changed by the popup keyboard.



To create an adjustable text field, select **Add Text Field** from either the **+ Controls** button or the drop down menu in the screen field.

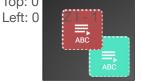
≡ Ω Helpγ	× Properties	3			Î
	On Release Macro				
All Sites » ABC » Building 2 » Cla	Macro Commands			Click Add To Create Macro +	^
📱 💲 单 🗘 Master - Drag Images To Canvas To Uplo	Location & Size				~
x287 y.176	Тор	Left	Z Index		- 1
	176	287	0		- 1
	Width	Height			- 1
	225	75			
	System Variable Tied To	Control			~
DMý Ťéxt Bóx	Variable Name:	Text Box - "Class 2" (96	2 x 601) - ld: 5d97dcb9ac1a453a8ee558a7		. 1
<u> </u>	Label				~
	Value: My Text	Box	R Variable ~		- 1
	H-Alignment: Left				1
	V-Alignment: Top				
	Absolute Positioned:				
	Absolute Top: 0				
	Absolute Left: 0				
	Font Size: 15				
	TextBox Font Size:	34			
	TextBox Underline Cold	x			
Copyright ©2019 Atlona Inc (atlona.com). All Rights Reserved. Phone: +1 877.53	TextBox Focused Unde	erline Color:			

Once a control has been added to the edit screen area, it can be customize by double clicking the icon field. Fill in each needed field.

On Release Macro - Select or Add a macro that will trigger when the user selects the text field button. This can be used to trigger a command or greeting to change when the button is used.

Location & Size			
Тор О	Left	Z Index 0	
Width 100	Height 100		
Top: (Top / Left - Thes

Location and Size provides a way to manually input the location and adjust the size of the web view.



Top / Left - These numbers will adjust the distance from the left or top of the screen that the web view will appear.

Z Index - Starting at 0, this will provide the order in which controls will appear. **e.g.** If controls overlap, the higher Z index will show in front of the lower Z index button. **Width / Height -** Edit the size of the web view field. Default is 400 by 400.

System Variable Tied	I To Control	
Variable Name:	Text Box - "Class 2" - Change Greeting	

System Variable Tied to Control provides a way to name the Variable adjusted by the slider. This will provide a way to easily adjust the slider through macros and other commands.



Label			
Value:	My Text Box	OR Variable	
H-Alignment:	Left		
V-Alignment:	Тор		
Absolute Posi	itioned:		
Absolute Top:	0		
Absolute Left	0		
Font Size:	15		
TextBox Font	Size: 34		
TextBax Unde	erline Color:		
Enable Buttor			
TextBox Butto	-		
TextBox Butto	on Text: GO!		
TextBox Butto Font Color:	Font Color: on Color:		

Label allows for the slider label to have it's position, size, and color adjusted.

Value - Type in the control name, or select from a previously created variable (see Variables section) from the drop down menu.
 H-Alignment / V Alignment - This will automatically position the value within the slider field.

Absolute Positioned - This will enable the manual placement of the label within the field using the Absolute Top and Absolute Left values.

Absolute Top / Absolute Left - Adjusts the distance from the left or top of the slider field.

Font Size - Select the textbox label font size from the drop down menu.

TextBox Font Size - Select the font size from the drop down menu for the adjustable text within the textbox field. **TextBox Underline Color** - Select a custom color for the underline for the text field when unselected.

TextBox Focused Underline Color - Select a custom color for the underline for the text field when selected.

Enable Button - Enable to provide a button that will run the macro attached to the textbox field.

TextBox Button Width - Sets the size of the textbox button. Default is 100.

Textbox Button Text - Set the message that appears on the button for the text field.

Textbox Button Text: Font Color - Set the color of the font on the button for the text field.

Textbox Button Color - Sets the color of the textbox label.

Sorder Options				~
Border Type: Solid				
Border Size: 2				
Border Radius: 10				
Border Color:				
None	-	ABC	BCD	
Hidden		=		

Border Options will determine if the text field will have a border and what size or shape it is.

Border Type - Use the drop down menu to select the type of border the text field will have.

Border Size - Select the thickness of the border.

Border Radius - Adjusts the curve of the button edges.

Border Color - Select a custom color for the field border.

Dotted Dashed Solid



Pages



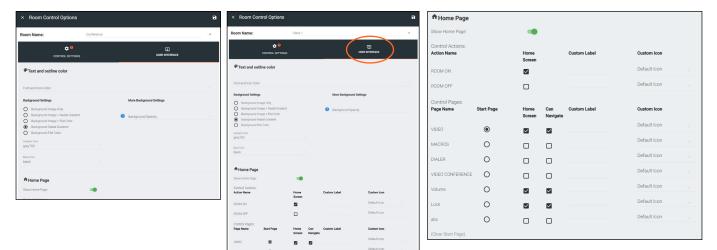
Multiple custom pages can be created for each room. Press the pages button to open the pages menu. The menu provides the ability to add, rename, delete, and switch edit screens.

- Press the + button to add a new page.
- Type in a new label in the page name field.
- Press the **select** button to open the edit screen for the selected page.
- Use the trash can button to delete pages. A confirmation pop up will appear, press submit to confirm the deletion.



Once the pages have been created. They must be set to visible in order to view and use it within the control screen.

- Select the Room Control Options button from the top navigation.
- Select the USER INTERFACE tab.
- Scroll to the Home Page section.
- Select which places the custom pages will show up: Start page (this can only be chosen for one page), an icon
 on the Home Screen, or found within the Navigation menu of the control screen.



×	Pages	+
÷	Home Screen	SELECT



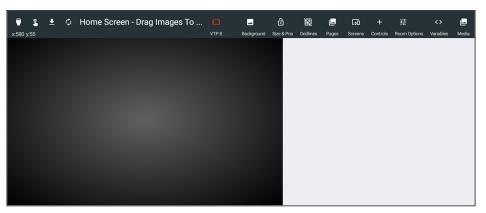
Master Page Overlay

Velocity has provided an easy way to create communal controls that span across multiple pages without having to copy and paste them into each page. For examples this page is called Master. The page may be called anything and multiple "masters" can be created.





- It is best to start with pages that have already been created. The pages do not need to be set up, just created. In this case, an example of one master page and three individual pages will be used.
- Select the **Pages** button from the top navigation.
- Press the SELECT button located next to the page labeled Master.



• To become a master page, buttons linked to the other pages must be created. Add one button for each page to be linked.

" 💃 x:580 y:55	± (Home Screen - Drag Images ⁻	То		Background	Gize & Pos	Add Button	+ Controls	로 Room Options	<> Variables	La. Media
							Add Slider				
							Add Slider (Vertical)				
							Add DSP Mute				
			Сору Рас	e			Add Web View				
							Add Text Field				
			Add Butte								
			Add Labe								
				r (Vertical)							
			Add DSP								
			Add Web Add Text								

- Once the buttons have been created, open the properties menu by right clicking and selecting properties or double clicking the icon field.
- At this time, the buttons do not need to be completely set up, but it is best to provide it with a label or variable to be able to differentiate between them.



	On Dray otart macro	canorag	-
≡ C Hop≁	Macro Commands	Click Add To Create Macro +	^
	On Drop Macro		
Modify Screens All Sites » ABC » Building 2 » C	Macro Commands	Click Add To Create Macro +	^
🛢 💲 🗶 🗘 Master - Drag Images To Canvas To Up	Navigation		~
x30 y57	Page Navigation		-
(Page 1	Location & Size		~
	Top Left 2 Index 57 30 0		
	With Height 100 100		
Page 2	Label		-
	Value: Page 1 OR Variable ~		
	H-Alignment: Left -		
Page 3	V-Algnment Top ~		
	Absolute Positioned:		
	Absolute Left: 0		
	Font Size: 18		
	Font Color:		_
President (2010) History for (attain over). All Diritite Designed 1 Direct 41 977 5			

• Scroll down to the **Advanced Settings** section.

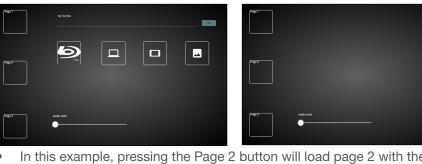
Control Name: Control Name
Click on page load:
Toggle Page Buttons:
Display Page Buttons: Home Screen
Page 1
Page 2
Page 3

Control Name - Providing a name here will allow this click function to be called up in other macros.

Click on page load - Enable this box on only one of the buttons, this will set that page to be the first loaded when the master page is opened.

Toggle Page Buttons - This will set this button to show and hide the buttons on the page selected within the Display Page Buttons.

		Home Screen -	Border Options
<25 y 239 Page 1			Border Type: Solid ~
			Border Size: 2
			Border Radius: 10 ~
Page 2	٦		Border Color:
			Advanced Settings
	2		Control Name: Control Name
			Click on page load:
			Toggle Page Buttons:
Page 3		Auđio Gain	Display Page Buttons: Home Screen
			Page 1
		·····	Page 2
			Page 3



In this example, pressing the Page 2 button will load page 2 with the buttons and text fields. Pressing the Page 2 button a second time will remove all the fields associated with Page 2 (e.g text box and 4 source buttons).

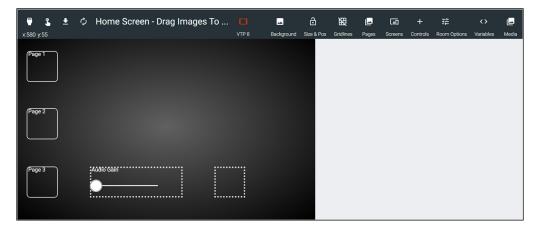
Display Page Buttons - This associates the currently selected button to the specified page.

• Set each button to a specific page. In this example, each button is associated with the page corresponding to its Value: Page 1 to Page 1, Page 2 to Page 2, and Page 3 to Page 3. Page 1 will be the page loaded into the control screen when the master is navigated to.

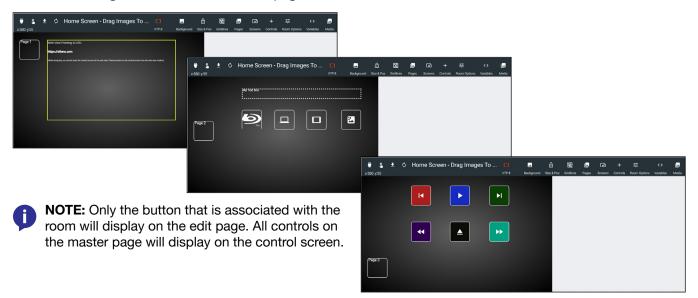
Click on page load:	Click on page load:	Click on page load:	
Display Page Buttons: Master	Display Page Buttons: Master	Display Page Buttons:	
Page 1	Page 1	Page 1	
Page 2	Page 2	Page 2	
Page 3	Page 3	Page 3	



• Add the rest of the master controls to the page. These controls will appear across all the linked pages within the control screen. They will not display across all the edit screens.



Finish adding controls to the rest of the pages.



- Select the Room Options buttons.
- Click on User Interface

🗑 😩 生 🗘 Home Screen - Drag Im	ages To 🗖	Background Size & Pos		ages Screens Contro	ols Room Options		M edia
× Room Control Options B Room Name: Conference •	× Room Control Options		×	Control Pages: Page Name	Start Page	Home Screen	Can Navigate
	CONTROL SETTINGS			VIDEO	۲	\checkmark	\checkmark
Text and outline color	Text and outline color			VIDEO WALL	0		
Fort and icon Color	Background Settings O Background Image Only	More Background Settings		MACROS	0		
Estargonal Image Oxfu Estargonal Image - Ratal Goster Estargonal Image - Ratal Goster Estargonal Image - Rata Coire Estargonal Image - Rata Coire Estargonal Image - Rata Coire	Background Image + Radial Cradient Background Image + Flat Color Background Radial Gradient Background Radial Cradient Background Flat Color	 Background Opacity 		DIALER	0		
Background Plat Cabe Guiden Cole gmy/X0	Gradient Color grey/700 Reve Color			VIDEO CONFERENCE	0		
Boot Color Black -	black			Master	0	\checkmark	~
A Home Page	Home Page Show Home Page Control Actions:			Page 1	0		
	Action Name Home Screen	Ountorn Label Custom Icor Default Icor		Page 2	0		
	ROOM OFF	Can Quitors Label Custom for		Page 3	0		
	VIDEO I I I I I I I I I I I I I I I I I I I	Navigate Default loor	· · ·				

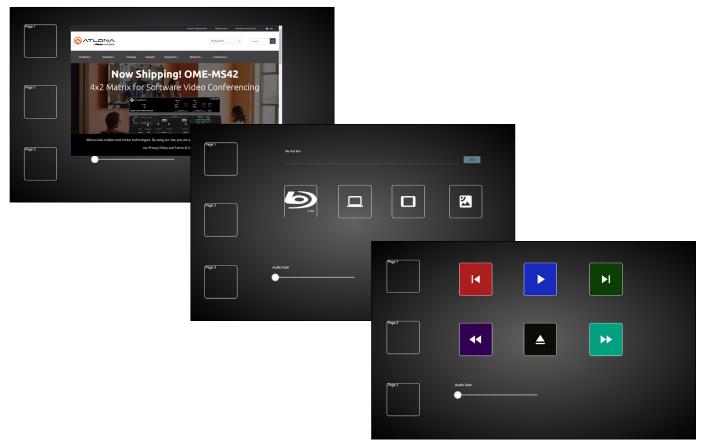


- Select where the custom pages will show up: On the Home Screen or found within the Navigation menu of the control screen.
- Launch the control screen.
- Select Master button.

C ± ¢ Home Screen - Drag Images To ... □
F55 VTP 8 Background



• View all the pages and ensure they are set up correctly. Page 1 was selected as Click on Page Load and will be the first page loaded. Edit any pages that need editing.



• Repeat for as many pages and masters as needed. The room is now ready to be controlled.

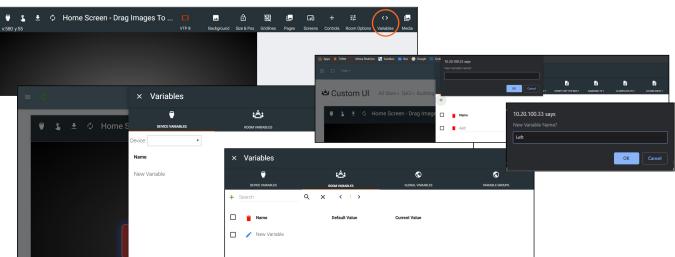


Gridline

Gridlines will help with alignment of buttons and labels. The grid will appear only on the control screen edit page and will not appear on the control screen.

Room Options

View the Control Settings and User Interface sections within the sites to go over the room options. This menu will provide quick access to macros, room selectors, and more.



Variables

Variables are functions that can be set and changed based on set events. They can be created in the variables menu. By default, Device Variables will be open, but all variables on Velocity can be accessed through the tab labeled Global Variables.

- Select Room Variables from the top selections.
- Press the + button to add a new variable. A browser pop up will appear.
- Enter a name for the variable in the New Variable Name box. *If no name is given it will create a new variable with the name: New Variable, which can be changed from within the Variable list.

NOTE: If the new variable or a renamed variable does not display in the correct alphabetical order, use the browser refresh/reload button to force the menu to reload.

- Select the OK button.
- If needed, enter a value into the Default Value field. Values can be any alphanumeric value.
- Use the trash can button to delete any unneeded variables.

Once variables are created, they can be used to alter the looks of buttons and labels. To change the buttons/labels, Macros and Conditions must be used. These provide a way to indicate what that status of a device or button is. View the Macros & Variables Button Configurations section to view different ways to use variables.



Variable Groups

Once Variables are created, they can be grouped. This can be used to display status, such as with power or input toggling. The group variable will toggle between 1 (active) and 0 (inactive), only one device can be set to 1 (active).

• Select the Variable Groups from the top navigation of the Variables menu.

× Variables			<u> </u>	× Var	iables			
		GLOBAL WARRARLES			CE VARIABLES	KOOM VARIABLES	CLOBAL VARIABLES	VARIA
Groups of variables allows you variables in the group become	u to group variables which are either 1 or	0, If any single value gets set to any valu	ue (it will turn to 1) and all other	Groups of va			0. If any single value gets set to any valu	_
earch d	Q X < 1 >			Name	Group Name	e 123	Current Value	
Name	Group Name Non-Grouped Varia	Current Value		ABC		123	+ 1	
Name	Non-Grouped Variables	Add New Group Green						
5e18ec1aac1a457ae75c8aN Ob	Ion-Grouped Variables	Add New Group Green		× Vari	iables			
5e90bbc4ac1a4551c7bcb N b70	Ion-Grouped Variables	Add New Group Green		DEVI	CE VARIABLES	KOOM VARIABLES	GLOBAL VARIABLES	VARIABLE G
5e90bbc4ac1a4551c7bcb N b72	Ion-Grouped Variables ~	Add New Group Green			riables allows you to group v he group become 0.	variables which are either 1 or 0). If any single value gets set to any value	(it will turn to 1) and a
				Name	Group Name	123	Current Value	
				ABC		123	· + 1	
				CDE		123	- + 0	

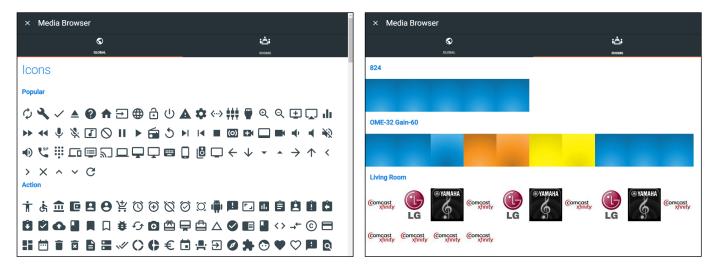
- Select the + button next to a variable. A new field will appear. Enter a variable name (e.g. ABC) and a Group name (e.g. 123). The screen will auto navigate to the newly created group. There will only be one Variable in the group and it will be set to the value 1.
- *Optional* Use the + button to create a new variable to be created.
- Select Non-Grouped Variables from the Group Name drop down menu.
- Scroll to a previously created variable and select the group name from the drop down menu next to it. This will associate that variable to the new group. This variable will automatically be set to 0.







Media provides a view of all icons currently in Velocity, with the ability to see which ones are being used per room as well. Open the menu using the **Media** button and switch between seeing all icons within Velocity (Global) and icons by room (Rooms).







Macros & Variables Button Configurations

Extra macro options have been created to work with the custom UI buttons, to change variables and trigger functions. The buttons can be used to trigger changes to volume, power, inputs, and more, using If Logic, If Else, Send Commands, Decrement, Increment, and Append Variables macro values.

IF LOGIC

IF LOGIC provides programmable commands based on current settings. Some uses of the **IF LOGIC** may be to mute or unmute audio, turn a display on or off, change sources, and much more.

The example below will provide examples of setting up and using a four button use case with three source buttons and one display button. The Display button will adjust based upon the variable and condition options set up, in this case, providing a way to confirm the source selection.



- Open the first function button's edit screen. e.g. BluRay
- Create a macro. The function SET VARIABLE may be used for labeling changes.
- Repeat the macro for all three source buttons.

BluRay Button

× Proper	rties							Î
On Press or Tap	Macro							
BluRay							•	+ ~
Hide In:	Drawer		Preset Page					
Command 1		Custom Value:						
Device:		Velocity		Ŧ				
Command:		SET VARIABLE		Ŧ				
Parameters:								
Device:		SYSTEM		*				
Variable:		Source		Ŧ				
Value:		Press to select BluRay						
Repeat:	0 *	Interval: 10)	ms	Delay (After):	0	ms	:

SetTopBox Button

On Press or Tap	Macro						
Macro Name						•	+ ~
Hide In:	Drawer	Pre:	set Page				
Command 1		Custom Value:					
Device:		Velocity	×				
Command:		SET VARIABLE	Ŧ				
Parameters:							
Device:		SYSTEM	*				
Variable:		Source	Ŧ				
Value:		Press to select SetTopBox					
Repeat:	0 *	Interval: 10	ms	Delay (After):	0	ms	:

Setting a label change on press, requires the following selections:

Device - Velocity

Command Parameters - SET VARIABLE

Device - SYSTEM

- Variable (select a variable from drop down list) e.g. Source
- Value (set the new variable value here) e.g. Press to select BluRay

Device - Velocity

Command Parameters - SET VARIABLE

Device - SYSTEM

- Variable (select a variable from drop down list) e.g. Source
- Value (set the new variable value here) e.g. Press to select SetTopBox



DVD Button

On Press or Tap	Macro						
Macro Name						•	+ ~
Hide In:	Drawer	Pres	set Page				
Command 1		Custom Value:					
Device:		Velocity	Ŧ				
Command: Parameters:		SET VARIABLE	Ŧ				
Device:		SYSTEM	×				
Variable:		Source	*				
Value:		Press to select DVD					
Repeat:	0 *	Interval: 10	ms	Delay (After):	0	ms	:

Device - Velocity

Command Parameters - SET VARIABLE

Device - SYSTEM

Variable - (select a variable from drop down list) e.g. Source

Value - (set the new variable value here) e.g. Press to select DVD

- Open the Display button's edit menu.
- For the display button, an IF LOGIC selection will be used. This will provide a click verification for switching sources, to avoid any misclicks. The IF LOGIC will compare the operator and variable values to determine what function it will perform. If the current variable value does not match any of the commands, nothing will occur.

On Press or Tap	Macro							
Macro Name						•	+	`
Hide In:	Drawer			Preset Page				
Command 1		Cust	om Value:					
Device:		Ve	locity					
Command: Parameters:		IF	LOGIC	¥				
Variable:		IF	Source	×				
Operator:				٠				
Value:		Press to select BluRay		luRay				
		TH	EN					
Run Macro:			C Macro ("Ne	w Room" Event): Play *				
Set Variable:			BluRay					

× Propert	ties								î
On Press or Tap I	Macro								
Macro Name								•	+ ~
Hide In:	Drawer			Preset Page					
Command 1		Custom Va	lue:						
Device:		Velocity			*				
Command: Parameters:		IF LOGIC			Ŧ				
Variable:		IF Sou	rce		٠				
Operator:					٣				
Value:		Press	to select B	luRay					
		THEN							
Run Macro:		G	Macro ("Ne	w Room' Event): F	ay ∗				
Set Variable:		BluRa	iy.						
Repeat:	0 •	Interval:	1	0	ms	Delay (After):	0	ms	:
Command 2		Custom Va	lue:						
Device:		Velocity			Ŧ				
Command:		IF LOGIO			Ŧ				

Command 1

Device - Velocity

Command Parameters - IF LOGIC

IF

- Variable (select a variable from drop down list) e.g. Source
- **Operator** (select an operator from drop down list) **e.g.** == (equals to)
- Value (Provide the variable value to match, that will trigger the THEN values) e.g. Press to select BluRay

THEN

Run Macro - (Select from previously created macros) e.g. Macro - Play BluRay

Set Variable - (set the new variable value here) e.g. BluRay

NOTE: When selected, the IF operator and value will compare to the current variable value and trigger the THEN options when both values are met.



Since there are 3 source buttons, use the green + buttor	
Command 2	Command 3
Device - Velocity	Device - Velocity
Command Parameters - IF LOGIC	Command Parameters - IF LOGIC
IF	IF
Variable - (select a variable from drop down list) e.g. Source	Variable - (select a variable from drop down list) e.g. Source
Operator - (select an operator from drop down list) e.g. == (equals to)	Operator - (select an operator from drop down list) e.g. == (equals to)
 Value - (Provide the variable value to match, that will trigger the THEN values) e.g. Press to select DVD 	Value - (Provide the variable value to match, that will trigger the THEN values) e.g. Press to select SetTopBox
THEN	THEN
Run Macro - (Select from previously created macros) e.g. Macro - Play DVD	Run Macro - (Select from previously created macros) e.g. Macro - Start SetTopBox
Set Variable - (set the new variable value here) e.g. DVD	Set Variable - (set the new variable value here) e.g. SetTopBox
Scroll to the label section and select Source from the va	riable drop down. This will alter the label of the display

Scroll to the label section and select Source from the variable drop down. This will alter the label of the display button to give the current variable value.

Label			~
Value:	Static Value	OR Source	
H-Alignment:	Center	×	
V-Alignment:	Тор	·	
Absolute Pos	itioned: 🔽		
Absolute Top	10		
Absolute Left	20		
Font Size:	18	·	
Font Color:			

Scroll to the Conditions section. These conditions will provide a new look for the display button to provide a visual representation of the selected source. The button font, border, fill, and icon may be changed through conditions. The button may also be hidden or disabled when the operator and value of the condition are met.

onditions										+	~
Varia	ble	O	perator	Value	Font / Bord	er / Fill	Hidden	Disabled	Image		
Source	2	==	~	BluRay					Default Icon		~
Source		==	v	SetTopBox	/				Default Icon		~
Source		==	Ŧ	DVD		/			Default Icon		~



Using the previous example options, the Display button will fill to match the color of the selected source.



System is idle, nothing has been selected.



System is idle, nothing has been selected.



System is idle, nothing has been selected.



The BluRay button has been selected.



The SetTopBox button has been selected.



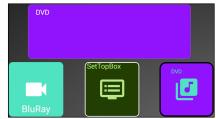
The DVD button has been selected.



The Display button has been used to confirm BluRay selection.



The Display button has been used to confirm SetTopBox selection.



The Display button has been used to confirm DVD selection.



IF ELSE

IF ELSE macros can be used when using a variable to prompt commands based on multiple values, such as using a button to toggle a device on and off.

The example below will provide examples of setting up a single display button that can toggle between options. The Display button will adjust based upon the variable and condition options set up.

- Open the Display button's edit menu.
- For this example, the **IF ELSE** selection will be used. This will provide a way to toggle between functions with each click of the button.

× Properties		Î
On Press or Tap Macro		
Macro Name	>	+ ~
Hide In: Drawer	Preset Page	
Command 1	Custom Value:	
Device:	Velocity •	
Command: Parameters:	IF ELSE LOGIC (TOGGLE) +	
Variable:	IF v	
Operator:	×	
Value:	Comparison Value	
	THEN	
Run Macro:	C	
Set Variable:	Variable Value	
	ELSE	
Run Macro:	C	
Set Variable:	Variable Value	
Repeat: 0 -	Interval: 10 ms Delay (After): 0 ms	5

Macro Name							•	+ ~
Hide In:	Drawer			Preset P	age]		
Command 1		Cust	om Value:					
Device:		Ve	locity		¥.			
Command: Parameters:		IF	ELSE LOGIC (TO	GGLE)	¥			
Variable:		IF	Display		¥			
Operator:					v			
Value:			Turn On					
		TH	EN					
Run Macro:			C Macro ("	New Room" Triç	gger): Wi 💌			
Set Variable:			Turn Off					
		ELS	Ε					
Run Macro:			C Macro ("	New Room" Eve	ent): Slee 🔻			
Set Variable:			Turn On					

Device - Velocity

```
Command Parameters - IF ELSE LOGIC
```

IF

- Variable (select a variable from drop down list) e.g. Display
- **Operator** (select an operator from drop down list) **e.g.** == (equals to)
- Value (Provide the variable value to match, that will trigger the THEN values) e.g. Turn On

THEN

- Run Macro (Select from previously created macros) e.g. Macro - Turn display on Set Variable - (Enter the new value for the variable)
- e.g. Turn Off

ELSE

Run Macro - (Select from previously created macros) e.g. Macro - Turn display off Set Variable - (Enter the new value for the variable) e.g. Turn On With these values, if the button is pressed while it says Turn On, it will send the Macro to turn on the display and then switch the variable to say Turn Off.

If the button doesn't say Turn On, then it will send the ELSE portion of the command, which will send the sleep command and turn off the display, setting the variable to say Turn On.



Scroll to the label section and select Display from the variable drop down. This will alter the label of the display button to give the current variable value.

Label			~
Value:	Static Value	OR Display	
H-Alignment:	Center		
V-Alignment:	Middle		
Absolute Posi	itioned:		
Absolute Top:	0		
Absolute Left	. 0		
Font Size:	18		
Font Color:			

Scroll to the Conditions section. These conditions will provide a new look for the display button to provide a visual representation of the display's power status. The button font, border, fill, and icon may be changed through conditions. The button may also be hidden or disabled when the operator and value of the condition are met.

Condition	ns									+	~
	Variable		Ореі	rator	Value	Font / Border / Fill	Hidden	Disabled	Image		
•	Display	~	==	~	Turn On				Default Icon		-
Ē	Display	Ŧ	==	Ŧ	Turn Off				Default Icon		-

Using the example options above, the Display button will be green when the display is on and will turn red when it is powered off.







Append Variable

Append variable provides a way to edit a variable within the control screen. This can be used for editing text or numerical variables for dial pads, password pads, and more.

The following example will provide instructions on how to create a custom dial pad.

- Create the buttons for the dial pad and the Key Pad Display (variable) button.
- Double click each button and set up the On Press command.
- The Device will need to be set to Velocity, Command to Append Variable, Device to System, and Variable to whatever the dial variable will be (e.g. Key Pad Display), and the value of the current button.
- The button's label should be set to whatever the value was set to (e.g. Key Pad Display).

	× Properties				Î					
	On Press or Tap Macro	Press or Tap Macro								
ϕ Dialer - Drag Images To Canv	a 6-12-2019 9:53:3 Unnamed On	12-2019 9:53:3 Unnamed On Press Macro								
	Hide In: Drawer	Preset Page								
	Command 1	Custom Value:								
	Device:	Velocity 👻								
$\square \square \square$	Command:	APPEND VARIABLE								
	Device:	SYSTEM •								
	Variable:	Key Pad Display 🔻								
	Value:	1								
	Repeat: 0 v	Interval: 10 ms	Delay (After): 0	m	S 🚦					
	On Release Macro									
	Maero Commande									

Device - Velocity
Command - Append Variable
Device - System
Variable - (select relevant variable) e.g. Key Pad Display
Value - (enter the value to be added) e.g. 1



- Repeat the Append Variable for all the keys of the keypad. e.g. 0 9, *, and #
- Set up the Key Pad Display (variable) button, to display the numbers, set the button's Label value to the variable selected in previous steps. e.g. Key Pad Display

				× Properties				1	I	Label				
	_	-	_	On Press or Tap Macro						Values	Static Value	or 1 -		#14089620515 <
				Macro Commands				Click Add To Create Macro +	^	Value:		UR		
				On Release Macro						H-Alignment:	Center -			
r				Macro Commands	zro Commands Click Add To Create Macro									
				Navigation						V-Alignment:	Middle	▼		
				Page Navigation					-	Absolute Posi				4 5 6
				Location & Size					~	Absolute Top:	0			
7	8				eft 162	Z Index 0				Absolute Left:	0			
					wight 52	_				FOLIT SIZE.	18	Ψ		
				Label					~	Font Color:				
				Value: Static Value		OR 1								

Launch the control screen to view and use the dial pad. To send the dialed number, see the SEND COMMAND section.



SEND COMMAND

SEND COMMAND can be used to send a command with an adjustable variable, such as use with dial pads to send a phone number to a dial device.

Using the previously set up dial pad, set up a **SEND COMMAND** function for the Key Pad Display (variable) button.

	× Properties			Î
	On Press or Tap Macro			
Ø Volume - Drag Images To Can	6-12-2019 10:6:26 Unnamed On	Press Macro		♦ ► + ~
	Hide In: Drawer	Preset Page		
	Command 1	Custom Value:		
	Device:	Velocity -		
	Command:	SEND COMMAND -		
	Parameters:			
	Device:	Polycom Aux 1 v		
4 5 6	Value to Send:	Dial %v		
	Variable Device 1:	SYSTEM *		
	Variable 1:	Key Pad Display 👻		
	Variable Device 2:			
	Variable 2:	Ψ		
	Variable Device 3:	*		
	Variable 3:	*		
	Line Ending:	CR v		
	Repeat: 0 +	Interval: 10 m	ns Delay (After): 0	ms

Device - Velocity
Command - Send Command
Device - (select dial device) e.g. Polycom Aux 1
Value to Send - (set to the device's command and variable) e.g. Dial %v

The command can be found in the device's manual, %v will pull the variable selected from the next drop downs.

Variable Device 1 - System Variable 1 - (select the dial pad variable) e.g. Key Pad Display

Multiple Variables can be added by adding additional %v to the Value to Send line and then additional variables selected from the drop down menus.



Once the Send Command is set up, launch the control screen. Within this screen, once the number has been dialed, press the Key Pad Display button (which should display the number) to send the dial command to the Polycom Aux 1 device. **e.g.** Dial #14089620515

See the **Remove n Characters from Variables** section to delete numbers from the dial pad in case of the wrong button being pressed.



Remove n Characters from Variables

The REMOVE n CHARACTERS x OF VARIABLE selection can be used to fix a variable that has been entered incorrectly.

In this example, we will remove character from the end of the Key Pad Display variable, that was entered incorrectly.

		× Prop	× Properties								î
		On Press or Ta	ress or Tap Macro								
Φ	Volume - Drag Images To Can	6-12-2019 10:	11:29 Unnamed O	n Press Macro					۲	Þ	+ ~
		Hide In:	Drawer	C	Preset Pa	age					
		Command 1		Custom Value:							
		Device:		Velocity							
		Command:		REMOVE n CHAR	ACTERS RIGHT O	FVARI 🔻					
1		Parameters:									
		Device:		SYSTEM		•					
4		Variable:		Key Pad Display							
		Number Charact	ers:	1							
7		Repeat:	0 -	Interval:	10	ms	Delay (After):	0		ms	:
*		On Release Ma									

Device - Velocity

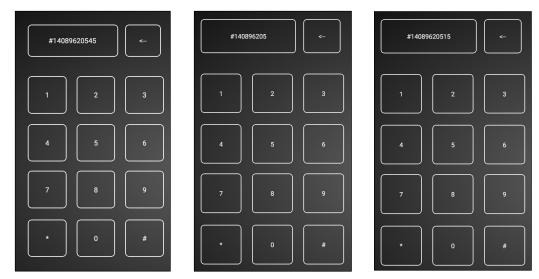
Command - REMOVE n CHARACTERS RIGHT OF VARIABLES

Device - System

Variable - (set to the same variable as the send command) e.g. Key Pad Display

Number Characters - Enter the numerical value of how many characters to remove from the end of the Variable e.g. 1

Provide a label for this button. e.g. <--



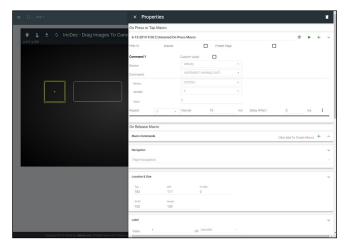
Launch the control screen. As the number is dialed, press the <-- button to remove the end of the variable value. In this case, it was pressed twice, so the value of 15 was removed from the end. The corrected numbers can now be added back into the dial variable.



Decrement / Increment

Decrement and Increment can be used to adjust a variable by a value of x, 0.x, or 0.0x. This can be used for things such as volume commands.

In this example we will show the variable being increased and decreased by 1. One button will be used to increase the value of variable 2, one button will decrease the amount of variable 2, and another button will display the value of variable 2.



Device - Velocity Command - Increment Variable (INT) Device - System

Variable - (select the variable for increasing) **e.g.** 2 **Value** - Enter the numerical value of how much in whole numbers the variable will be increased **e.g.** 1

≡ Ω Heb×	× Properties								
	On Press or Tap Macro								
Solution State	6-15-2019 9:52:1 Unnamed On	15-2019 9:52:1 Unnamed On Press Macro 🔅							
1536 y.163	Hide In: Drawer	Preset Page							
	Command 1	Custom Value:							
	Device:	Velocity •							
	Command.	DECREMENT VARIABLE (NT)							
	Device:	SVSTEM ·							
	Variable:	2 *							
	Value.	1							
	Repeat: 0 +	Interval: 10 ms	Delay (After): 0	ms I					
	On Release Macro			······ + ^					
	Navigation Page Navigation		Click Add To Create	Maoro T A					
	Location & Size			~					
	Top Left 183 536	2 index 0							
	With Heght 100 100								
	Label			×					
	Value: -	OR Variable ~							

Device - Velocity
Command - Decrement Variable (INT)
Device - System
Variable - (select the variable for decreasing) e.g. 2
Value - Enter the numerical value of how much in whole numbers the variable will be decreased e.g. 1

NOTE: Decrement and Increment variables have selections of Float Precision 1 and Float Precision 2. These will adjust the variable by 1/10th (Precision 1) and 1/100th (Precision 2). The value will need to be adjusted in tenths (0.1, 0.2, etc) and one hundredths (0.01, 0.02, etc).

INCREMENT VARIABLE (INT)
DECREMENT VARIABLE (INT)
INCREMENT VARIABLE (FLOAT PRECISION 1)
DECREMENT VARIABLE (FLOAT PRECISION 1)
INCREMENT VARIABLE (FLOAT PRECISION 2)
DECREMENT VARIABLE (FLOAT PRECISION 2)

× Pro	perties			•
 On Press or	Tap Macro			
6-15-2019 9	53:37 Unnamed On Pres	s Macro	* • +	
On Release I	vlacro			
Macro Commi	ands		Click Add To Create Macro +	
Navigation				
Page Naviga	ition			
Location & Siz	×			
Top	Left	2 Index		
183	258	0		
Width	Height			
240	100			
Label				

+	8	

Set up the variable button to display the current value. **e.g.** Select **2** in the drop down section of Value in the Label section.

Once completed, launch the control screen to view the variable being adjusted by button press.



User Settings

This section will go over adding, editing, and deleting users as well as roles and permission levels..

Contents

General	135
Adding Users	135
Editing Users	136
Profile	138
Roles and Permissions	139



General

1. Select the circle in the top right corner and select Users.



A new page will open.

		velocity		
 Settings 				
2± USERS		<mark>گ</mark> PROFILE		ROLES
Showing All Users				
Name	Role	Last Change	Changed By	
🖾 A, A	Account Administrator	4 Minutes	Atlona, System	1
Search By Any Field Visible	Q SEARCH			>
				•

Adding Users

1. Select the + button to add a new user.

A new page will open.

Ê	*	٤	•
MODIFY ACCOUNT	USERS	PROFILE	ROLES
	* Email		
	* First Name		
	* Last Name		
	* Temporary password		
	j5vk235b		
	* Role Type		
	Language English (en)	÷	
	Time Zone America/Los_Angeles (United States)	÷	
	interior 2000 angulos (arrice otaces)		

2. Fill in all the user information fields.





- Email Used for log in purposes and email password resets.
- First & Last Name Velocity will provide a customized home page for a user using their credentials.
- **Temporary Password** Use either the auto generated password or create a new one for the user to change upon first log in.
- Role Type There are 7 roles to select from: Account Administrator, Site Administrator, Designer, Support Technician, End User, Stream Moderator, and Control Tablet. To view the permissions of each role, select Roles within the top navigation or view them starting on page 142.
- Language Select the user's language preference. Default will be English.
 - **Time Zone** Select the time zone the user will be logging in from.

Support Technician End User Stream Moderator Control Tablet (Home Page is All Rooms To Control)

3. Press the Create User button.						
3. Press the Greate User button.	Showing All Users				+	
If successful, Velocity will redirect	Name	Role	Last Change	Changed By		
to the Users page and a green	🔁 Last, First	Site Administrator	1 Second	ManagerL, ManagerF	1	
	😂 ManagerL, ManagerF	Account Administrator	34 Minutes	Atlona, System	/ 4	
successful message will appear at the bottom of the page.						
	Search By Any Field Visible	Q, SEARCH	10 - User Saved Successfully UNISO	< 1 >	•	
Upon login, all new users will be pr	ompted to up	odate their p	assword.	You must now update your password		
				Password		

Editing Users

Once users have been created, they can be edited. New options will appear in the user edit screen.

	÷218		
É FY ACCOUNT	users	ک PROFILE	ROLES
Role	Last Change	Changed By	
Stream Modera	tor 18 Minutes	A, A	 40
Account Admin	istrator 17 Minutes	Atlona, System	/
ty Field Visible	arch 25 -	۲ (>
			6
	RY ACCOUNT Role Stream Modera Account Admin	Role Last Change Stream Moderator 18 Minutes Account Administrator 17 Minutes	Role Last Change Changed By Stream Moderator 18 Minutes A A Account Administrator 17 Minutes Atlona, System

1. Select the edit (pencil) button to add a new user.

A new page will open.



User Settings

Image: Section		velocity		0
NUM YORK NEM Republic to the properties of the properties o				
			© ROLES	
<pre>* nem *</pre>		- Enal		
		*for here		
Num I </td <td></td> <td>A</td> <td></td> <td></td>		A		
w w <td></td> <td></td> <td></td> <td></td>				
General Description Base of the second sec		Allow mile + +1		
Buster Buster <td></td> <td>Job Title</td> <td></td> <td></td>		Job Title		
Burg Burg Burg Burg Burg Burg Burg Burg Burg Burg Burg Burg Burg Burger		Office Name		
Bage C Linear Linear Control		Department		
Link Printerscore Link		UserBio		
		Stype ID		
Exercised Lingue filment dereg Dage of man Call Dage of man Dage of man Call Dage of man Call Call </td <td></td> <td>Lask finna Usilockad -</td> <td></td> <td></td>		Lask finna Usilockad -		
Language Lanuta Kang Language Language Language Language Language Language Language Language br>Language Language Language Language Languag		Different Password Change on Next Lagin		
With mile		SAVE CHARGE		
tain: Before: Methods:		Language & Format Settings		
Inclusion weekingsom Compared accument for **				
Let constant				
Orange dar Ansmer Nac **				
**unantile * Control factor *		RIVE CHANGES		
Contract and informations.		Monathia		
Constant nas informations.				
		Deende nie elektronnesses		
				-
Construction for the second structure and the second structure of the Statistical structure of the Stat				9
				٦
	Override ro	le object permissions		
Override role object permissions				
Override role object permissions	SAVE CHANGES			
Override role object permissions SAVE CHANGES		-		_
	_	-		
SAVE CHANGES	SAVE CHANGES			
	Object Permissio	ns		
SAVE CHANGES	Whitelisted	Objects		
SAVE CHANGES SAVE CHANGES Object Permissions	-			
SAVE CHANGES	GIUK THE ATTOW DE	IOW TO SELECT ODJECTS		- 1

SAVE CHANGES		
Object Permissions		
Blacklisted Objects		
Click the arrow below to select objects		
+ Site: QA1		

• Fill in the user information that was not created in the user add screen, such as: Job Title, Office Name, Department, User Bio, and Skype ID.

NOTE: The information can be filled in the user under profile options and is optional at this time.

- Lock Status Lock and unlock an account from here. If the account is locked, the user will be unable to log in.
- Enforce Password Change on Next Login Select this slider to force the user to update the password on the account when logging in.
- Language & Format Settings Language, Time Zone, and Date Format will have been set when the profile was created, but can be updated here if something has changed.
- Change User Account Role Use this drop down to update the user's role to newly created roles or for different permissions.
- **Override role object permissions** Select this slider to choose which buildings, floors, and rooms the user can see. New options will appear when enabled.
- Whitelisted Objects When this slider is grey, the selections made will be what the user can see.
- **Blacklisted Objects** When the whitelisted objects slider is selected, it will turn green and the label will switch to blacklisted objects once the arrow below it is selected.
- Selector Use the + to expand the sites, buildings, and floors to decide which rooms the user has access to. If on whitelist, the rooms will be available to the user. If on blacklist, the rooms selected will be unavailable to the user.

SAVE CHANGES	
Object Permissions	
Whitelisted Objects Click the arrow below to sele	ect objects
- Site: QA1	
- Building: Building 1	
+ Floor: Floor 1	
- Building: Building 2	
+ Floor: Floor 1	
Floor: Floor 2	
Room: Con 1	
+ Floor: Floor 3	
- Floor: Floor 4	
Room: Class 1	
Room: Class 2	

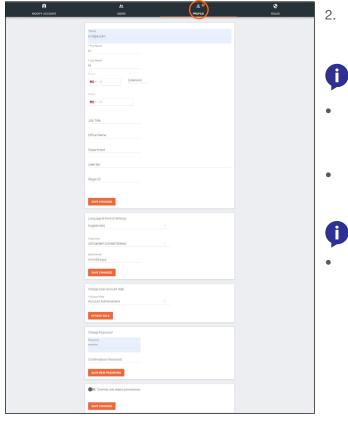
▼



User Settings

Profile

1. Select **Profile** from the top navigation.



- 2. Fill in the user information that was not created when the account was set up, such as: Job Title, Office Name, Department, User Bio, and Skype ID.
 - **NOTE:** The profile information that can be changed will vary based on user permission level.
- Language & Format Settings Language, Time Zone, and Date Format will have been set when the profile was created, but can be updated here if something has changed.
- Change User Account Role / Override role object permissions - These options should only be done within the user edit screen.
 - **NOTE:** To avoid problems, the administrators of Velocity should not choose any role that is not administrator.
- Change Password Update the current password on the account here.



Roles and Permissions

1. Select **Roles** from the top navigation.

MODIFY ACCOUNT		USERS	PROFILE		ROLES	
Showing All Roles				+	_	
Name	Total Enabled Features	Owner	Last Change	Changed By		
End User	7	System	2 Minutes	Atlona, System	0	
Support Technician	58	System	2 Minutes	Atlona, System	0	
Designer	50	System	2 Minutes	Atlona, System	0	
Site Administrator	62	System	2 Minutes	Atlona, System	0 6	
Account Administrator	81	System	2 Minutes	Atlona, System	0 6	
Stream Moderator	8	System	2 Minutes	Atlona, System	0	(i)
						1/C D 1
			Ň			View D

There are seven default roles: Account Administrator, Site Administrator, Designer, Support Technician, End User, Stream Moderator, and Control Tablet. The permissions can be seen by pressing the **View Details** button or using the tables below.

Site Related

User Level	View	Home	Add	Modify	Delete	Export
End User						
Support Tech						
Designer						
Site Admin						
Account Admin	Х		Х	Х	Х	Х
Stream Mod						
Control Tablet						

Building Related

User Level	Add	Modify	Delete	Сору
End User				
Support Tech				
Designer				
Site Admin				
Account Admin	Х	Х	Х	Х
Stream Mod				
Control Tablet				



User Settings

Floor Related

User Level	Add	Modify	Delete	Сору	Move
End User					
Support Tech					
Designer					
Site Admin					
Account Admin	Х	Х	Х	Х	Х
Stream Mod					
Control Tablet					

Room Related

User Level	Add	Modify	Delete	Сору
End User				
Support Tech				
Designer				
Site Admin				
Account Admin	Х	Х	Х	Х
Stream Mod				
Control Tablet				

Technology Related

User Level	Add	View	Modify	Delete	Control	Ping	Status
End User							
Support Tech							
Designer							
Site Admin							
Account Admin	Х	Х	Х	Х	Х	Х	Х
Stream Mod							

Server Setting Related

User Level	Modify
End User	
Support Tech	
Designer	
Site Admin	
Account Admin	Х
Stream Mod	

Maintenance Related

User Level	Modify
End User	
Support Tech	
Designer	
Site Admin	
Account Admin	Х
Stream Mod	



User Settings

User Related

User Level	Add	View	Modify	Change	Revoke
End User					
Support Tech					
Designer					
Site Admin					
Account Admin	Х	Х	Х	Х	Х
Stream Mod					
Control Tablet					

Role Related

User Level	View	Add	Modify	Delete	Сору
End User					
Support Tech					
Designer					
Site Admin					
Account Admin	Х	Х	Х	Х	Х
Stream Mod					
Control Tablet					

Control Related

User Level	Access	View
End User		
Support Tech		
Designer		
Site Admin		
Account Admin	Х	Х
Stream Mod		
Control Tablet		

Equipment Related

User Level	View	Add	Modify	Delete	Export	Сору
End User						
Support Tech						
Designer						
Site Admin						
Account Admin	Х	Х	Х	Х	Х	Х
Stream Mod						
Control Tablet						



User Settings

Reference Image Related

User Level	View	Add	Modify	Delete	Export	Сору
End User						
Support Tech						
Designer						
Site Admin						
Account Admin	Х	Х	Х	Х	Х	Х
Stream Mod						
Control Tablet						

Device Related

User Level	View	Add	Modify	Delete
End User				
Support Tech				
Designer				
Site Admin				
Account Admin	Х	Х	Х	Х
Stream Mod				
Control Tablet				

Virtual Matrix Related

User Level	View	Modify
End User		
Support Tech		
Designer		
Site Admin		
Account Admin	Х	Х
Stream Mod		
Control Tablet		

DeviceGroup Related

User Level	View	Add	Modify	Delete	Сору
End User					
Support Tech					
Designer					
Site Admin					
Account Admin	Х	Х	Х	Х	Х
Stream Mod					
Control Tablet					

Moderation Related

User Level	View
End User	
Support Tech	
Designer	
Site Admin	
Account Admin	Х
Stream Mod	
Control Tablet	



User Settings

CustomNetwork Related

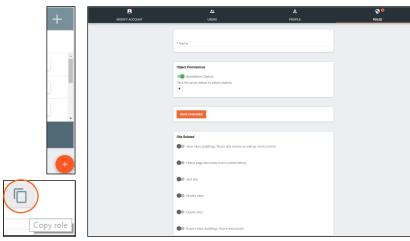
User Level	View	Add	Modify	Delete	Export	Сору
End User						
Support Tech						
Designer						
Site Admin						
Account Admin	Х	Х	Х	Х	Х	Х
Stream Mod						
Control Tablet						

Report Related

User Level	View
End User	
Support Tech	
Designer	
Site Admin	
Account Admin	Х
Stream Mod	
Control Tablet	

If the default roles do not provide the right permission levels, new roles can be added.

1. Select the + button to add a new role. The top + button may be used. The current role can also be copied using the **Copy role** button, then edited.



- 2. Name the role, to make easy to identify later.
- 3. Set the Object Permissions.
 - Whitelisted Objects When this slider is grey, the selections made will be what the user can see.
 - Blacklisted Objects When the whitelisted objects slider is selected, it will turn green and the label will switch to blacklisted objects once the arrow below it is selected.
- Selector Use the + to expand the sites, buildings, and floors to decide which rooms the user has access to. If on whitelist, the rooms will be available to the user. If on blacklist, the rooms selected will be unavailable to the user.
- 4. Press the slider for each permission to grant the current role.
- 5. Press the **Create Role** button to save all the settings.





Once Velocity training has been completed, contact Atlona sales for a cloud username and login. Once a username and login have been received, Velocity Cloud is ready to use. A cloud account can also be manually created through the Velocity software, view the Manual Cloud Account Creation section for instructions.

$\mathbf{\circ}$	_	1.1		
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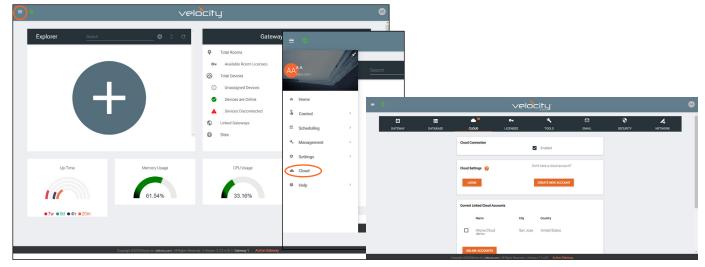
i

Getting Started

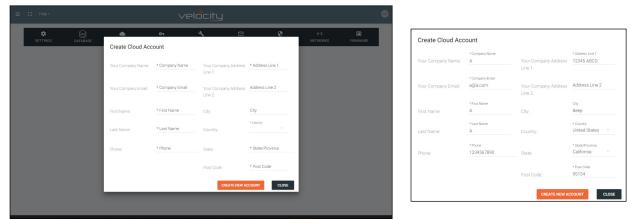
1. Open any browser with network access and type in velocity.atlona.com (as seen below).

NOTE: Both the gateway and the local PC must have access to the internet to manually set up cloud login.

- 2. Locate the \equiv in the top left corner of the home page and left click to open the menu.
- 3. Select Cloud from the menu. A new screen will appear.



- 4. Select the Enable checkbox to allow the gateway to connect to Velocity Cloud.
- 5. Select the **Create New Account** button. A new screen will pop up.
- 6. Fill in all the required fields (notated with a *) and press the **Create New Account** button. The Email will be used to send the cloud login information, so verify it is correct before submitting the account information.

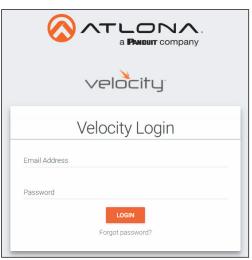


7. Open the Email received from support@atlona.com, it should have the subject line of Velocity Cloud Account Services. Check in the Junk/Spam box if the Email has not appeared in the Inbox within 5 minutes.

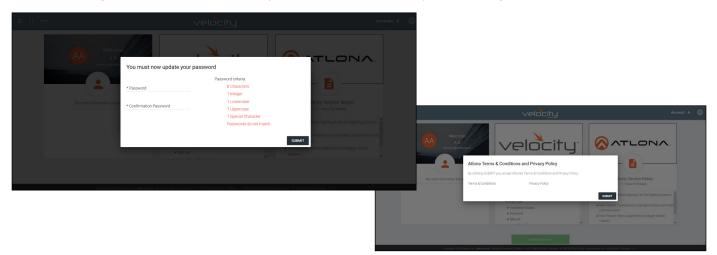
Velocity Cloud Account Services	
	Account Services
Dear <u>a a@a.com.</u> Congratulations, you have successfully created a new Velocity C user profile has been created at <u>https://velocity.ationa.com</u> .	loud Account. A Velocity Cloud Dealer account and
Your login is a.a@a.com,	
Your temporary password is 6Q2I9iZ&	
To access your new account please login here.	
Copyright ©2018 Atlona Inc (atlona.com). All Rights Reserved. Phone: +1 877.536.3976 (US Toll-free) +1.408.962.0515 (US)	International: +41.43.508.4321



8. Select either https://velocity.atlona.com or the login here link to open a browser to the cloud login page.



9. Enter the login and temporary password provided in the email and press the Login button.

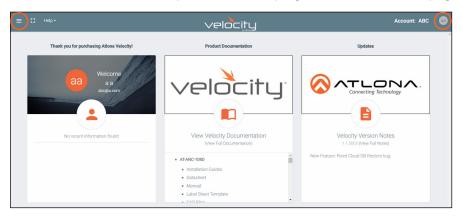


- 10. Provide a new password and press the **Submit** button. The password must have at least eight characters, one number, one uppercase letter, one lowercase letter, and one special character (**e.g.** !, @, #, \$, %, ^, &, *, /, etc.). A new pop up will appear with terms and conditions.
- 11. Accept the terms and conditions to proceed to setting up Velocity Cloud.



Users

Users can be added and edited from either the top left menu or top right menu of the home page.



1. Select Users from the top left \equiv navigation or Account Settings from the top right navigation.

≡ 🖸 Help×	CUSTOMERS	(22 ISERS	8 PROFILE	ROLES
	Name	Role Dealer Administrator	Last Change 1 Hours	Changed By Atlona, System	
E Dashboard	Search By Any Field Visible	Q SEARCH	25 \star	< 1	>
Customers >					•
22 Users					
≡ Gateways					

Add

- 1. Select the + button to add a new user. A new page will open.
- 2. Fill in all the user information fields.

USERS	ی PROFILE	
* Email		
* First Name		
* Last Name		
* Temporary password		
lonhc2cb		
* Role Type		
Language		
English (en)		
Time Zone		
America/Los_Angeles (United States)		
Date Format		
mm/dd/yyyy		

- Email Used for log in purposes and email password resets.
- First & Last Name Velocity will provide a customized home page for a user using their credentials.
- **Temporary Password** Use either the auto generated password or create a new one for the user to change upon first log in.
- **Role Type** There are 5 roles to select from: Account Administrator, Site Administrator, Designer, Support Technician, and End User. To view the permissions of each role, select **Roles** within the top navigation or view them starting on page 53.
- Language Select the user's language preference. Default will be English.
- **Time Zone** Select the time zone the user will be logging in from.
- 3. Press the Create User button.

If successful, Velocity will redirect to the Users page and a green successful message will appear at the bottom of the page.

Upon login, all new users will be prompted to update their password.

You must now update	,,	
* Password		
Confirmation Password		



Edit

1. Select the **pencil** button to edit a user. A new page will open.

CUSTOMERS	USERS	PROFILE	O ROLES	Additional fields appear when editing users.
	+ Final abc@a.com + Finst Name a + Last Name a Prose Extension			Phone and mobile numbers, job title, office name, department, user bio, and Skype ID are optional fields that help provide multiple points of contact.
	Mole +1 Job Title Office Name Department User Bio			 Lock Status - Switch status of the user between unlocked and locked. If an account is locked, an administrator will need to unlock it for a user to be able to log in again.
	Skype ID Look Status Unlocked Enforce Password Change on Next Login SAVE CHANGES	Enforce Password Change on Next Login		• Password Slider - Selecting this slider will force the user to change their password when logging in the next time. The password update pop up will appear on login.
	Langage English (en) Time Zane Americal.los_Angeles (United States) Due Forma: 10992017 SAVE CHANGES			You must now update your password Pasoword Confirmation Password Doewn
- I	Change User Account Role * Account Role Dealer Administrator			

Profile

1. Select Profile from the top right navigation of the home page, or the header bar of the Account Settings page.

		CUSTOMERS	£≜ USERS	PROFILE	ROLES
Account: ABC aa	Account: ABC aa		*Ernel abc@a.com	_	
			* First Name a		
Profile	L Profile		*LastName a		
			Phone +1 Extension		
Account Settings	Account Settings		Mobile		
			• • •1		
U Logout	也 Logout				

2. Fill in the user information that was not created when initially adding a user, such as: Job Title, Office Name, Department, User Bio, and Skype ID. These options are available when editing a user.

i NOTE: The profile information that can be changed will vary based on user permission level.



Roles

1. Select Account Settings from the top right navigation.

Acco	ount: ABC	aa							
	≗ Profile		CUSTOMERS		ta USERS	& PROFILE		ROLES	
	Account S	Settings	Name	Total Enabled Features	Owner	Last Change	Changed By		
	ሪ Logout		Dealer Administrator Dealer Access	43	System System	1 Year 1 Year	Atlona, System Atlona, System	0 6	View Details

2. Select **Roles** from the header bar.

There are two default roles: Dealer Administrator and Dealer Access. The permissions can be seen by pressing the **View Details** button or using the tables below.

Account Related

User Level	View	Add	Modify	Delete	Export	Invite	Access
Dealer Admin	Х	Х	Х	Х	Х	Х	Х
Dealer Access	X	X	X		X	X	

User Related

User Level	Add	View	Modify	Change	Revoke
Dealer Admin	Х	Х	Х	Х	Х
Dealer Access					

Role Related

User Level	View	Add	Modify	Delete	Сору
Dealer Admin	Х	Х	Х	Х	Х
Dealer Access					

Control Related

User Level	Access	View Logs
Dealer Admin		Х
Dealer Access		X

Equipment Related

User Level	View	Add	Modify	Delete	Export	Сору
Dealer Admin	Х	Х	Х	Х	Х	Х
Dealer Access	X	X	X	X	X	X

Reference Image Related

User Level	View	Add	Modify	Delete	Export	Сору
Dealer Admin	Х	Х	Х	Х	Х	Х
Dealer Access	X	X	X	X	X	X



Cloud Feature Related

User Level	Download	Upload	Backup	Restore	Proxy	View
Dealer Admin	Х	Х	Х	Х	Х	Х
Dealer Access						

Device Related

User Level	View	Add	Modify	Delete
Dealer Admin	Х	Х	Х	Х
Dealer Access	X	X	X	X

Video Matrix Related

User Level	View	Modify
Dealer Admin	Х	Х
Dealer Access	X	Х

Video Wall Related

User Level	View
Dealer Admin	Х
Dealer Access	X

DeviceGroup Related

User Level	View	Add	Modify	Delete	Export	Сору
Dealer Admin	Х	Х	Х	Х	Х	Х
Dealer Access	X	X	X	X	X	X

Moderation Related

User Level	View	User L
Dealer Admin		Dealer
Dealer Access		Dealer

Report Related

	User Level	View
	Dealer Admin	Х
	Dealer Access	Х

CustomNetwork Related

User Level	View	Add	Modify	Delete	Export	Сору
Dealer Admin	Х	X	Х	Х	Х	Х
Dealer Access	X	X	X	X	X	X

CalendarIntegration Related

User Level	View	Add	Modify	Delete	Export	Сору
Dealer Admin	Х	Х	Х	Х	Х	Х
Dealer Access	Х	X	X	X	X	Х



Add

If the default roles do not provide the right permission levels, new roles can be added.

1. Select the + button to add a new role. Either the top + or the bottom + button may be used. The current roles can also be copied using the **Copy role** button, then edited.

Name	Total Enabled Features	Owner	Last Change	Changed By	
Account Administrator	47	System	9 Months	Atlona, System	
Site Administrator	37	System	9 Months	Atlona, System	0
Designer	25	System	9 Months	Atlona, System	0
Support Technician	33	System	9 Months	Atlona, System	0 6
ind User	б	System	9 Months	Atlona, System	0

2. Name the role, to make easy to identify later.

		CUSTOMERS	₽ ≜ USERS	8 PROFILE	O Roles				
			* Name						
			Account Related						
3.	Press the slider for each permission to grant the current role.								
4.	Press the Cr	eate Role button to s	ave all the settings.	FATE ROLE					

Customers

Set up customer access, sites, and gateways starting from within the Customers page.

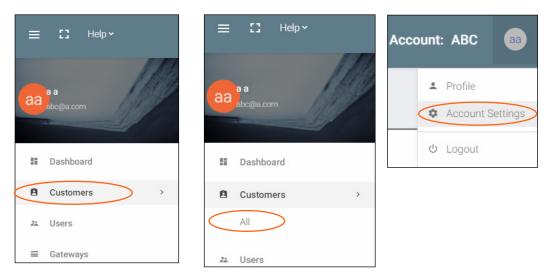
Add

≡ II Help×		velocity	Account: ABC	
Thank you for purchasing Atlon	na Velocity!	Product Documentation	Updates	
aa Welco a a abgiiii		relocity [.]	Connecting Technology	
No successful formation for		View Velocity Decumentation	Valaaity Varaian Nataa	

1. Select **Customers** from the top left = navigation or Account Settings from the top right navigation.

b. If customers is selected from the left navigation a new option will appear underneath. Select **All** to go to the customers page.



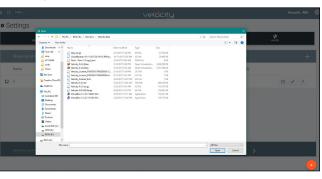


2. Press the + button located at the top or bottom of the screen. A pop up will appear.

Showing All Customers Name Type City, Stafe Phone Last Change Changed By b Outsomer b.b 11999999999 2 Weeks a.a Image: Add Via Form Add Via Form Add Via Form Counciled trenplate Beench By Angree House Caster Counciled trenplate Counciled trenplate Counciled trenplate Counciled trenplate	CUSTOMERS		USERS		ی Profile		€ ROLES	Import Via CSV Upload? Or Add Via For
b Costomer & b +1 999 999 2 Weeks & a C > Add Via Form (Download Template)	Showing All Customers						+	
(Download Template)	Name Typ	pe	City, State	Phone	Last Change	Changed By		
Template)	b Cut	istomer	b, b	+1 999-999-9999	2 Weeks	8, 8		Add Via Form
	Search By Any Field Visible	Q SEARCH	2	5 🕶	<	1 >		Template)

- 3. Select between Add Via Form or Import and Upload (for adding multiple customers at once).
 - a. If Add Via Form is selected, a new page will open.
 - 1. Fill in the customer information:
 - Customer Name This should be filled in with the Company or Site name.
 - Address, Post Code, Country, State/Province, City Fill in the address that the site is located at.
 - **Phone Number** Provide the number of the contact for the customer. The secondary contact number is optional.
 - Email Address Provide the email address of the main contact for this site.
 - Email Invite Select the slider to have an invite to the customer's cloud sent to the admin.
 - Initial Site Type Select the type that best suits the customer. A visual representation is included with the selection.
 - Create Account Press this button once the required * information has been filled in.

CUSTOMERS	USERS	A PROFILE		ROLES
	* Customer Name			
	* Address Line 1			
	Address Line 2			
	* Past Code			
	* Country Åtand Islands			
	* State/Province			
	* City			
			Assembly	
	= • •1		Cafe	
			Pub/Bar	
	1 • •1		Typical Restaurant	
			🌧 Bungalo Restaurant	
	* Email Address		Business	
	abc@a.com	Send Email Invite	Bank Branch	
			Bank Headquarters	
			Cinema	
			Cinema Alt	
	* Initial Site Type		Convention Center	
			Gym Gym Ait	
	CREATE ACCOUNT		www. Museum (Or Palace)	
	CHEATE ACCOUNT		and max off (of Palace)	





- b. If Import and Upload is selected, a folder will open.
 - 1. Find the customer file (.CSV) located on the local computer.
 - 2. Press the upload button.

Invite

Once a customer has been created, the account can have users added to it.

			& PROFILE		O ROLES	
Showing All Cus	stomers					+
Name	Туре	City, State	Phone	Last Change	Changed By	
D b	Customer	b, b	+1 999-999-9999	2 Weeks	a, a	

1. Select the + button at the bottom of the page. A pop up with two options will appear.

a. If Invite is selected, a pop up will appear. Fill in the user's email and role (these roles match the gateway's roles: Account Administrator, Site Administrator, Designer, Support Technician, End User, Stream Moderator, and Control Tablet).

Account Invitation	1			
* Email				
* Role Type				
			CANCEL	INVITE

≡ C Help+	velocity	Customer: b 👖 🔘	Customer: b 🖂 🏼 aa	≡ [] Help×
Task you for proceedings dilawa Valuation	Vector Countertation	Units Concerning Including	L Profile	aa bo@a.com
8	0 0 Ations Devices Addred Projectors And Displays	Adad		æ Users ⊕ Sites >
County 6071 Mone to address	0 0	(Hermatoral +11, 41,00, 62() Verpon 12, 1)04		≡ Gateways

b. If Access Account is selected, a new screen will appear (this screen will be exactly as the customer will see after logging into cloud).

- 1. Select Users from the top left = navigation or from the top right menu.
- 2. Press the + button. A new screen will appear.
- 3. Fill in the user's email, name, language, time zone, date, and role (roles will correspond with gateway roles: account administrator, site administrator, designer, support technician, and end users).

🖸 Help*		∨eloci <u>tu</u>	J.	Customer: bc
 Settings 				
ı	21 USERS	گ PROFILE		ROLES
Name	Role	Last Change	Changed By	
🖾 a, a	Account Administrator	1 Day	Atlona, System	/
Search By Any Field V	/isible Q SEARCH	25 ▼	<	1 >
				•

21. USERS		PROFILE	
	* Email		
	* First Name		
	* Last Name		
	* Temporary password fuSvS4hd		
	* Role Type		
	Longuage English (en)		
	Time Zone America/Los_Angeles (United States)		
	Date Format mm/dd/yyyyy		
	CREATE USER		



Gateway

Once a customer account has been created, any gateways can be linked to them. To get to the gateway page, select Gateway from the top left \equiv navigation.

≡ 🕄 Help∽	≡ 🕄 Help×	velocity	Customer: dd 📊 🚥
1.17	■ Gateways		
aaa	Gateways		
abc@a.com	Gateway Name Account Name Serial Number Product	Version Cloud License Duration Start	End Connected
III Dashboard		No Records Found	
22. Users	Search By Any Field Visible		
⊕ Sites >	No Records Found Q SEARCH	<u>25 - (</u>	1 >
	Copyright ⊕2017 Atlona Inc (atlona.com). All Rigi	nts Reserved. Phone: +1 877 536 3976 (US Toll-free) +1 408 962 0515 (US) Internation	al: +41,43 508,4321 Version: 1.2,1015

1. Linking the gateway must start within the gateway. Login to the Velocity gateway on the local network.

				×
💊 Products « Atlona 🏽 AV S 🔍	🐼 Atlona Velocity Dashboa 🗙			
igstarrow igstarro	192.168.X.XXX	4	7	:

2. Enter the login information on the Velocity web page, then click the Login button.



3. Select Server Settings from the drop down menu. A new page will open.





- 4. Select **Cloud** from the top navigation within the server settings page.
 - ۵ Ø 0 • عر **NOTE:** Cloud connection Ĭ is enabled by default. Cloud Connection Enabled If a cloud connection is unwanted, deselect the Cloud Settings Don't have a cloud account? Enabled checkbox. CREATE NEW ACCOUNT Current Linked Cloud Acco Cloud Accounts To Link Gat ilable accounts to link
- 5. Select the Login button. A new pop up will appear.



6. Fill in the cloud username and password. The accounts linked to that account will appear under the available cloud accounts.



- 7. Select the corresponding cloud account under Available Cloud Accounts To Link Gateway.
- 8. Press the Link Account button. The gateway will appear in the Velocity Cloud account.
- 9. Select Gateway from the top left \equiv navigation menu. A new page will open.

≡ C Help~	≡ [] Help~ 🔇			veloci			Customer: A 📋
	≡ Gateways	;					
II Dashboard							
21. Users	Gateway Name	Account Name	Serial Number	Product	Version	Connected	
Sites >	Gateway 1	A			2.0.2	Yes	۹ 🖯
≡ Gateways							



Remote Access

Once the cloud license is activated, the gateway can be remotely controlled.

1. Select Gateway from the top left \equiv navigation menu. A new page will open.

≡ 🖸 Help×	Gateways										
	Gateway Name	Account Name	Serial Number	Product	Version	Cloud License	Duration	Start	End	Connected	
	Gateway 1	Company	(none)	Velocity	1.2.1	AT-VSW-LIC-LI	365 Days	1000911107	1000911107	Yes	4 🖯
aa abc@a.com											
II Dashboard											
JL Users											
Sites >											
≡ Gateways											

 Press the Access Gateway (green tool) button. A new screen will open. This will allow all of the normal local Gateway functions to be accessed for setup and configuration. For further information on how to configure the gateway, see the Velocity manual.

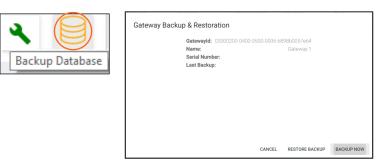
≡ 🕄 Help~		velocity	Customer: Company Gateway: Gateway 1	۲
	Users	Product Documentation	Updates	
()	Welcome a a abeas com A A Correny Kathyn Sacca Correny	View Velocity Documentation (View Ful Documentation) View Ful Documentation) • ATANCTOBU • ATANCTOBU • Datasteet • Datasteet • Manual • Lieb Shert Femplate	Velocity Version Notes 1.2 (New Fail Notes) New Feature: Omnistream Hotfa for single encoders.	
8	7 Atlona Devices Added	1 Projectors And Displays Added	1 6	
0	0 Display/Projector Inputs Connected	0 Synced Dedicated Control Devices Connected	Devices Connected Devices Down	



Backup

Once the gateway is linked, it can be backed up to the cloud.

1. Press the Backup Database button.



2. Click the **Backup Now** button. The cloud will show a progress bar as it goes through the backup process.

Gateway Backup & Restoration	Gateway Backup & Restoration
Gatewayi: 0000020 0400 0500 0006 089800037644 Name: Gateway 1 Serial Number: Last Beckup: Starting Database Backup	Gatewayid: 03000200-0400-0500-0006-b898b0057e64 Name: Gateway 1 Serial Number: Last Backup:
	Saving Backup to Cloud Drive
CANCEL RESTORE BACKUP BACKUP NOW	
	CANCEL RESTORE BACKUP BACKUP NOW
25	

Restore

Once the gateway has been backed up to cloud, it can be restored from the previous save.

1. Press the Backup Database button.



2. Click the **Restore Backup** button. The cloud will show a progress bar as it goes through the restore process. When finished, the popup will display the gateway ID, name, serial number, and last back when finished.

RESTORE BACKUP NOW RESTORE BACKUP NOW	Gateway Backup & Restoration Gateway Id 03000200 0400-0500 0000-b898b0057e64 Name: Gateway I Serial Number 0740305517060200054 Last Backup: CloudBackup-10-11:2017 02:59:52 PM tar gz	Gateway Backup & Restoration Gateway 16 03000200-0400 0500 0006 689660057464 Name: Dateway 13 Serial Number 0743055377060200054 Last Backup: CloudBackup-10-11-2017 02:59:32 PM.tar.gz Backing Up Before Restore	Gateway Backup & Restoration Gateway Id 03000200-0400-0500-0005-b898b0057re64 Name: Gateway 1 Serial Number 074003557 7050200064 Last Backup: CloudBackup-10-11-2017 02-59-52 PM target
	RESTORE BACKUP BACKUP NOW	RESTORE BACKUP BACKUP NOW	RESTORE BACKUP BACKUP NOW





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