

velocity™

by Atlona

Version Information

Version	Release Date	Notes
1	10/17	Initial release
2	11/17	Added Macros, Event Macros, Room Triggers and Cloud

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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Operating Notes

As of this writing, there are no firmware updates for this product. When new firmware is released, update instructions will be included with the firmware and will be appended to this manual.

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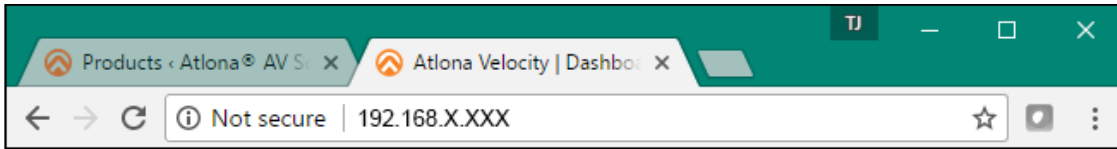
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Log In & Activation

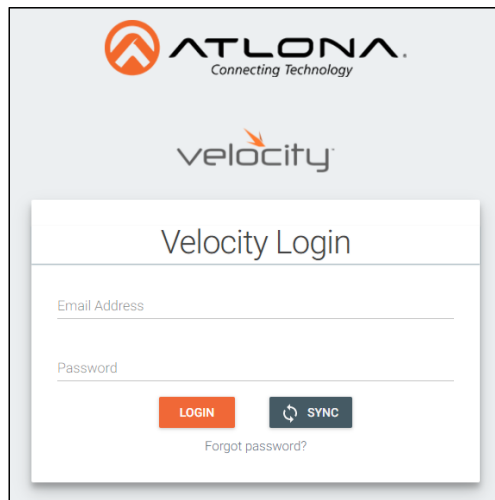
Once the Velocity Gateway has been set up on a network, the IP of the server can be located using a display connected to the HDMI or Mini DisplayPort outputs.

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



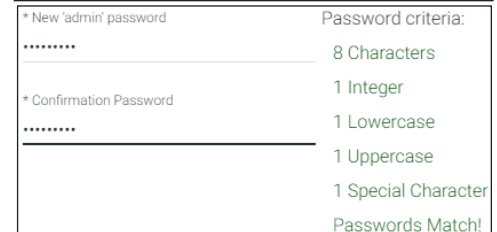
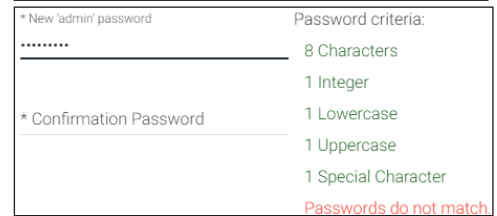
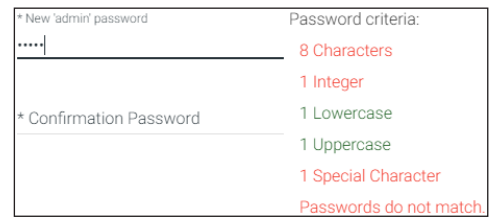
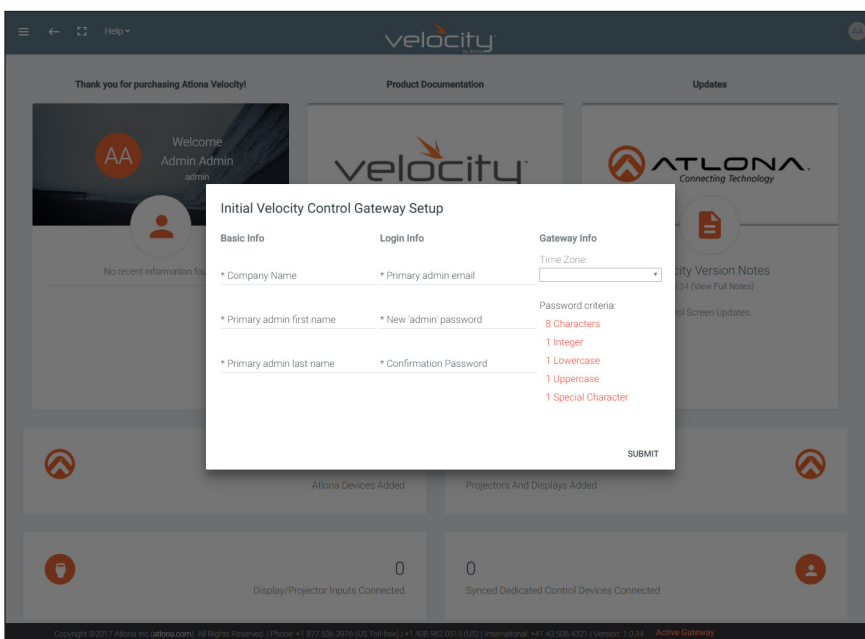
2. Enter the login information on the Velocity web page, then click the **Login** button. Note that the password is masked when typed.

Login: admin
Password: admin



3. Fill in the initial set up information, including: Company Name, current admin's First & Last name, the admin's email address, and a new password.

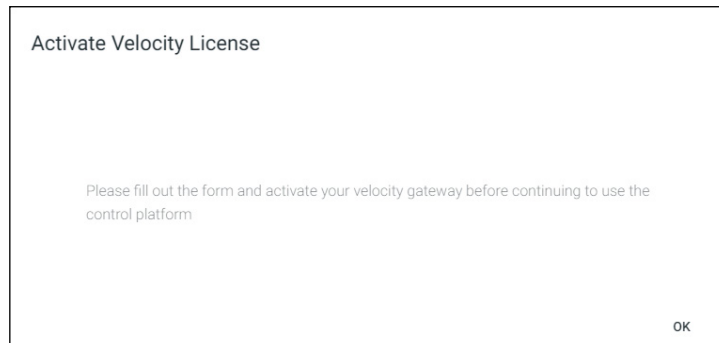
NOTE: Passwords must be at least 8 characters and include: 1 number, 1 uppercase letter, 1 lowercase letter, and 1 special character. The text will appear all green when the password meets all criteria.



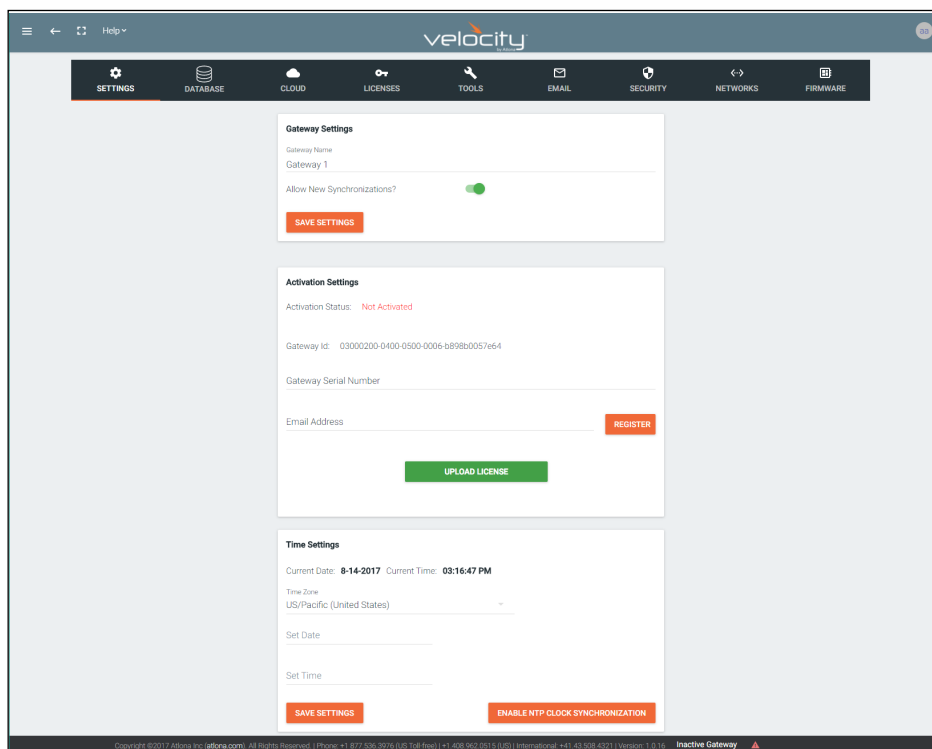
4. Press **SUBMIT** once all information is filled. A new pop up will appear.

NOTE: If the gateway is activated already, it will go to the sites page. If the gateway is not activated, it will go to the system settings page. Activation status can be found at the bottom right hand of the screen.





5. Press the **OK** button on the Activate Velocity License window. The settings page will open.



6. Fill in the serial number (provided at time of purchase or located on the bottom of the AT-VGW-250) and the email address of the system administrator. Press the **Register** button. A new tab will open.

Activation Settings

Activation Status: Not Activated

Gateway Id: 03000200-0400-0500-0006-b898b0057e64

Gateway Serial Number
0740305517060200054

Email Address
a@a.com

REGISTER

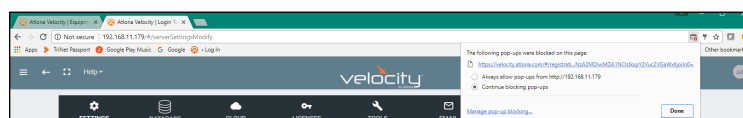
UPLOAD LICENSE

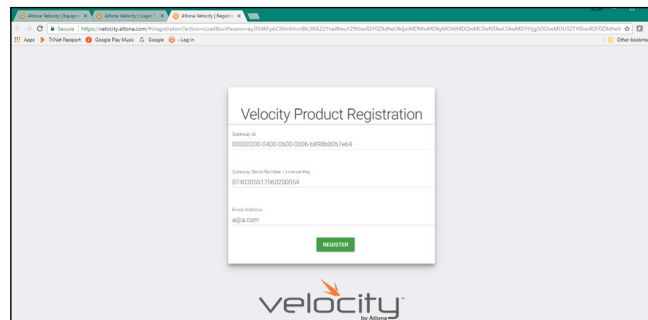


NOTE: Either the Gateway or the computer connected to the Gateway needs to have access to the internet to register.

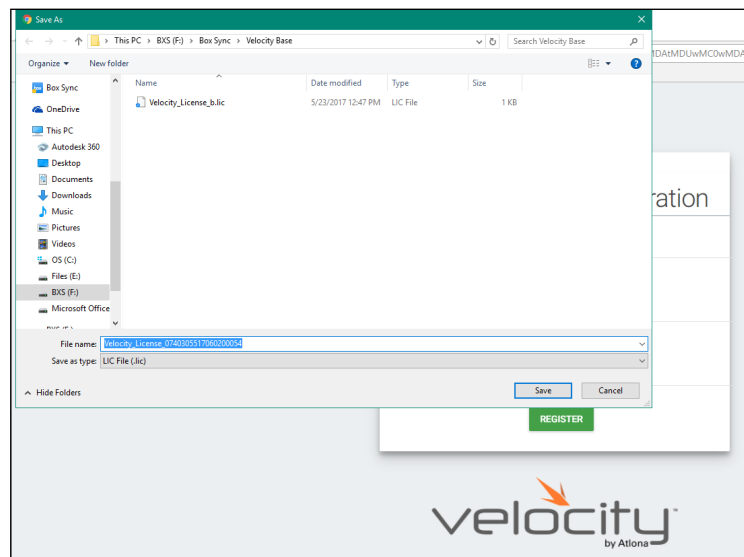


NOTE: If nothing happens when the register button is pressed, disable pop-up blockers and open the blocked window.

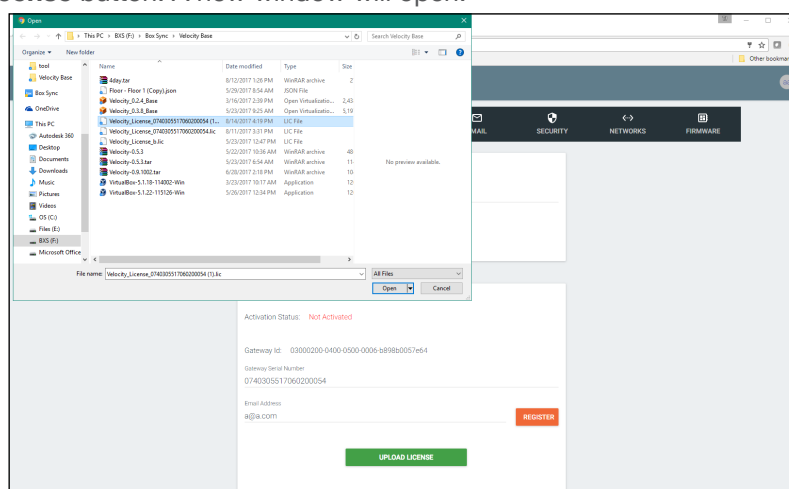




7. The fields should be auto-filled from the previous screen, if not, fill in the serial number and email address. Press the **Register** button.
8. The license file will be downloaded automatically. Select an easy to find place on the local PC (e.g. desktop) to save to.



9. Close the registration tab and return to the system settings page.
10. Press the **Upload License** button. A new window will open.



11. 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**.



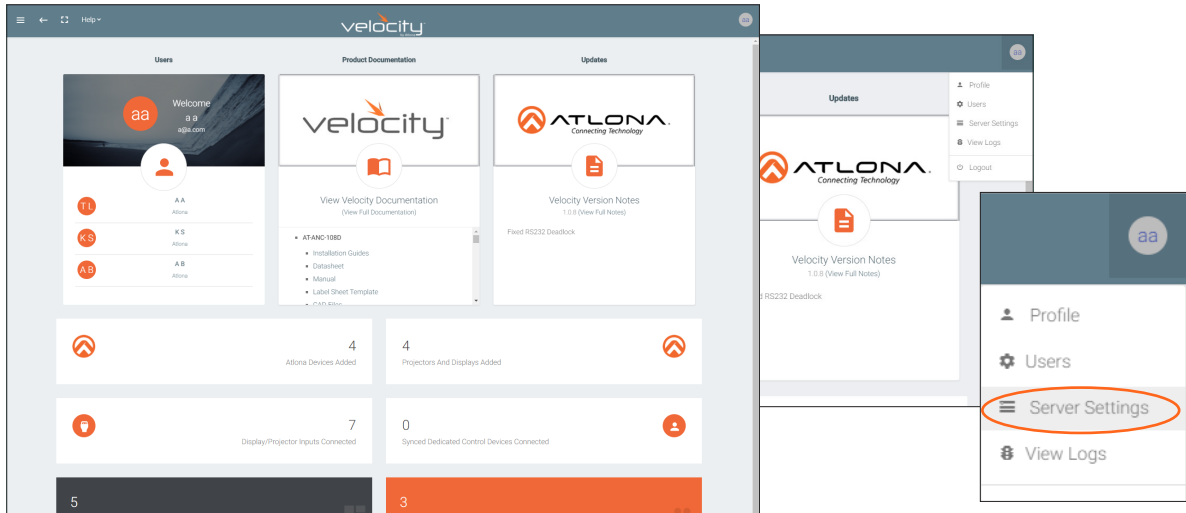
NOTE: The page should refresh automatically after registration, if the page does not, manually refresh the web browser.

Gateway Activated Successfully.

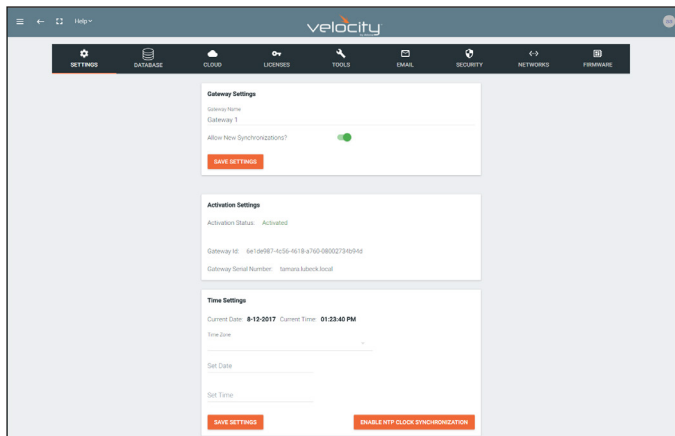
System Settings

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

1. Locate the user icon in the top right corner of the home page and left click to select.

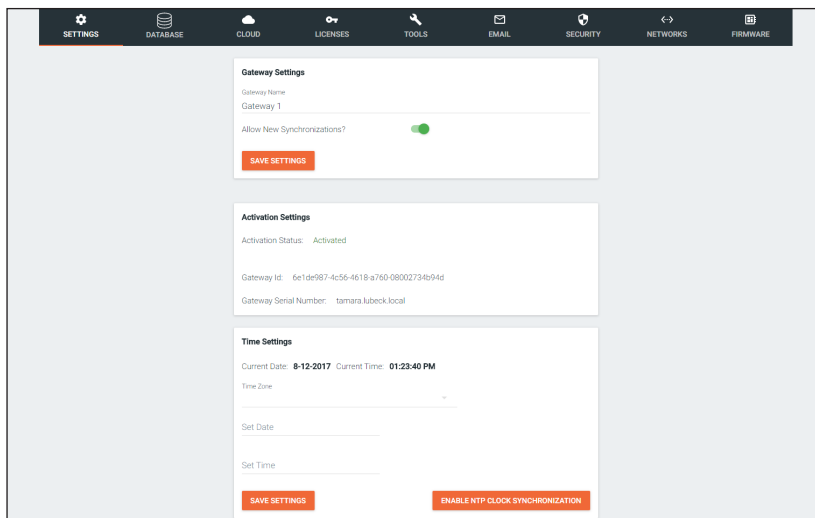


2. Select **Server Settings** from the drop down menu. A new page will open.



Settings

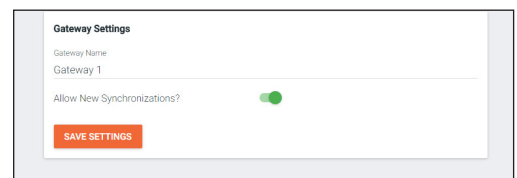
Used during activation, the settings page provides basic information for Velocity, such as: Gateway Settings, Synchronization, ID and Serial Number, and Time Settings.



Gateway Settings

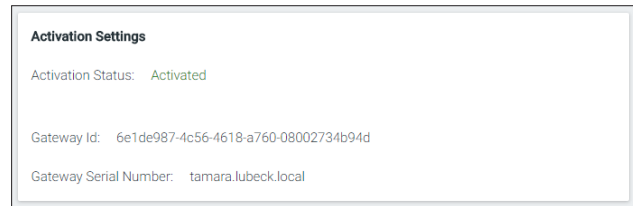
The gateway name may be changed, to provide an easy way to discern between different gateways.

Select the slider bar next to **Allow New Synchronizations** to enable the Atлона Touch Pads and other devices to connect to the gateway.



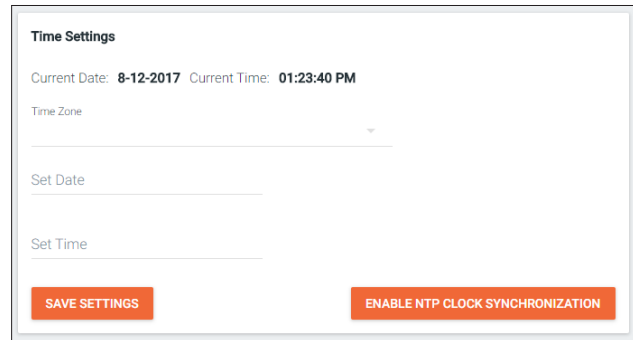
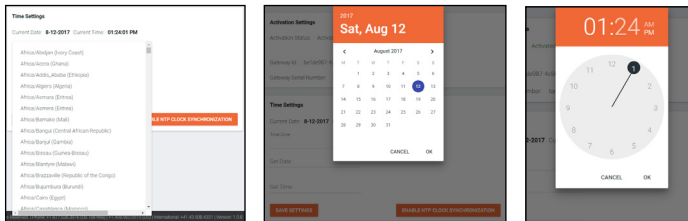
Activation Settings

This will show the current activation status and the gateway ID and serial number. Velocity should have been activated following the steps in the [Log In & Activation section](#).



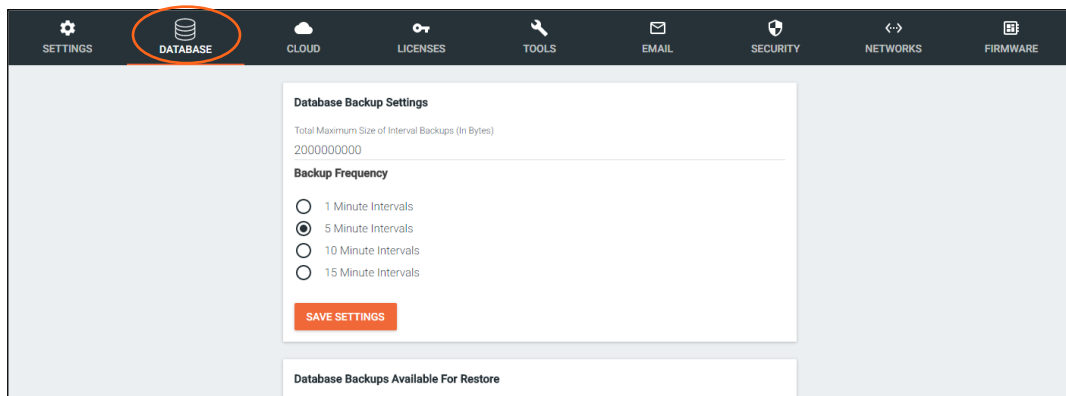
Time Settings

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



Database

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



The Database page provides a way to back up, restore, and set up redundancies for Velocity.

Backup Settings

Set the back up size limit for Velocity (in bytes) to keep the amount of space velocity takes to a manageable amount of space. Default is 2,000,000,000 or 2GB.

Setting the backup frequencies ensures that in the case of failures (such as power loss) changes made recently are not lost. Set from 1 to 15 minute intervals.

Backups Available For Restore

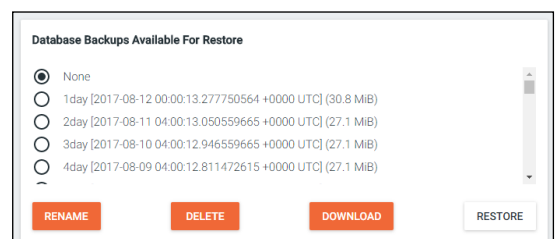
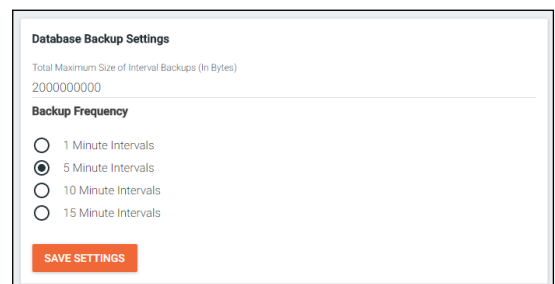
All backups available will appear in the list. The backups can be renamed, deleted, downloaded to the local computer, or restored to.

Rename - Set a back up name to help remember what settings were backed up.

Delete - Open up more space for future back ups or remove backups or unwanted settings.

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

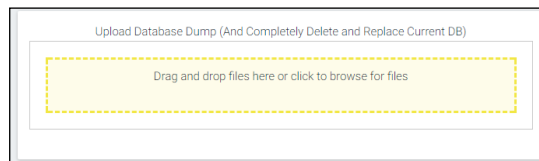
Restore - Select any of the back ups to restore to.



NOTE: It is recommended to download and store the backup to a safe location on a local PC.

Upload

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



Redundancy Settings

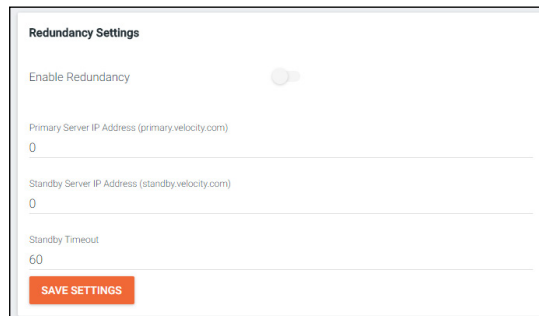
Redundancy provides seamless control where in the case of power loss or other events on one gateway, the secondary gateway takes over control.

Enable Redundancy - Select the slider. When green, redundancy is enabled.

Primary Server IP Address - Set to the IP of the gateway all changes will be made on.

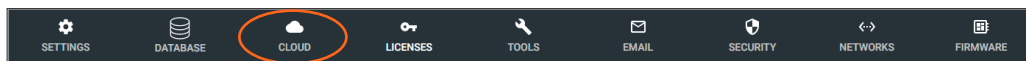
Standby Server IP Address - Set to the IP of the secondary gateway that will serve as backup in case of failure.

Standby Timeout - Set the time in seconds before the secondary gateway takes over control.



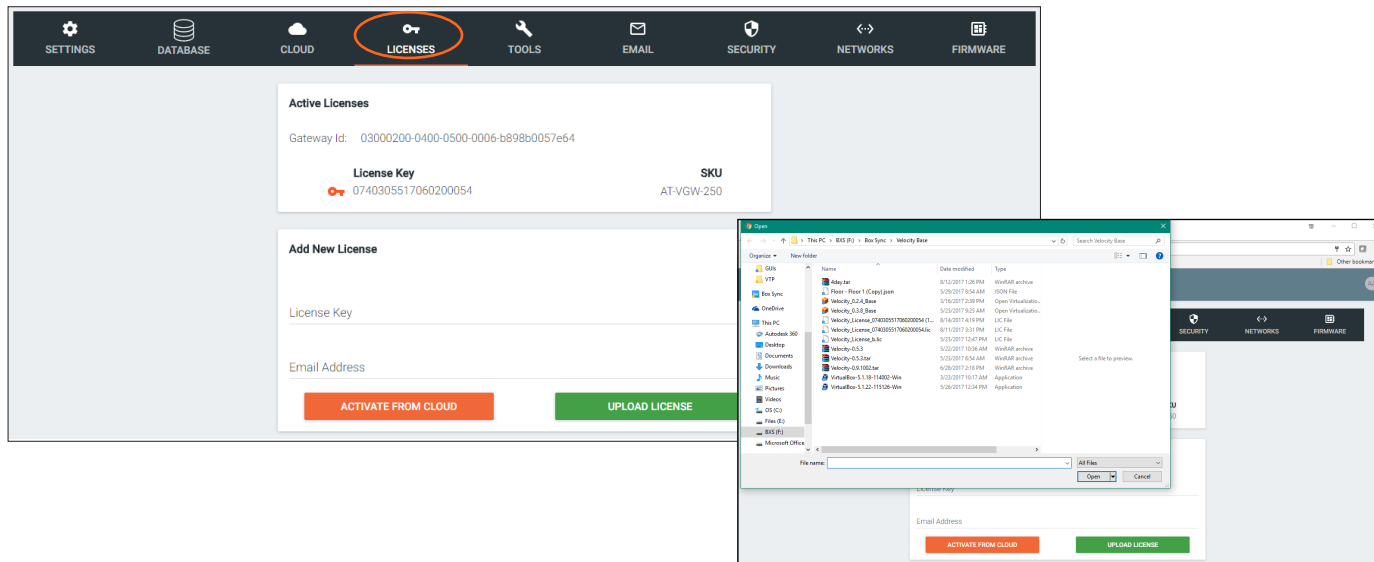
Cloud

Refer to Cloud section.



Licenses

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



The license page will display any licenses currently associated to the user’s gateway. If there are multiple licenses, they will be displayed here.

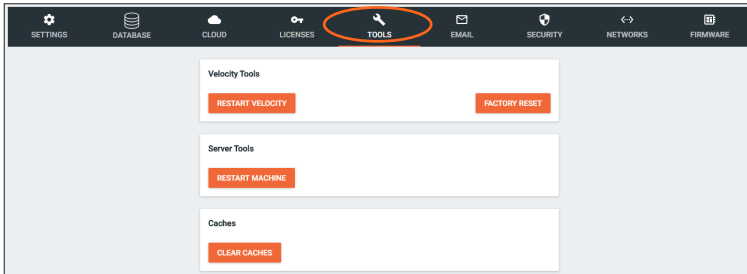
More licenses can be activated here, to expand the amount of licenses and include new control devices.

1. Select the **Upload License** button.
2. Select the license file and press the Open button.

The new license will appear under **License Key**.

Tools

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



The tools page allows for the Velocity software, Gateway, or web browser Velocity files to be reset.

Restart Velocity - Restarts the Velocity software and allows any updated information to come through.

Factory Reset - Resets Velocity back to factory settings, removing all sites and settings.

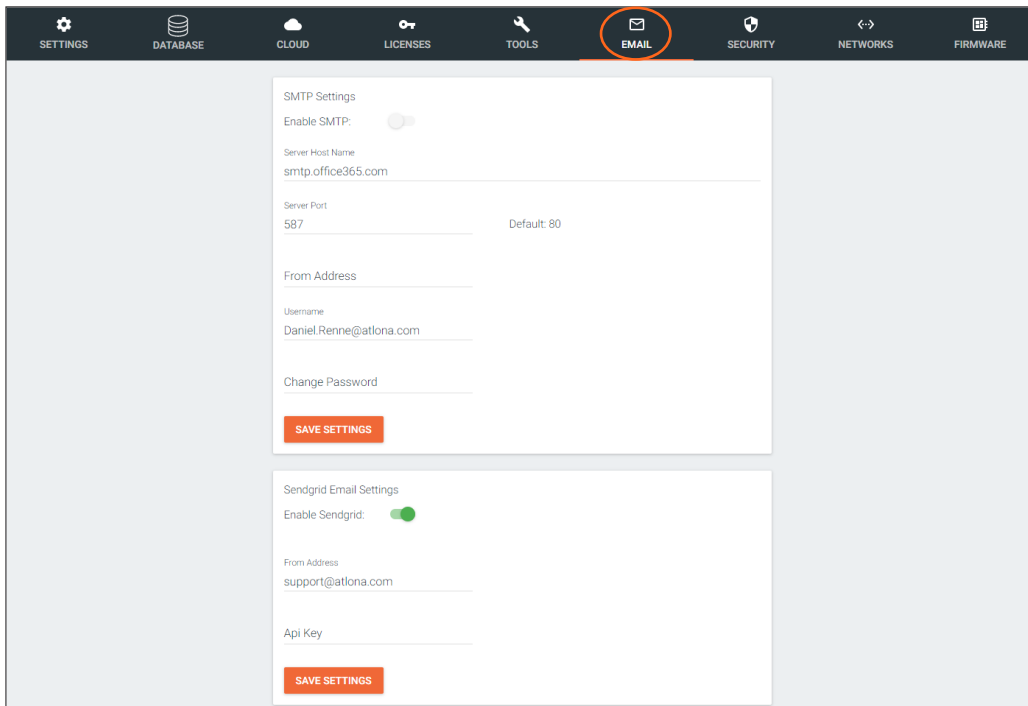
Restart Machine - Reboots the gateway.

NOTE: Turning off the gateway will shut down Velocity and control will not be possible until the unit is restarted.

Clear Cache - This will clear all Velocity files from the current web browser.

Email

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

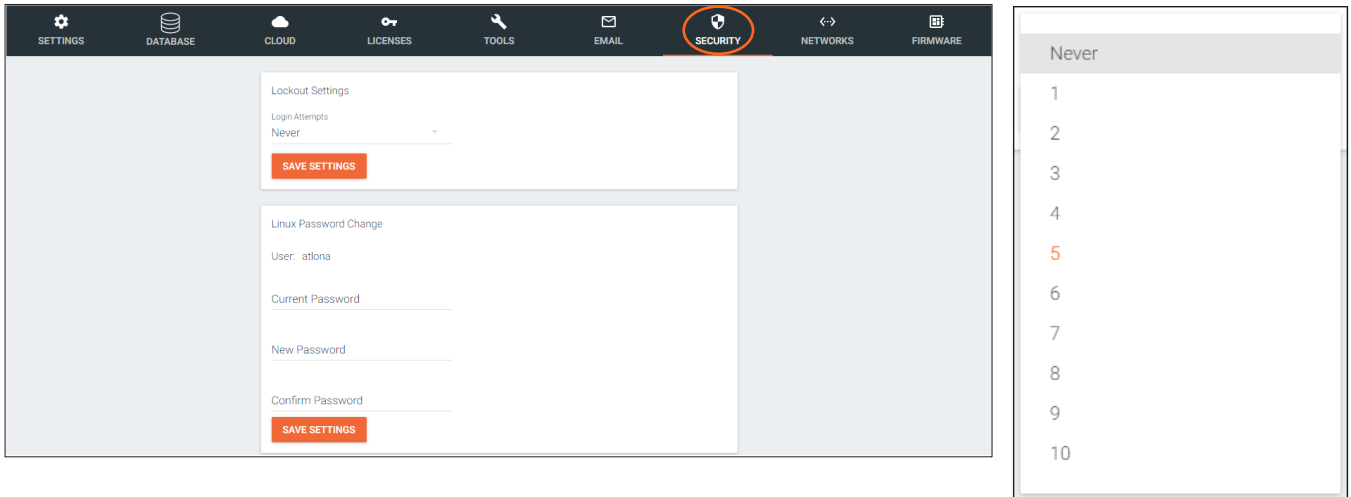


2. Fill in the company's email and/or Sendgrid settings.

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**.
2. Set the limit for how many login attempts a user has before the system is locked to those credentials.



When running Velocity off a local Linux machine, to protect the server, the password should be changed from default.

Default User: atlona

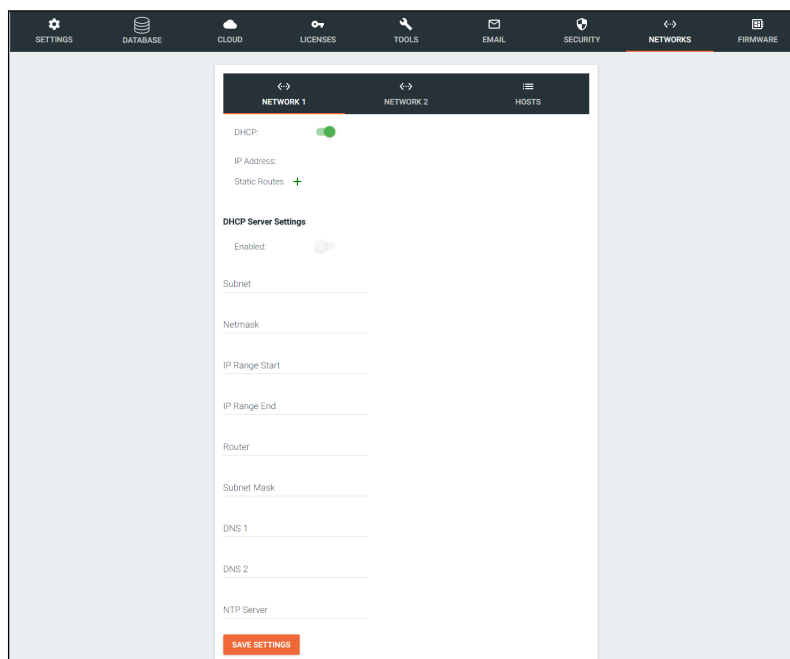
Default Password: atlona

3. Type in the new password twice to confirm and press save.

i NOTE: This is for the Linux operating system password update, NOT for Velocity login. Velocity login password may be changed under users.

Networks

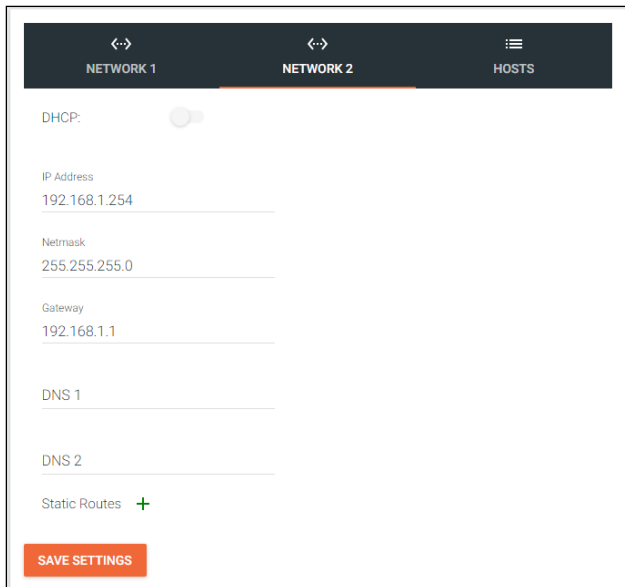
1. Select **Networks** from the top navigation inside of the **Server Settings**.



Network 1 corresponds with Ethernet Port 1 of the AT-VGW-250 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.

i NOTE: By default, Ethernet Port 1 is set to Static IP and Ethernet Port 2 is set to DHCP.

2. Select **Network 2** from the network box.



NETWORK 1 NETWORK 2 HOSTS

DHCP:

IP Address
192.168.1.254

Netmask
255.255.255.0

Gateway
192.168.1.1

DNS 1

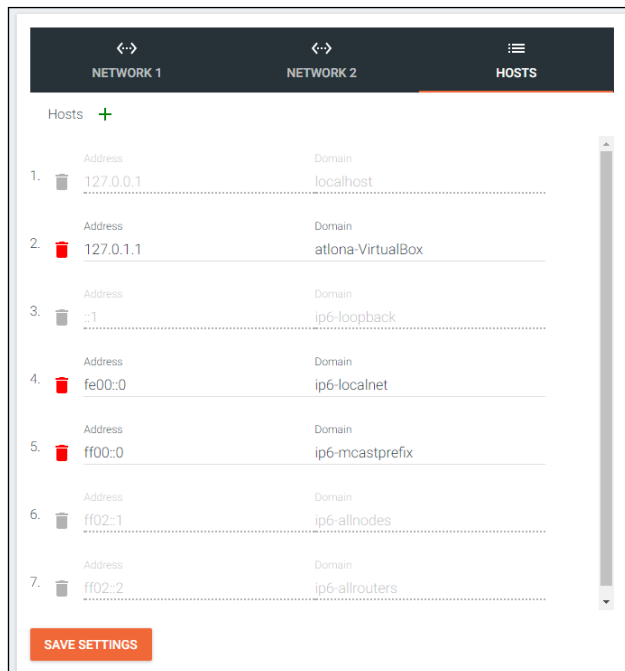
DNS 2

Static Routes +

SAVE SETTINGS

Network 2 corresponds with Ethernet Port 2 of the AT-VGW-250 and can be set between static IP and DHCP.

3. Select **HOSTS** from the network box.



NETWORK 1 NETWORK 2 HOSTS

Hosts +

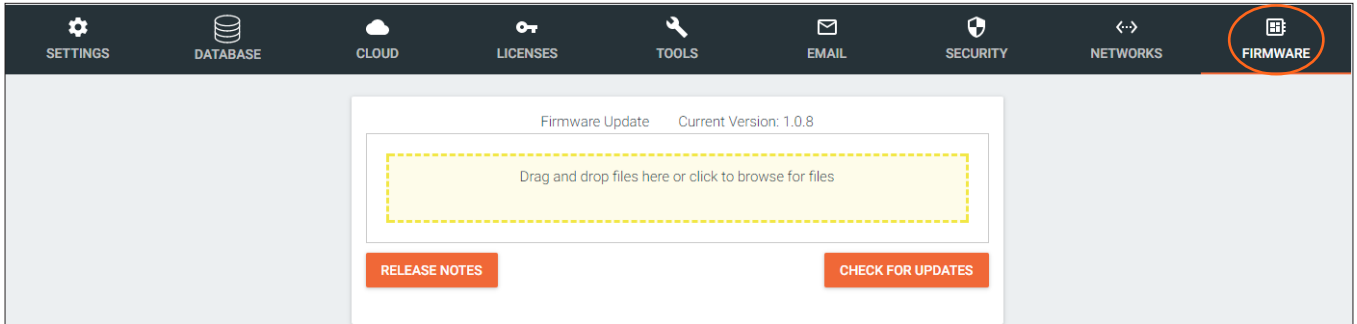
	Address	Domain
1.	127.0.0.1	localhost
2.	127.0.1.1	atlonavirtualbox
3.	::1	ip6-loopback
4.	fe00::0	ip6-localnet
5.	ff00::0	ip6-mcastprefix
6.	ff02::1	ip6-allnodes
7.	ff02::2	ip6-allrouters

SAVE SETTINGS

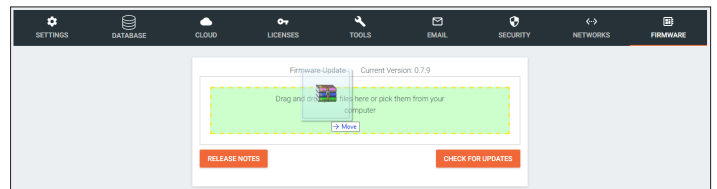
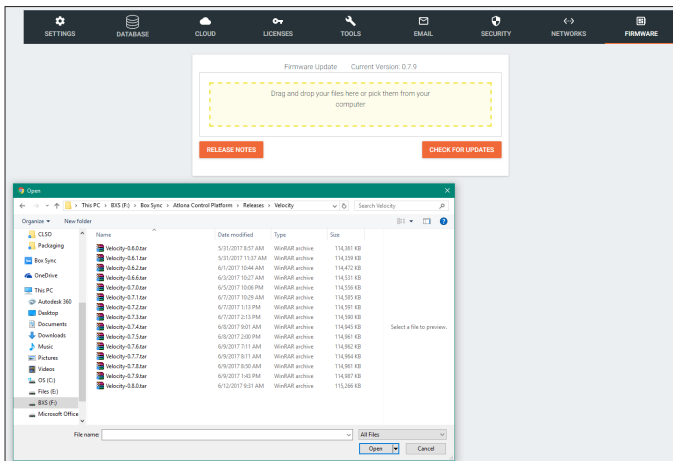
Hosts provides a simple way to connect to Velocity on the network. Provide a host name and save it. This can be used to pull up Velocity on any computer on the same network, simply by typing the host name into a browser.

Firmware

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

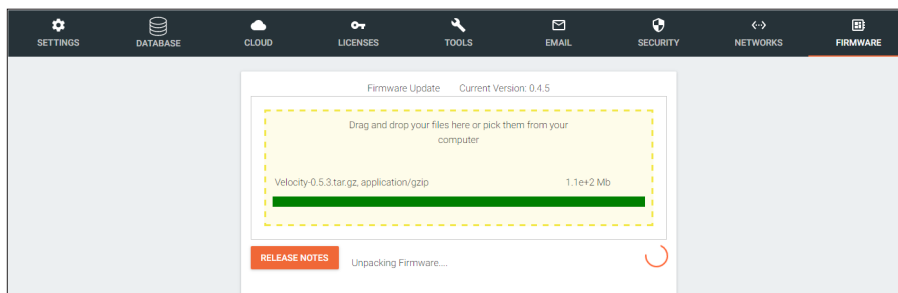


2. Click on the field to browse the local computer for the firmware file, or drag and drop the firmware into the field.

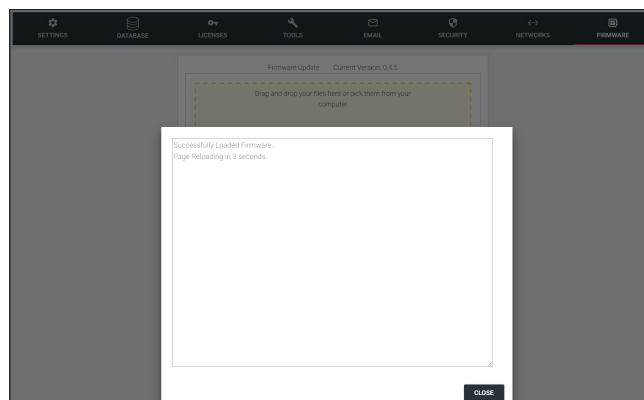


- NOTE:** Velocity update files will be tar.gz file extensions. These are compressed files and should not be extracted before upload.
- NOTE:** When downloading the firmware file on a MAC, ensure that the file is not being auto-extracted. The option to turn off auto-extraction will be found within the browser settings..

Firmware upgrading will start automatically.

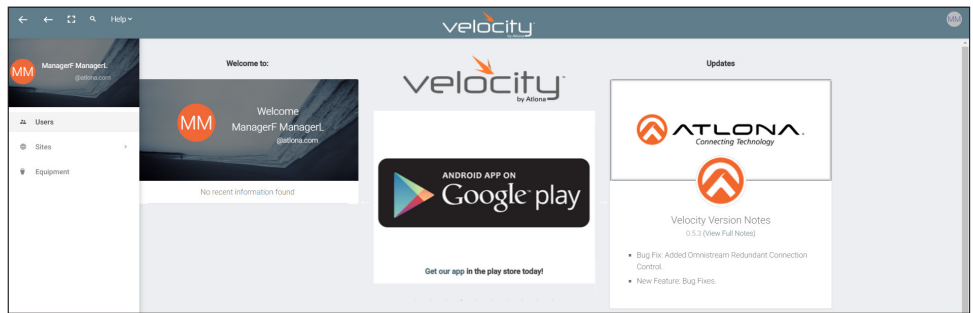


When the firmware upgrade is successfully completed, a pop up window will appear. It will close a few seconds later and will redirect the page to **Settings**.

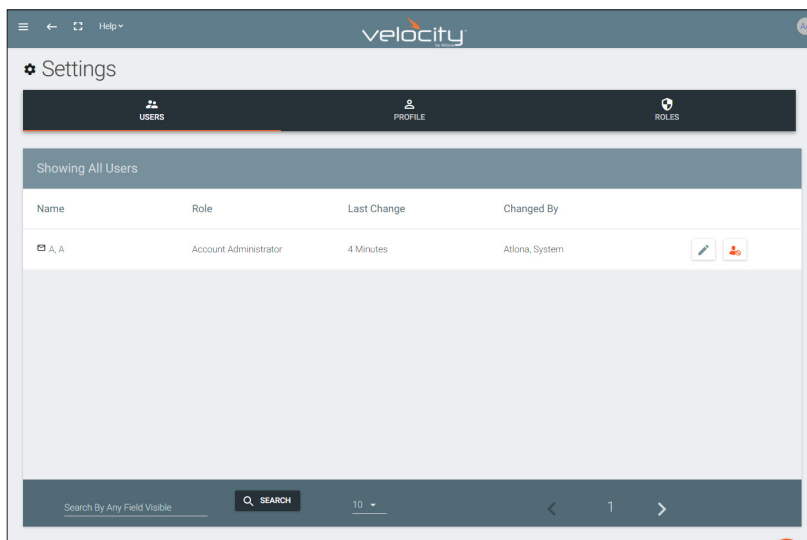


User Settings

1. Select the = button from the top left corner and select **Users**.



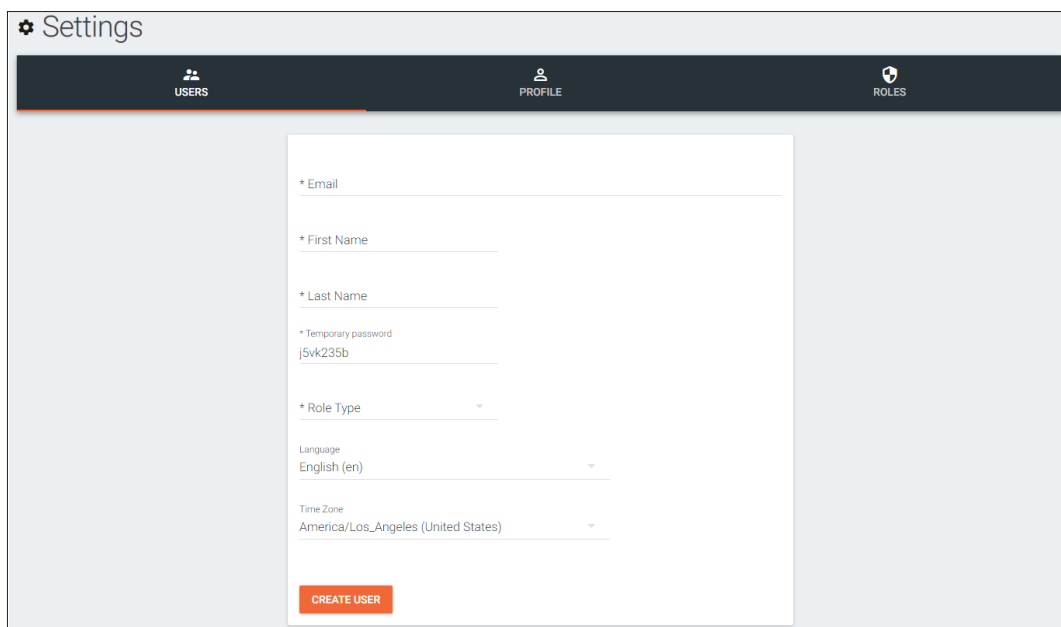
A new page will open.



Adding Users

1. Select the + button to add a new user. Either the top + or the bottom + button may be used.

A new page will open.



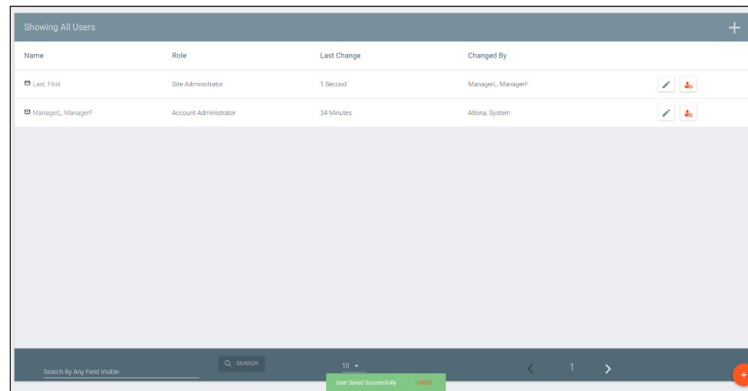
2. Fill in all the user information fields.

- **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 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 18](#).
- **Language** - Select the user's language preference. Default will be English.
- **Time Zone** - Select the time zone the user will be logging in from.

- Account Administrator
- Site Administrator
- Designer
- Support Technician
- End User

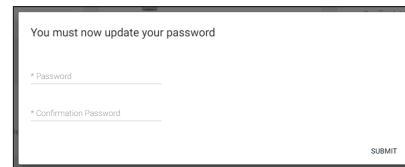
3. Press the **Create User** button.

If successful, Velocity will redirect to the Users page and a green successful message will appear at the bottom of the page.



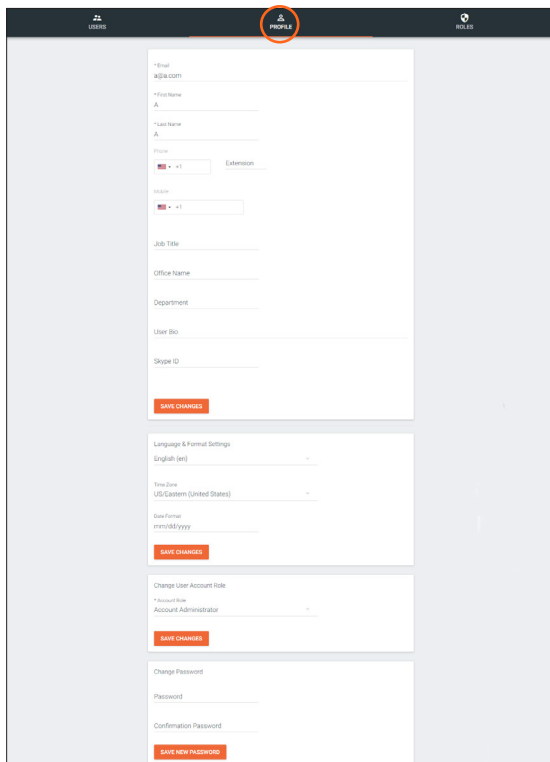
Name	Role	Last Change	Changed By
Last, First	Site Administrator	1 Second	Manager, Manager
Manager, Manager	Account Administrator	34 Minutes	Albina, System

Upon login, all new users will be prompted to update their password.



Profile

1. Select **Profile** from the top navigation.

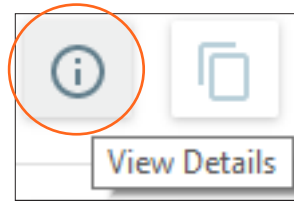
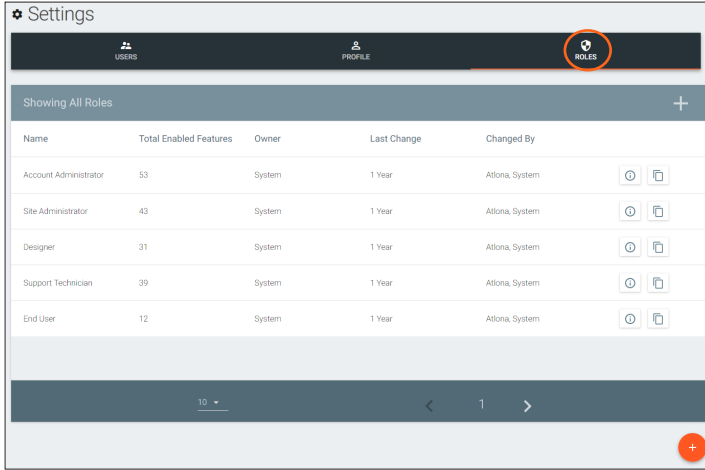


2. Fill in the user information that was not created in the previous screen, such as: Job Title, Office Name, Department, User Bio, and Skype ID.

NOTE: The profile information that can be changed will vary based on user permission level.

Roles and Permissions

1. Select **Roles** from the top navigation.



There are five default roles: Account Administrator, Site Administrator, Designer, Support Technician, and End User. The permissions can be seen by pressing the **View Details** button or using the tables below.

Site Related

User Level	View	Add	Modify	Delete	Copy	Export
Account Admin	X	X	X	X	X	X
Site Admin	X	X	X	X	X	X
Designer	X					
Support Tech	X	X	X	X	X	
End User	X					

Building Related

User Level	Add	Modify	Delete	Copy
Account Admin	X	X	X	X
Site Admin	X	X	X	X
Designer				
Support Tech	X	X	X	X
End User				

Floor Related

User Level	Add	Modify	Delete	Copy	Move ^ or v
Account Admin	X	X	X	X	X
Site Admin	X	X	X	X	X
Designer	X	X	X	X	X
Support Tech	X	X	X	X	X
End User					

Room Related

User Level	Add	Modify	Delete	Copy
Account Admin	X	X	X	X
Site Admin	X	X	X	X
Designer	X	X	X	X
Support Tech	X	X	X	X
End User				

Technology Related

User Level	View	Add	Modify	Delete	Control	Ping	Status
Account Admin	X	X	X	X	X	X	X
Site Admin							
Designer	X	X	X	X	X	X	X
Support Tech	X	X	X	X	X	X	X
End User							

Server Settings Related

User Level	Modify
Account Admin	X
Site Admin	
Designer	
Support Tech	X
End User	

Maintenance Related

User Level	Modify
Account Admin	X
Site Admin	
Designer	
Support Tech	X
End User	

User Related

User Level	View	Add	Modify	Change Roles	Revoke Access
Account Admin	X	X	X	X	X
Site Admin	X	X	X	X	X
Designer					
Support Tech					
End User					

Role Related

User Level	View	Add	Modify	Delete	Copy
Account Admin	X	X	X	X	X
Site Admin	X	X	X	X	X
Designer					
Support Tech					
End User					

Control Related

User Level	Access All Pages	View Logs
Account Admin	X	X
Site Admin		X
Designer	X	X
Support Tech	X	X
End User		

Equipment Related (within room)

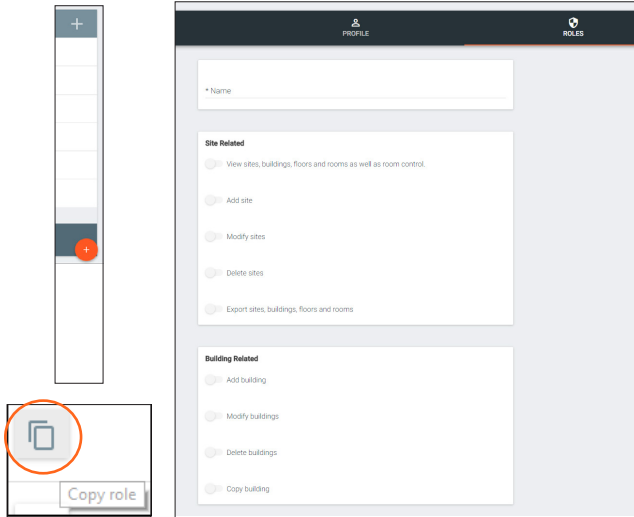
User Level	View	Add	Modify	Delete	Export	Copy
Account Admin	X	X	X	X	X	X
Site Admin	X	X	X	X	X	X
Designer	X	X	X	X	X	X
Support Tech	X	X	X	X	X	X
End User	X	X	X	X	X	X

Reference Image Related

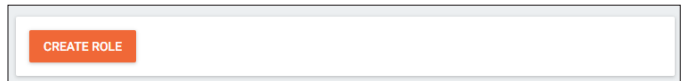
User Level	View	Add	Modify	Delete	Export	Copy
Account Admin	X	X	X	X	X	X
Site Admin	X	X	X	X	X	X
Designer	X	X	X	X	X	X
Support Tech	X	X	X	X	X	X
End User	X	X	X	X	X	X

If the five 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 role can also be copied using the **Copy role** button, then edited.

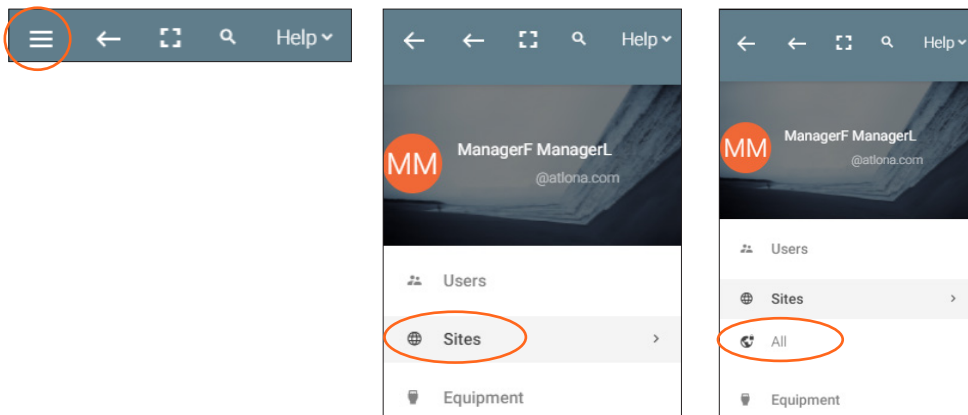


2. Name the role, to make easy to identify later.
3. Press the slider for each permission to grant the current role.
3. Press the **Create Role** button to save all the settings.

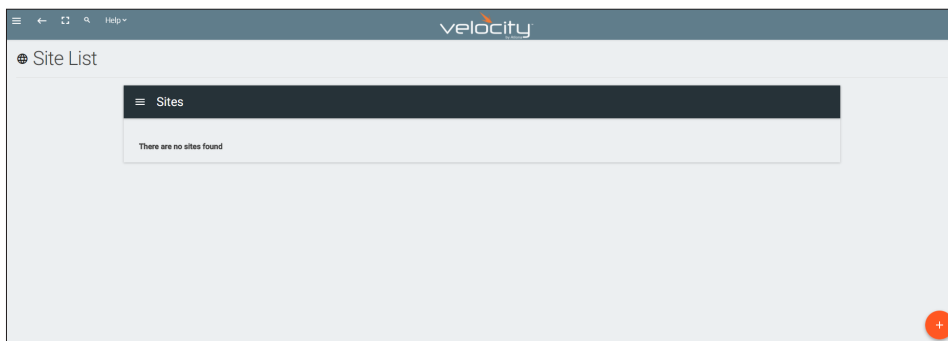


Sites

1. Select the = button from the top left corner and select **Sites**.



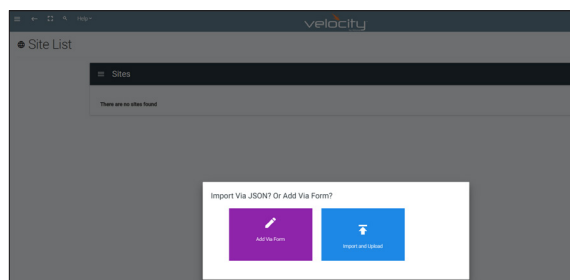
2. Select **All** from the options that becomes available. A new window will appear.



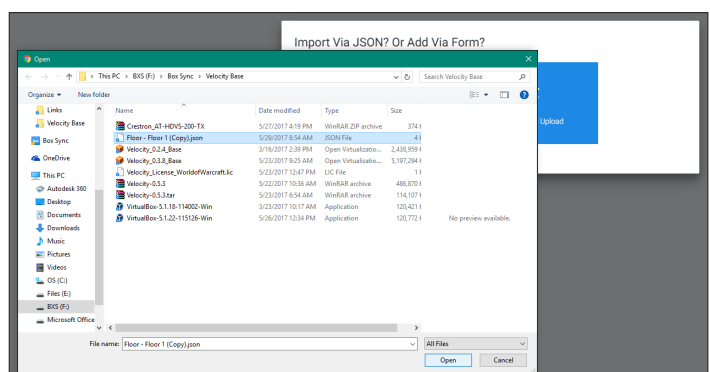
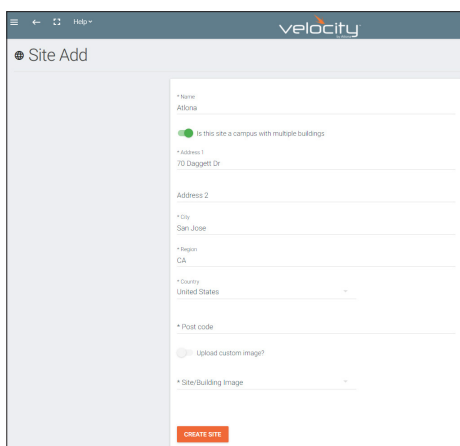
Add

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

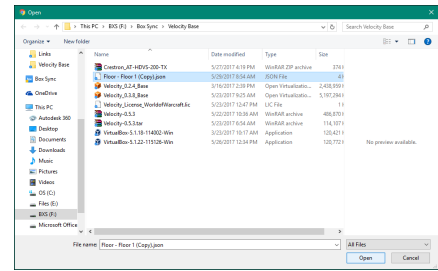
NOTE: Only one site can be added per gateway.



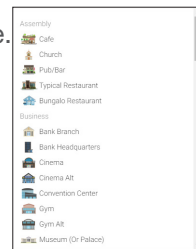
2. Select the purple **Add via Form** button for new sites and the blue **Import and Upload** button if creating a room based off a previously created site. A new window will appear.



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

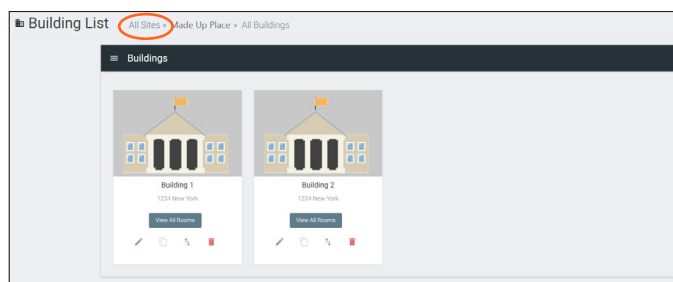


- **Name** - Usually the company name, use to identify the site Velocity will be located.
- **Multiple Building** slider - Select this to start the site with two buildings instead of one.
- **Address 1 & 2, City, Region, Country, Post code** - Used to help determine the exact location of the site, to 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.

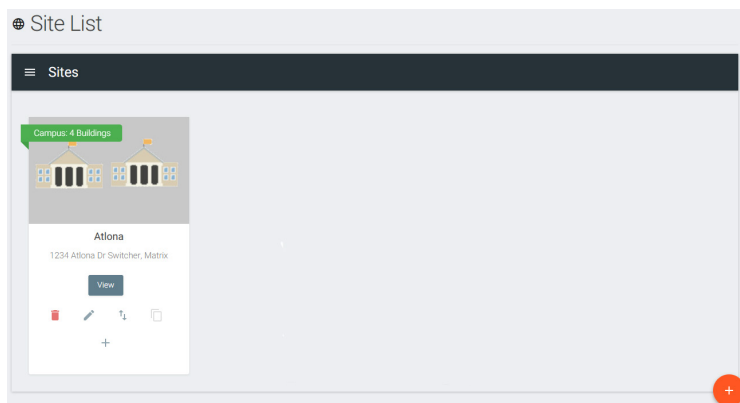


4. Press the **Create Site** button.

A new page will open.

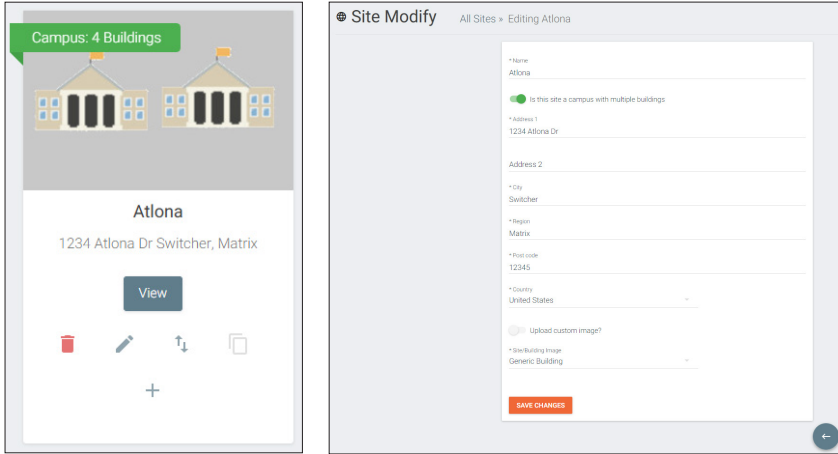


To return to the sites page, press **All Sites** within the top navigation.



Edit

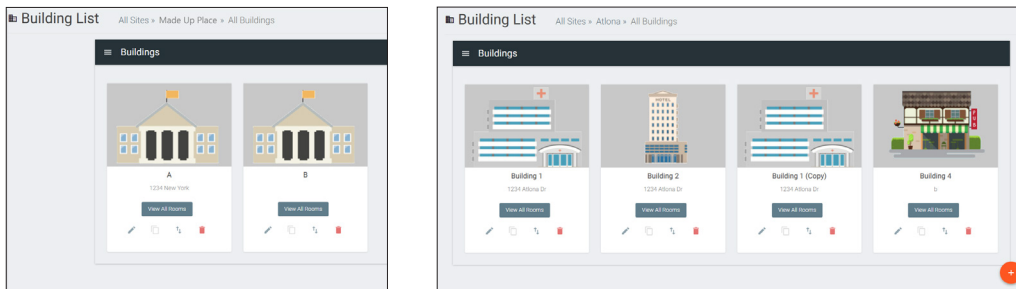
1. Press the **Edit Site** (pencil) button to update a site's information. A new window will open.



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.

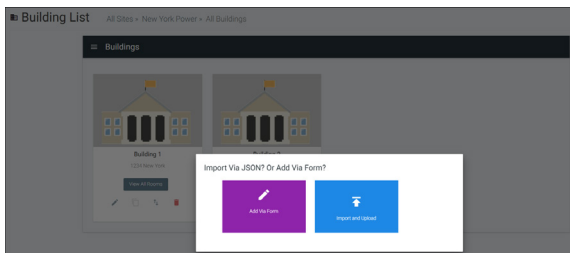


Using the **+** button or the navigation below the **View All Rooms** button, buildings can be added, edited, and deleted from this screen.

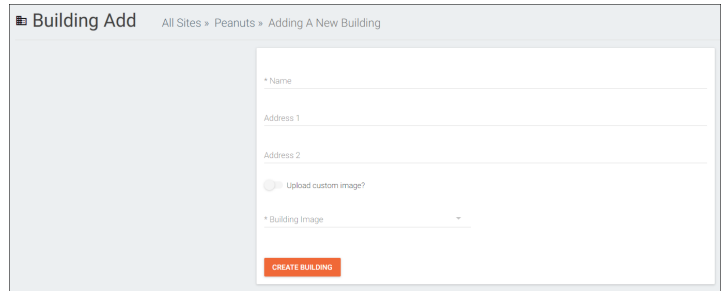
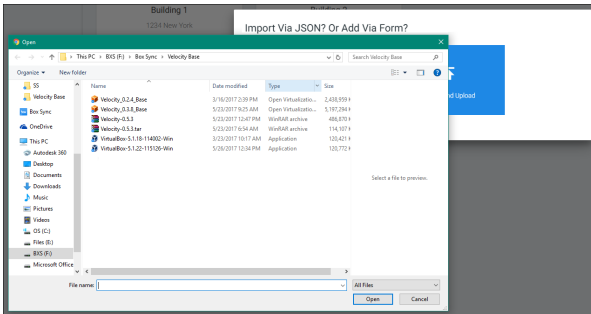


Add

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.



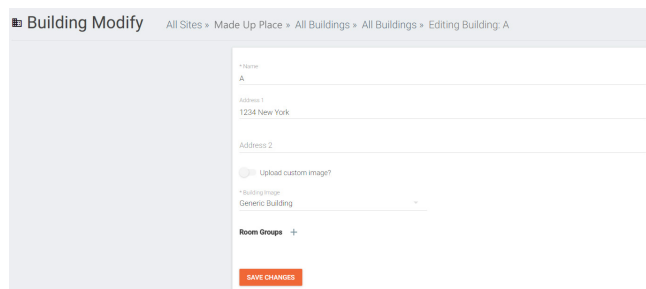
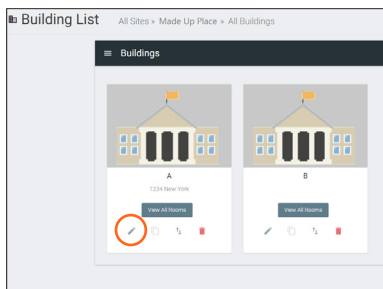
1. Select the purple **Add via Form** button for new buildings and the blue **Import and Upload** button if creating a building based off a previously created building. A new window will appear or a browse folder will open.



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.

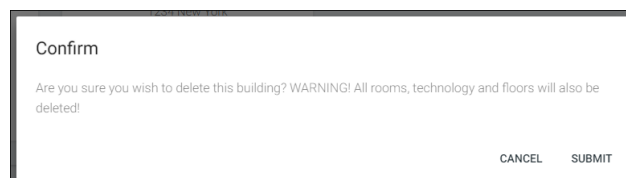
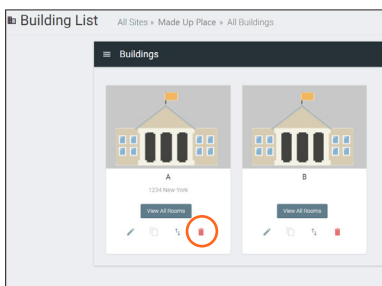


The options on the **Building Modify** window will be the same as the **Add Building** window, with the exception of **Room Groups***. The requirements will be the same. Once changed, press the **SAVE CHANGES** button.

***Room Groups** is a future feature for user assignments to specific rooms.

Delete

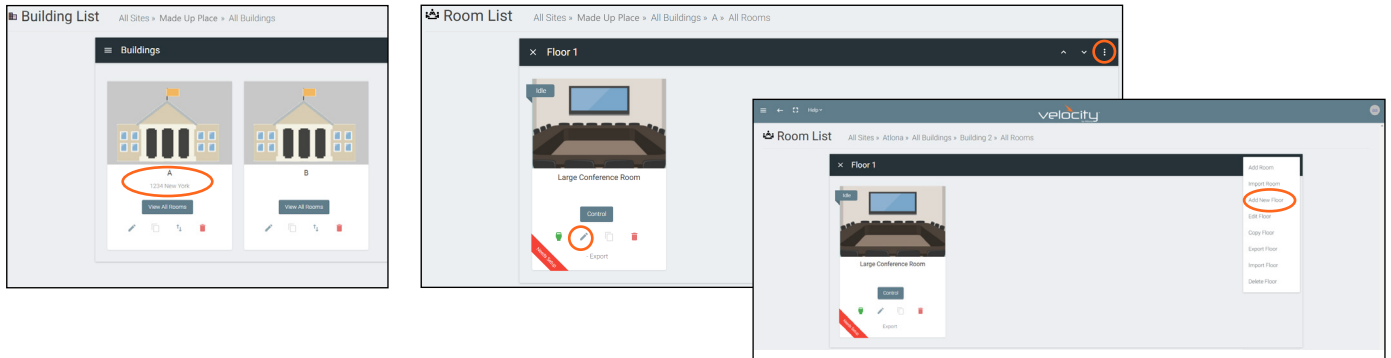
1. Press the **Delete building** (trash can) button to delete a building. A popup confirmation window will appear.



2. Press the **SUBMIT** to delete the building.

Floors

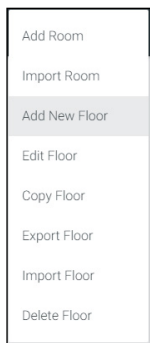
Once a building is created, the **View All Rooms** button can be pressed to go directly to the room and floors areas. One floor and one room will automatically be generated based on the type of building selected during creation.



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 Several Floors** - When enabled, the number of floors added at once is unlimited, but will slow the server if too many are added.
- **Floor Name** - When adding a singular room, it can be named.

Add New Floor

Add Several Floors/Room Groups?

* Total Floors
10

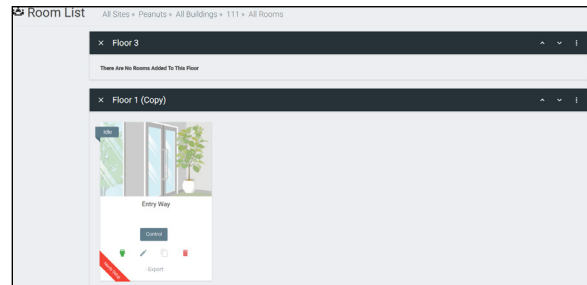
CANCEL SUBMIT

Add New Floor

Add Several Floors/Room Groups?

* Floor Name
Floor 3

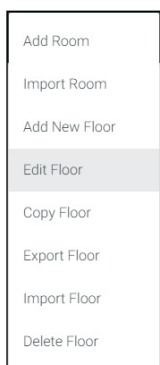
CANCEL SUBMIT



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.



Editing Floor

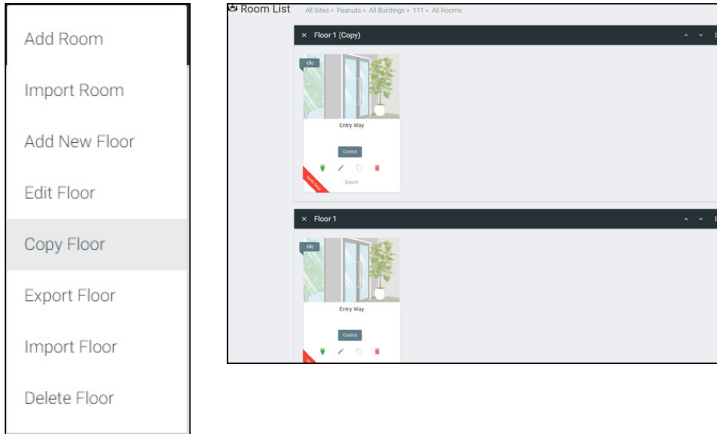
* Floor Name
Floor 1

CANCEL SUBMIT

2. Type in a new name for the floor.

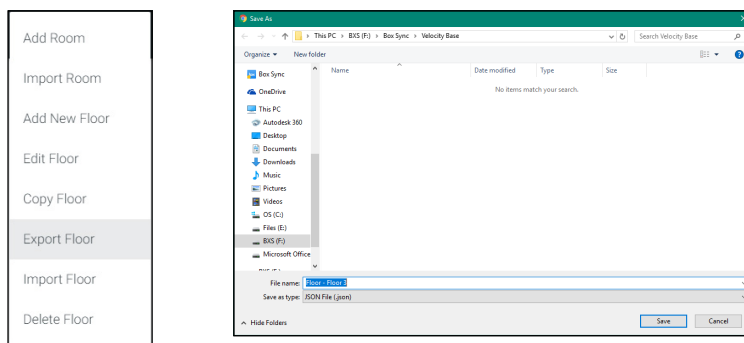
Copy

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



Export

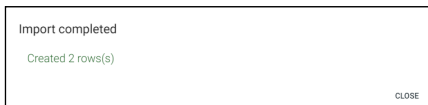
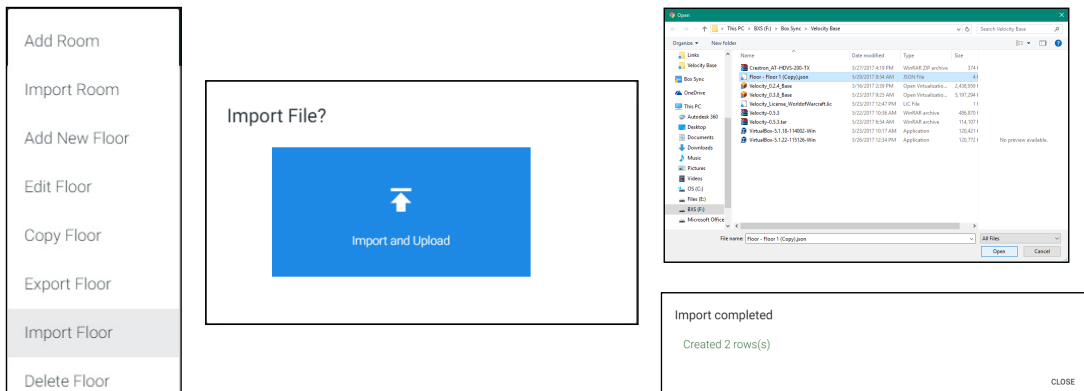
1. Select **Export Floor** from the drop down list. A new window will open.



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.

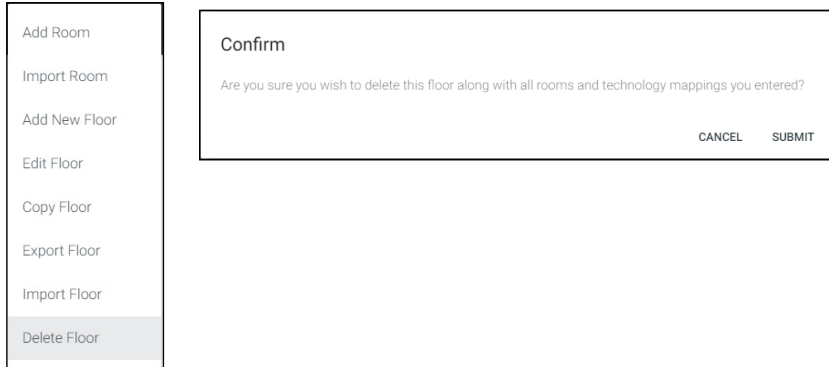


2. Select **Import and Upload**. A new window will open.

3. Select the file and press **Open**.

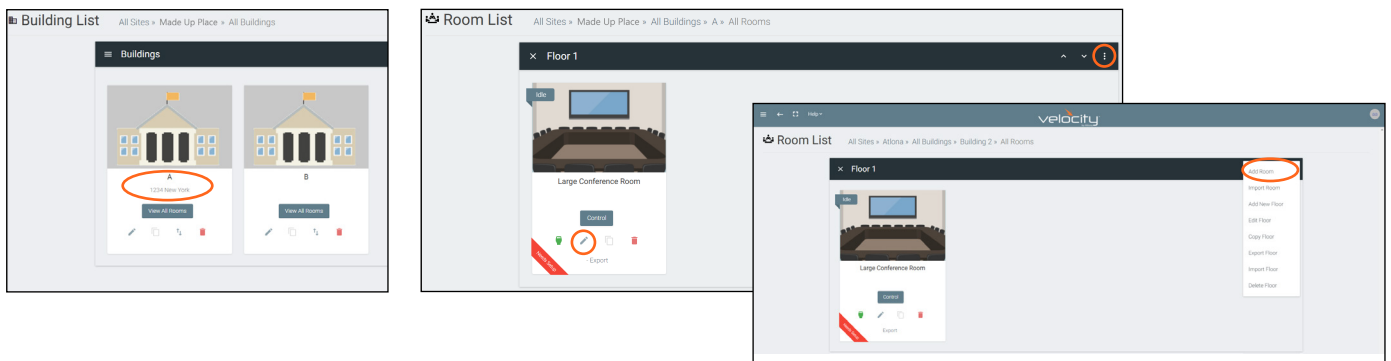
Delete

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



Rooms

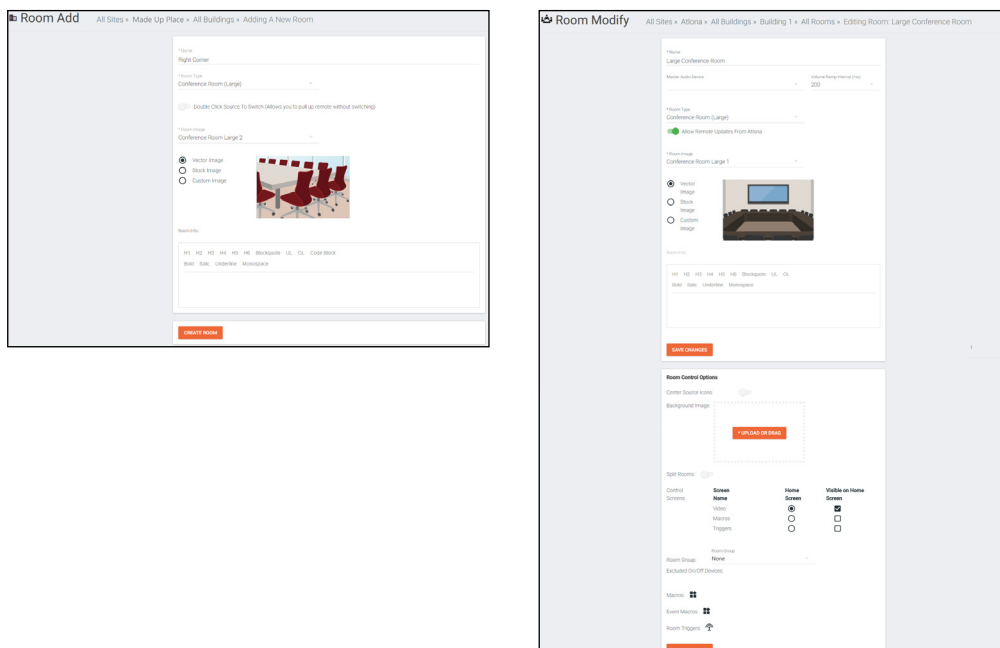
Once a building is created, the **View All Rooms** button can be pressed to go directly to the room and floors areas. One room will automatically be generated based on the type of building selected during creation.



The room can be used, edited, or deleted based on preference.

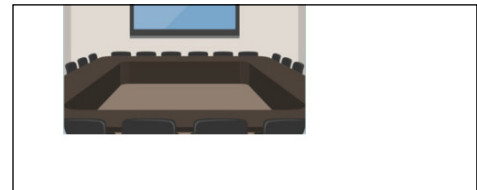
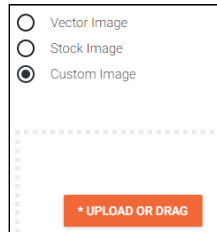
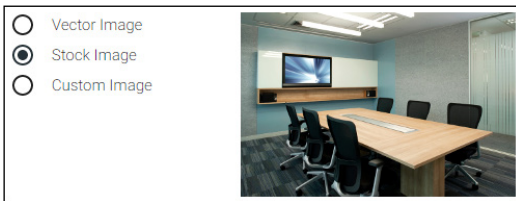
1. Press **Edit** (pencil) or **Add Room** from the drop down in the right corner. A new window will open.

Room Add and **Room Modify** will have the same top options. More options will appear for **Room Modify**.



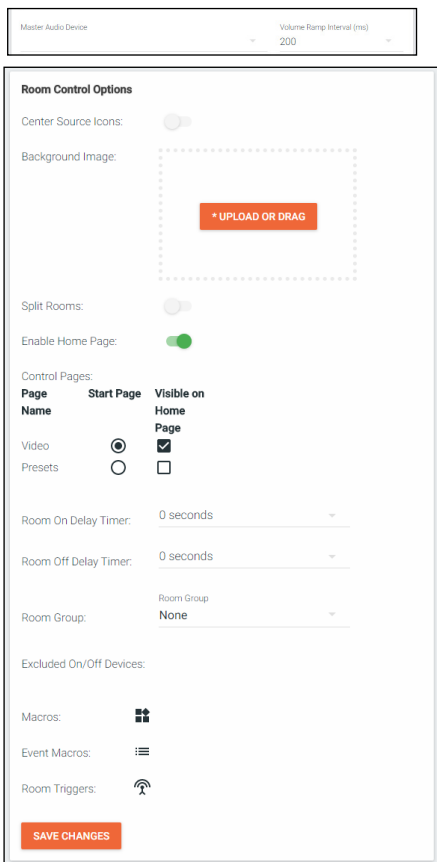
2. Fill in all the information

- **Name** - Usually the room number or name.
- **Room Type** drop down menu- Select a room type within the list that best represents the room.
- **Double Click** slider - Select this to have sources be switched with a double click to the source icon.
- **Room image** drop down menu - Select between images to represent the room. There are three image types: vector, stock, and custom image.



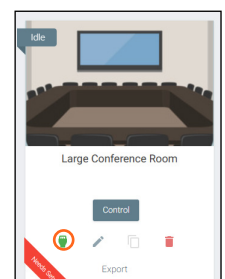
- **Room Info** - Provide extra information about the room.
3. Press the **SAVE CHANGES** button.

Room Modify extra options:



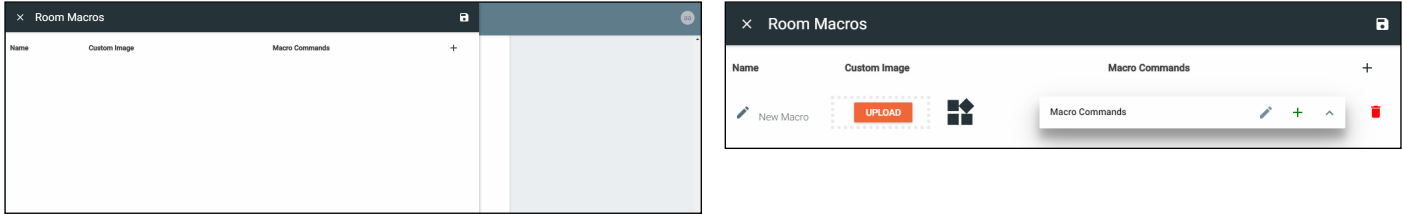
- **Master Audio Device** - Can be selected once A/V products have been added to the room.
- **Volume Ramp Interval (ms)** - Select between 50 and 500 ms for how quickly volume increases or decreases when using the volume buttons.
- **Center Source Icons** - Centers the source icons within the control screen.
- **Background Image** - Change the background image of the control screen. Default is grey gradient screen.
- **Control Screens** - Decide what is on the main control screen.
- **Room Group** - Assign a group name/number to the room for user permissions.
- **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.
- **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.
- **Macros** - Program a command or group of commands, that shows as a button within the page control screen.
- **Event Macros** - Program a command or group of commands, that will be triggered by a room event or at a set time.
- **Room Triggers** - Programs a command or group of commands that will occur on a trigger event e.g. contact closure sensor.

Once the room has been saved or added, a new screen will appear. If the new screen does not appear. Press the **Edit Technology** button.

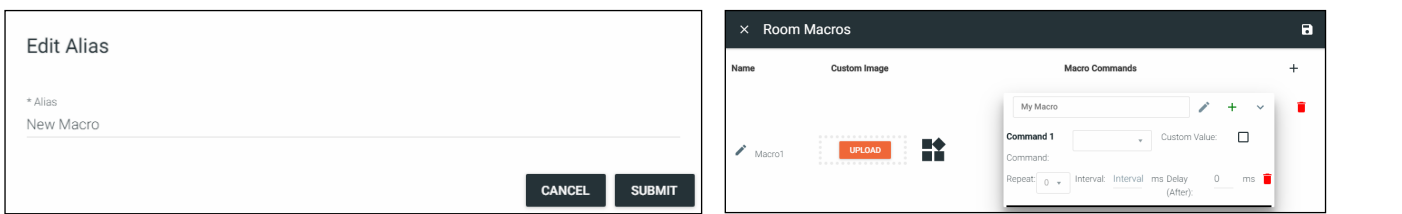


Macros

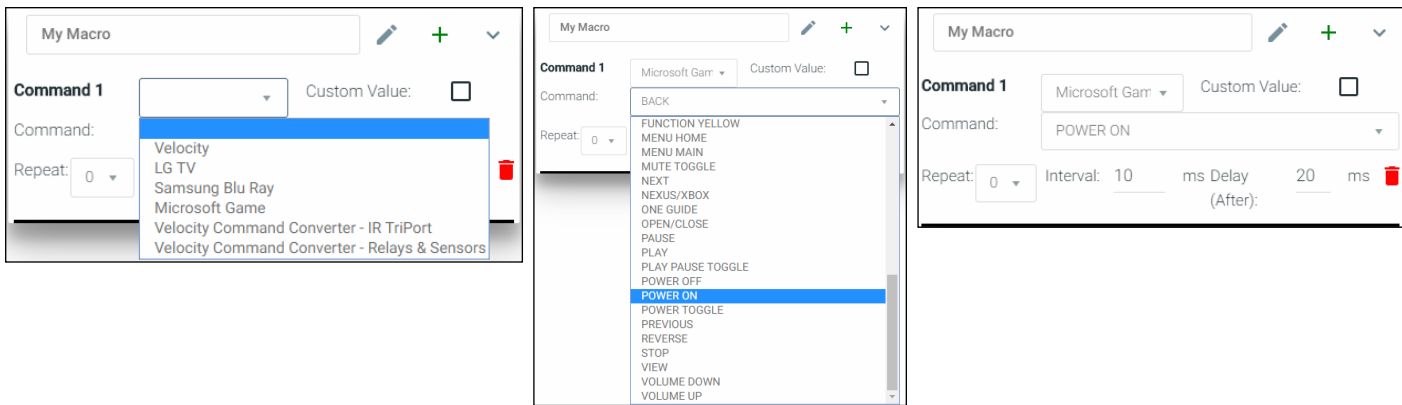
Once Macros has been selected within the Edit Room page, a new screen will become available.



1. Press the + (add macro) button from the top right corner. A new selection will appear in the screen.
2. Name the Macro by pressing the **edit** (pencil) button next to the words 'New Macro'. A pop up will appear.

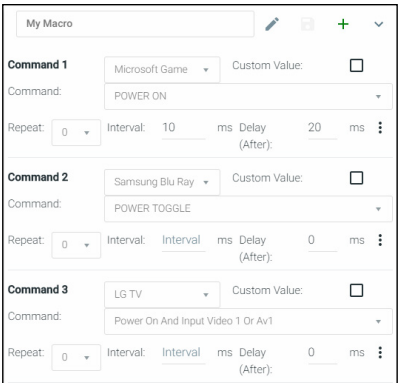


3. Once named, press the edit button on the Macro Commands field.



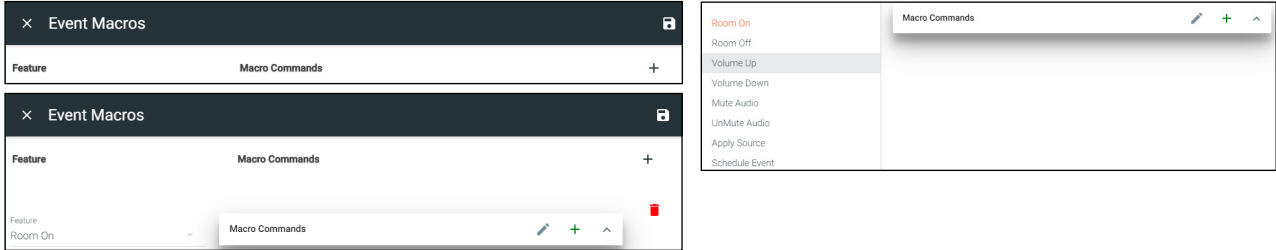
- **Command 1** - Select the device that will be controlled with the macro.
- **Command** - Select from the drop down list available for the device. Device commands are based off the device driver within Velocity.
- **Repeat** - Select how many times the command is sent out when the macro is selected 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.

NOTE: Multiple devices and commands may be set to each macro. e.g. Macro1 can be programmed to turn on all devices in the room if added under My Macro using the + button.

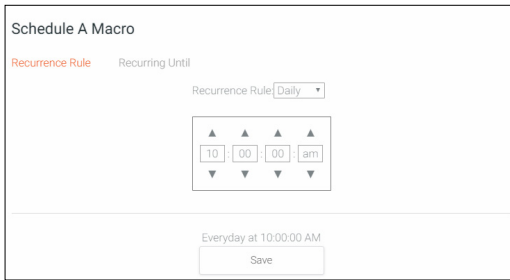


Event Macros

Once Event Macros has been selected within the Edit Room page, a new screen will become available.

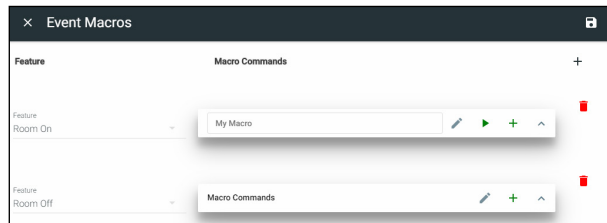
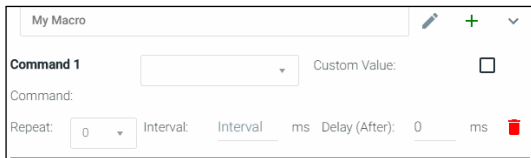


1. Press the + (add macro) button from the top right corner. A new selection will appear in the screen.
2. Select the **Feature** (event type e.g. Room On) drop down to select what event will trigger the macro.
 - **Scheduled Event** - A scheduled event allows the option to create an event that happens at a certain time that can be daily or weekly. Select Scheduled Event and a new pop up will appear.



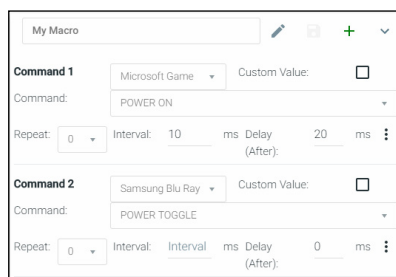
- **Recurrence Rule** - Select between Daily or Weekly.
- **Time** - Set the time of day this event happens.
- **Recurring Until** - Select this to set an end date on the calendar in which to end the scheduled event.

3. Once the feature has been selected, press the edit button on the Macro Commands field.



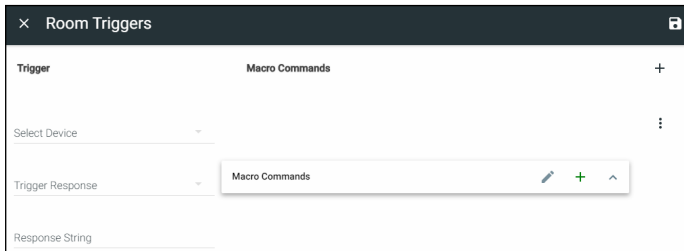
- **Command 1** - Select the device that will be controlled with the macro.
- **Command** - Select from the drop down list available for the device. Device commands are based off the device driver within Velocity.
- **Repeat** - Select how many times the command is sent out when the macro is selected 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.

NOTE: Multiple devices and commands may be set to each macro. e.g. Room On can be programmed to turn on all devices and send the play command to the Blu Ray player if added under My Macro using the + button.

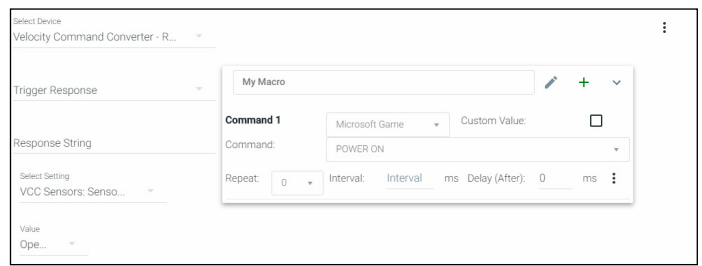
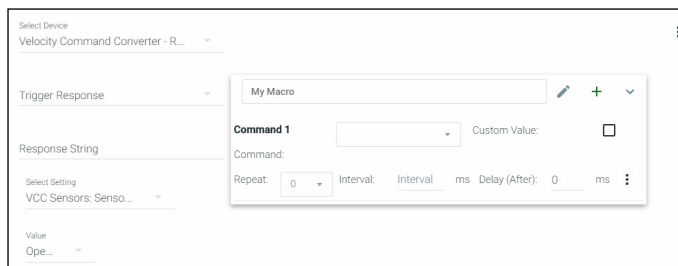


Room Triggers

Once Event Macros has been selected within the Edit Room page, a new screen will become available.

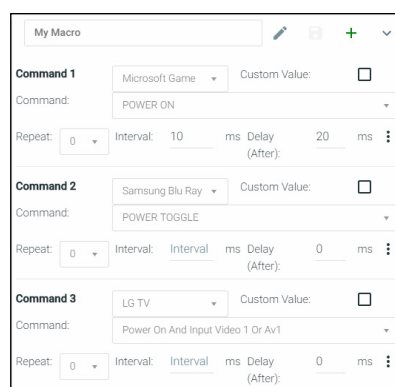


1. Press the + (add macro) button from the top right corner. A new selection will appear in the screen.
2. Select the Velocity Command Converter from the **Select Device** drop down menu. New options will appear.
 - **Trigger Response** - Future feature.
 - **Response String** - Future feature.
 - **Select Setting** - Select the sensor that will trigger the macro.
 - **Value** - Set the value of the sensor that triggers the command macros.



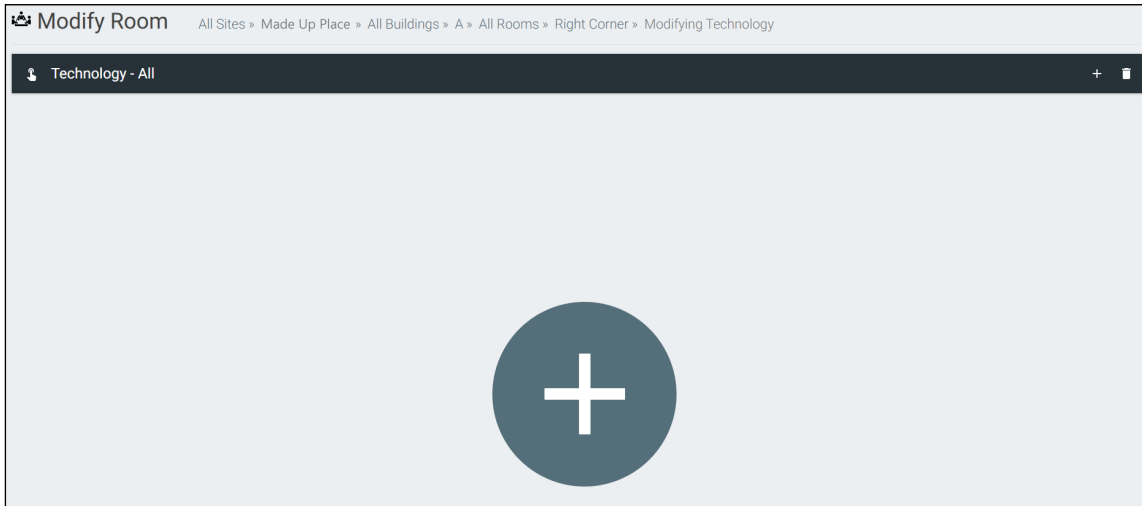
3. Once the VCC and VCC settings have been selected, press the edit button on the Macro Commands field.
 - **Command 1** - Select the device that will be controlled with the macro.
 - **Command** - Select from the drop down list available for the device. Device commands are based off the device driver within Velocity.
 - **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.

NOTE: Multiple devices and commands may be set to each macro. e.g. Room On can be programmed to turn on all devices and send the play command to the Blu Ray player if added under My Macro using the + button.

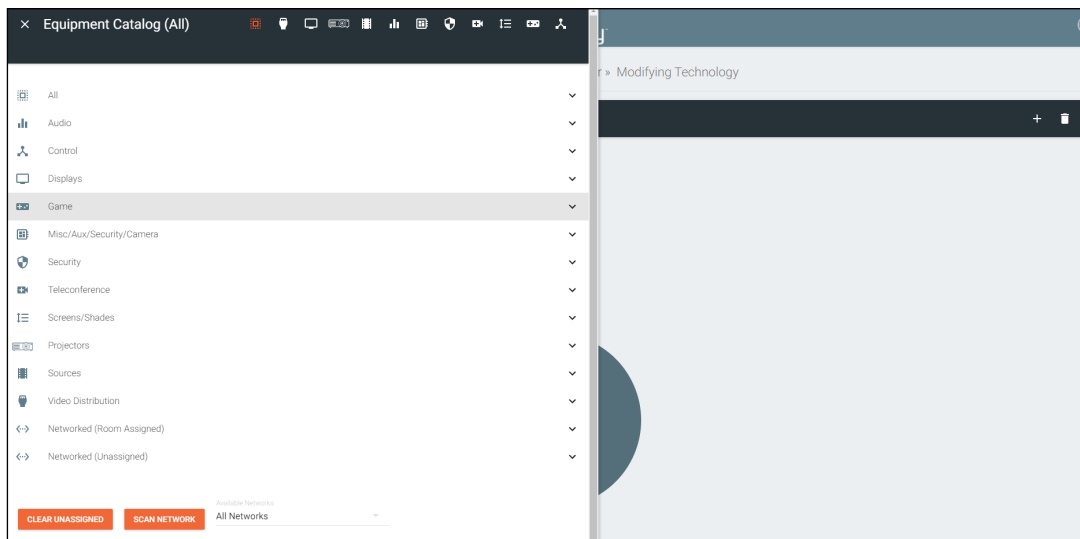


Adding Technology

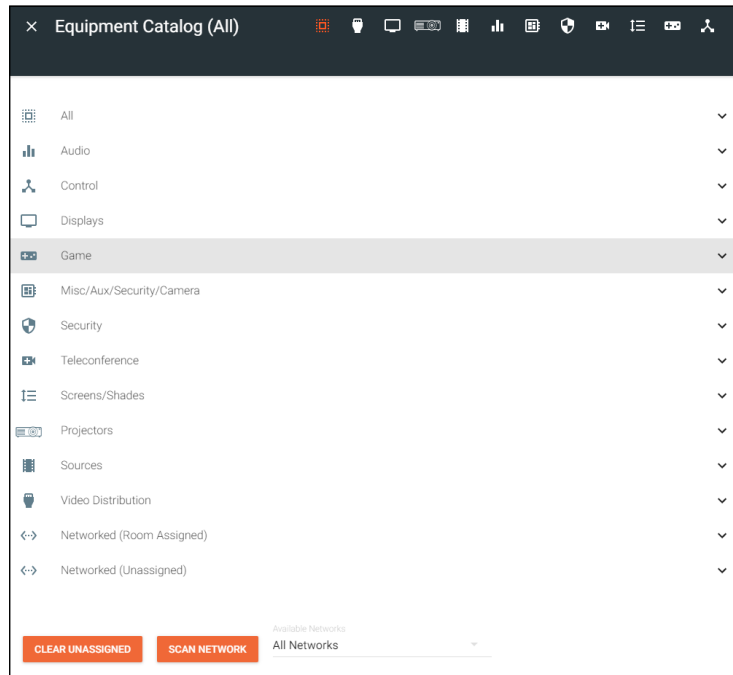
The room created will not be considered set up until at least 1 source and 1 display have been added and linked.



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.



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.

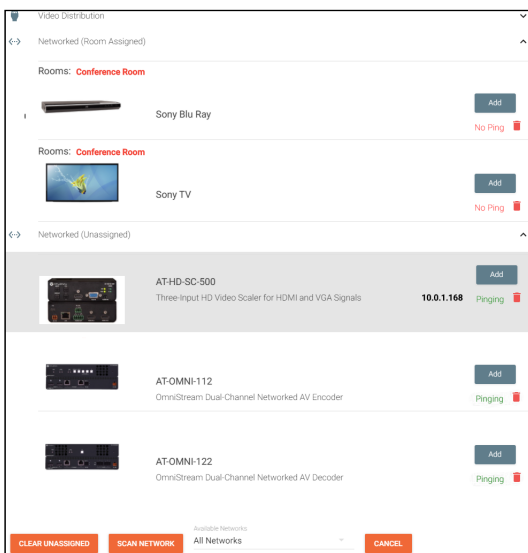


Velocity has a built in scan feature that makes adding Atlona products to a room quick and easy.



1. Press the **Scan Network** button.

NOTE: If there are any OmniStream devices on the network, they will auto populate into the Network (Unassigned) field, as they are found using mDNS discovery with no extra scanning needed.



All Atlona devices on the network will be placed into the Networked (Unassigned) menu selection.

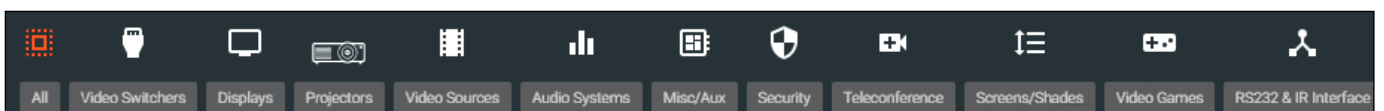
2. Press the **Add** button on all devices that belong to the current room. A device added message will appear on the bottom of the screen.



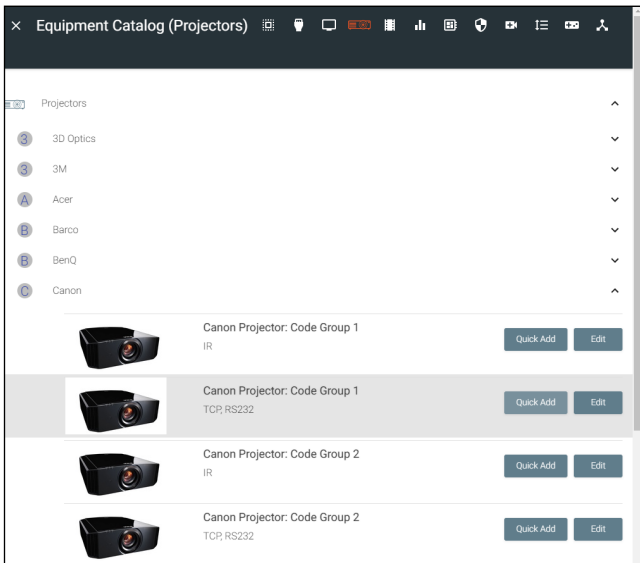
Once all Atlona devices are added to the room, the sources and displays will need to be added.

3. Select between the top navigation or sections in the default menu (menu will always start on **All**) to search for sources, displays, and other types of equipment that will be in the room.

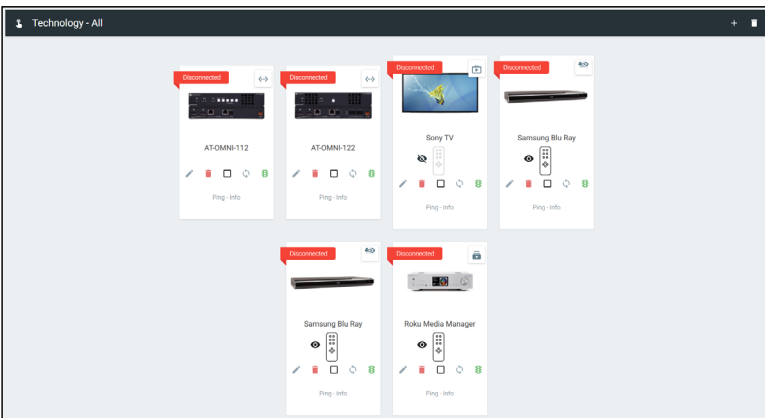
Each button along the top menu corresponds with the sections of the **All** menu.



4. Find the device you are looking for in the menu.



5. Select **Quick Add** on the device (recommended) to add the device to the room, or **Edit** to fill in all the device options.



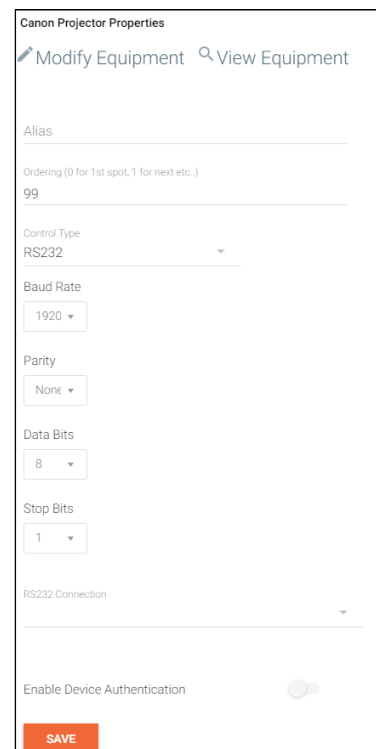
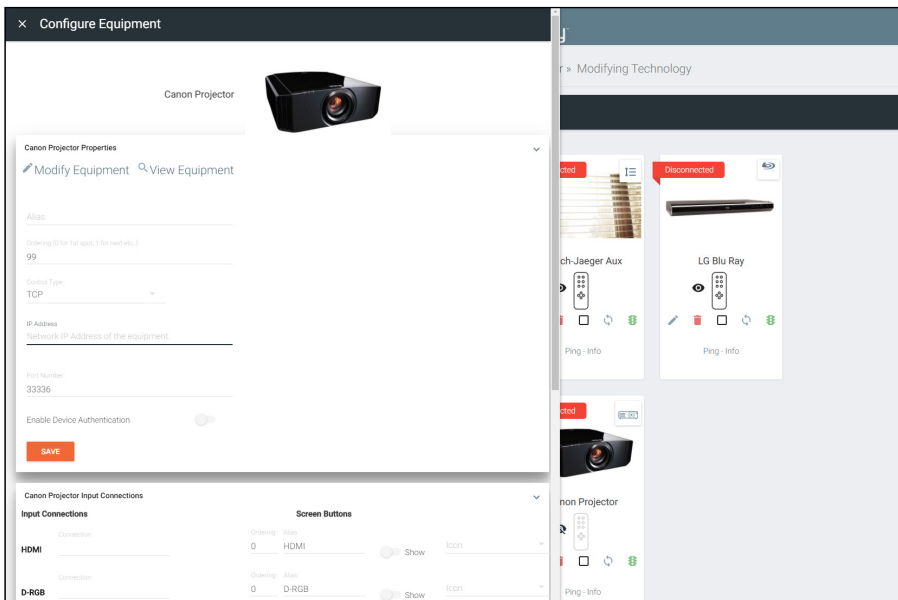
Once all devices have been added to the room, they can be linked to each other.

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

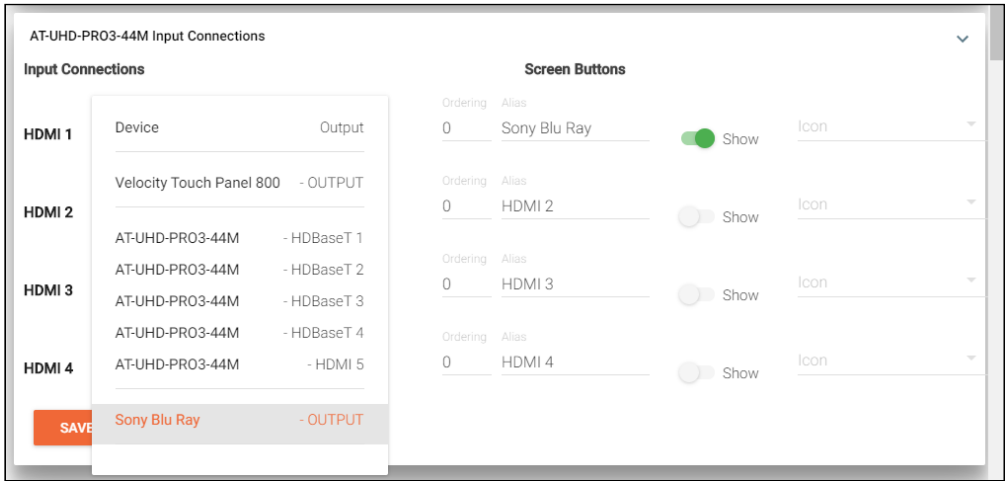
NOTE: It is recommended to edit switchers first, as adding inputs and outputs to a switcher will link them automatically for those devices.

7. 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.



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



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

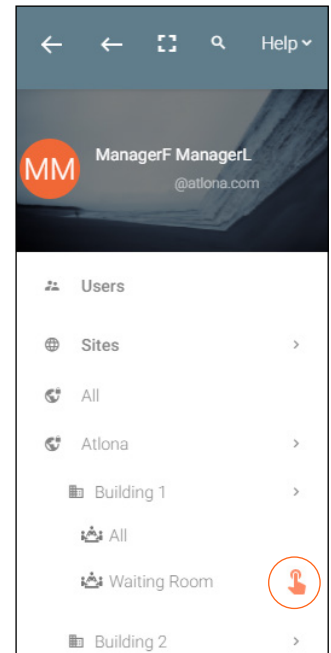
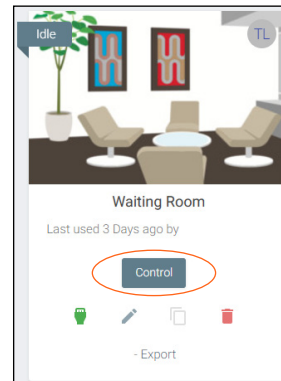
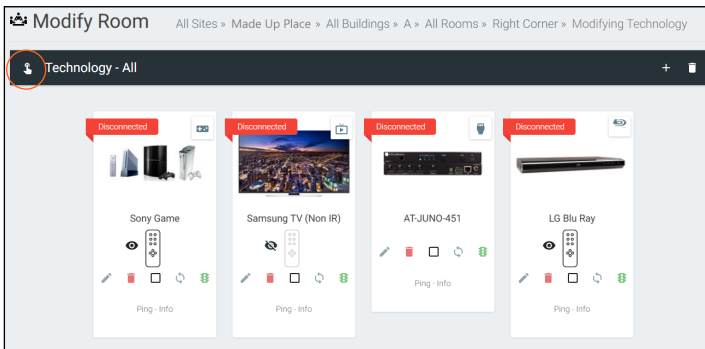
i NOTE: Atlona device settings must be changed through the device webGUI or AMS. See device user manual for instructions for login and device settings (such as network settings).



Control

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).

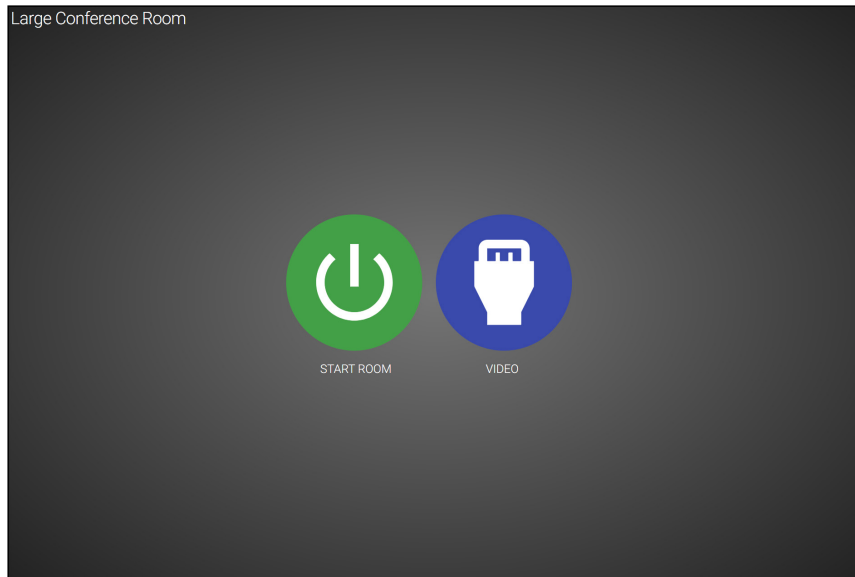
NOTE: Instructions on syncing the Velocity Touch Pads can be found within the unit's Installation Guide.

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  button on the top left bar.
2. Within the room list page, press the **Control** button located in the room box.
3. From the home page, select the = button. Once open, press Sites, site name, building name, and then select the  button next to the room name to open the control page.

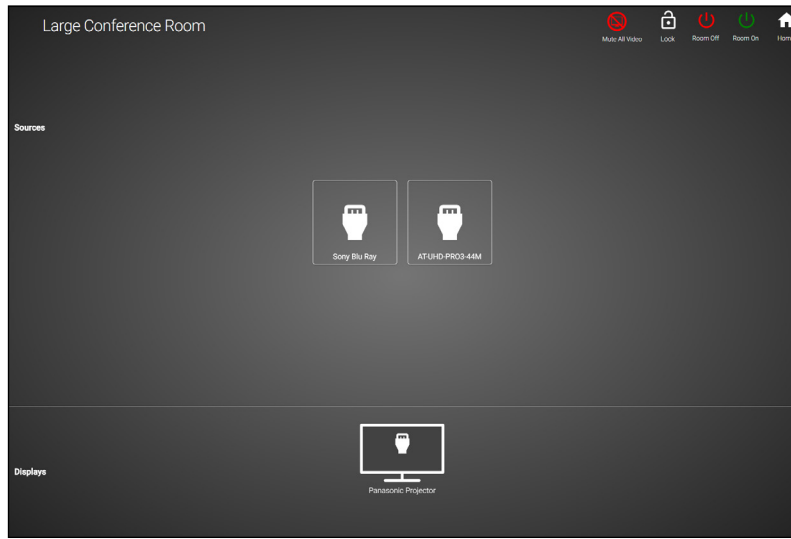
A new window will open.



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

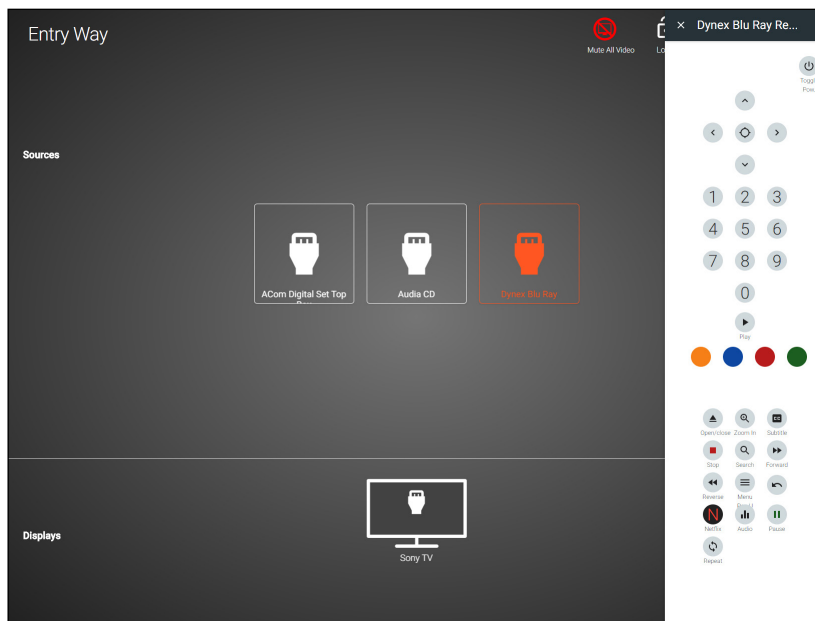
1. Press the **START ROOM** button to send on commands to all the devices in the room (excluding any that were excluded during room set up) or press the **VIDEO** button to open the room and control all the devices manually.

A new window will open.



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

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

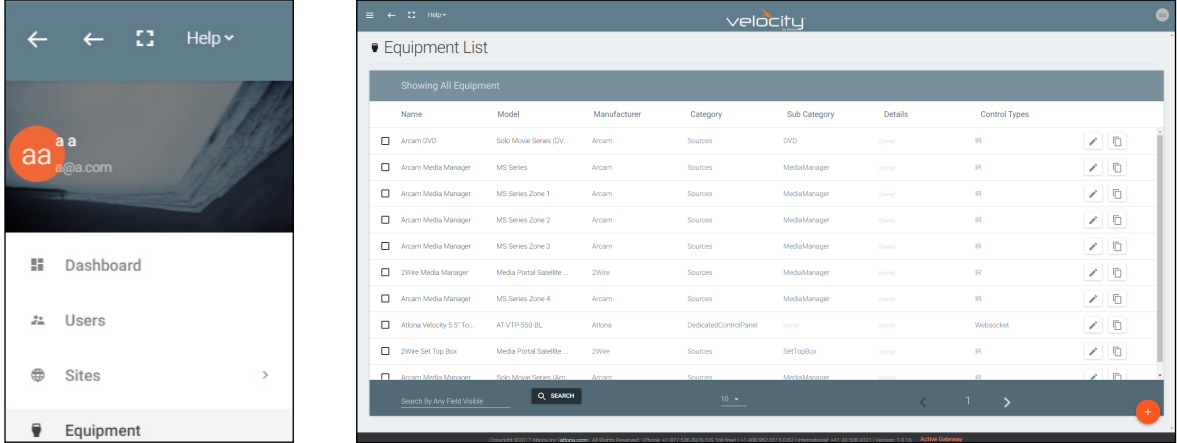


Within this screen, all devices can be controlled and routed.

Equipment

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

1. Press the = button on the top right of the screen.

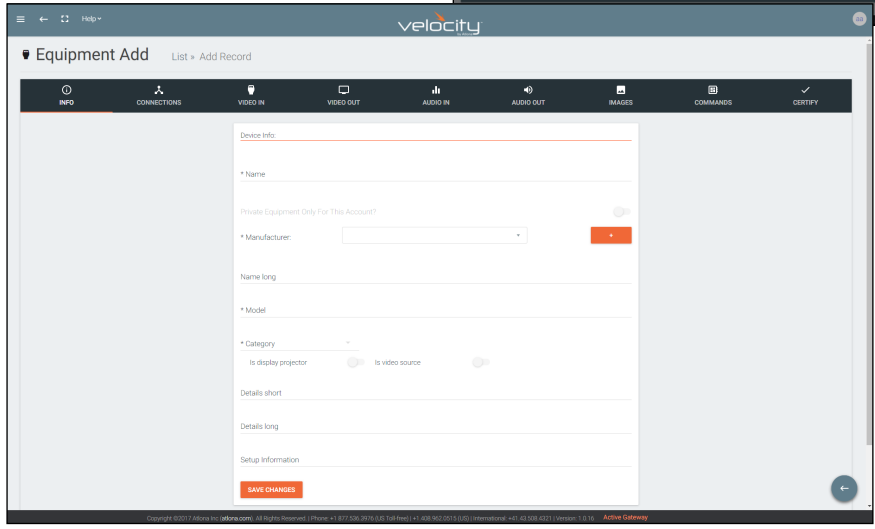
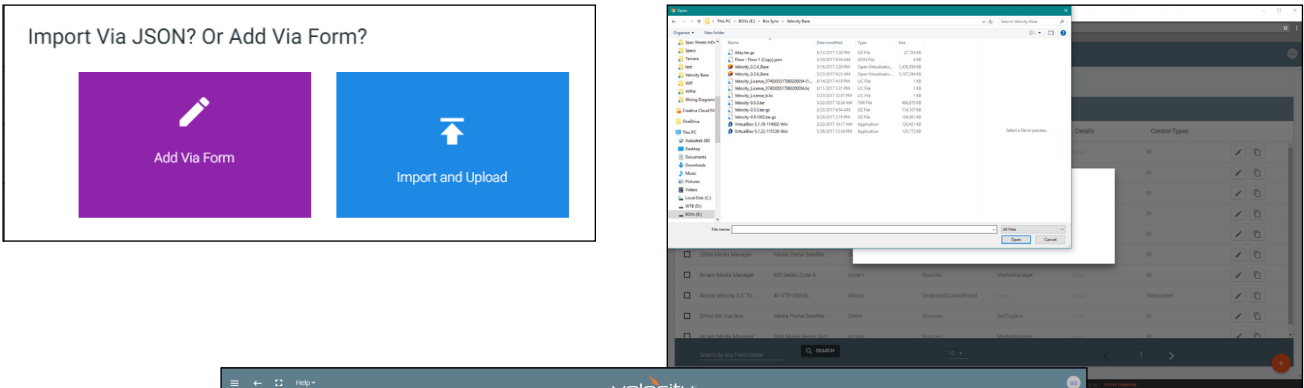


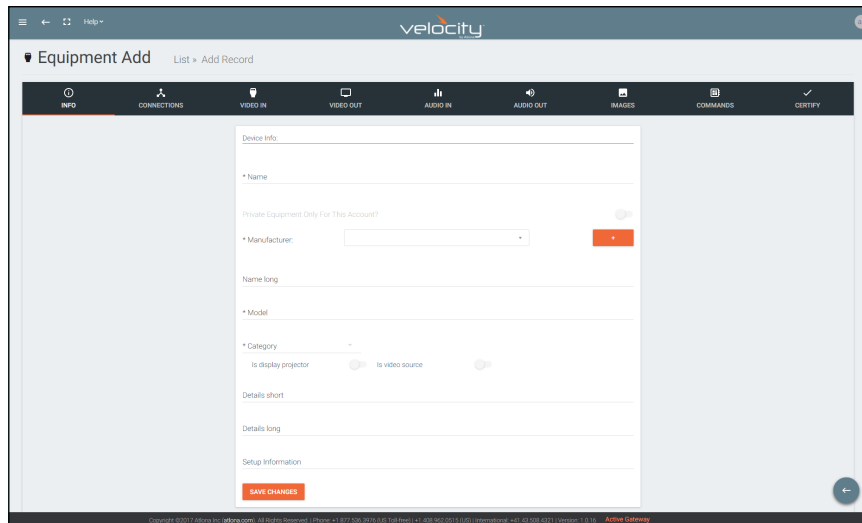
2. Select **Equipment** from the options that becomes available. A new window will appear.

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.





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

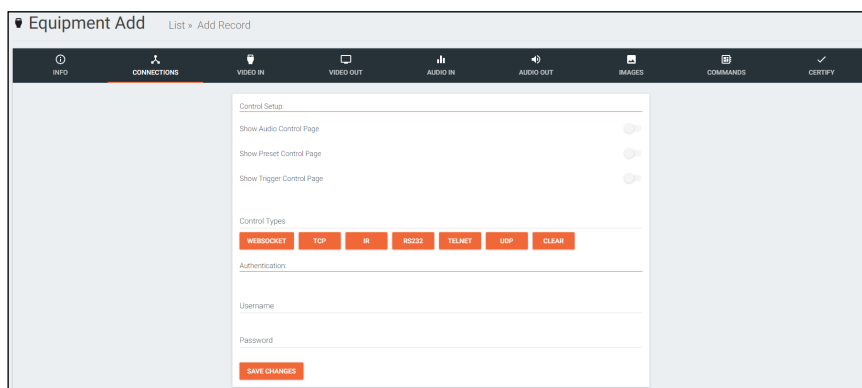
Is display / projector - Select this slider if the device is a display or projector

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).



b. CONNECTIONS Tab

Show Audio Control Page - Select the slider to show audio control options within the room control.

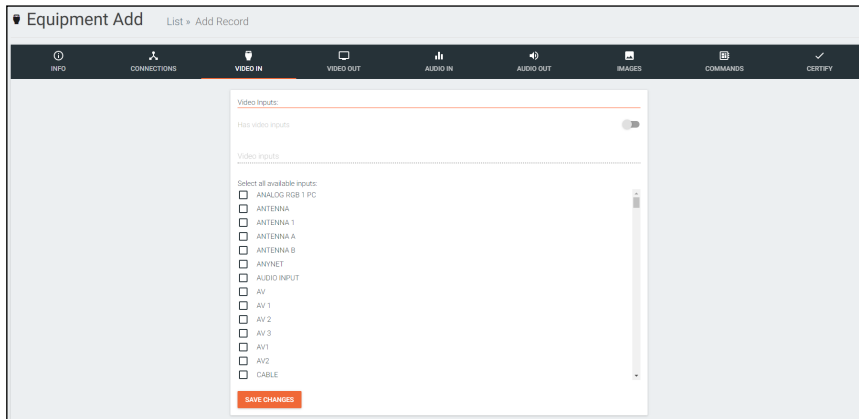
Show Preset Control Page - Select the slider to show preset control options within the room control.

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.

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

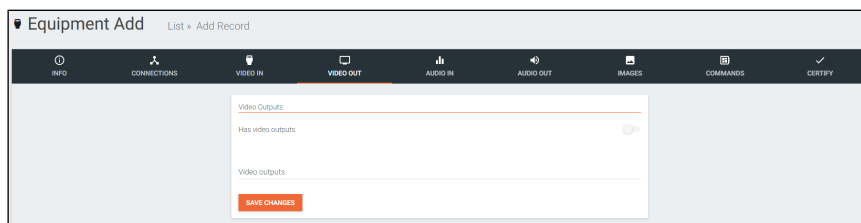
Authentication - Provide the username and password for the control options.



c. VIDEO IN Tab

Video inputs - This slider auto adjusts when inputs are selected.

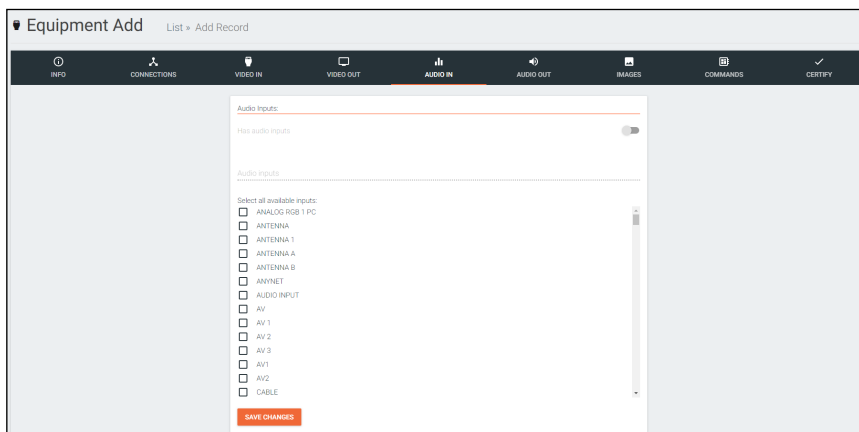
Select all available inputs - Select the checkbox of all input types that the device has.



d. VIDEO OUT Tab

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

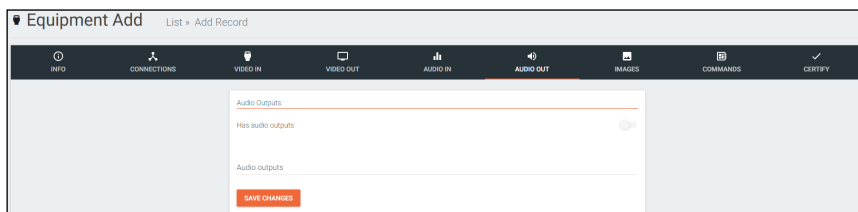
Video outputs - Type in all types of output ports the device has, separate each type with a comma e.g. HDMI, HDBaseT, DisplayPort



e. AUDIO IN Tab

Has audio inputs - This slider auto adjusts when inputs are selected.

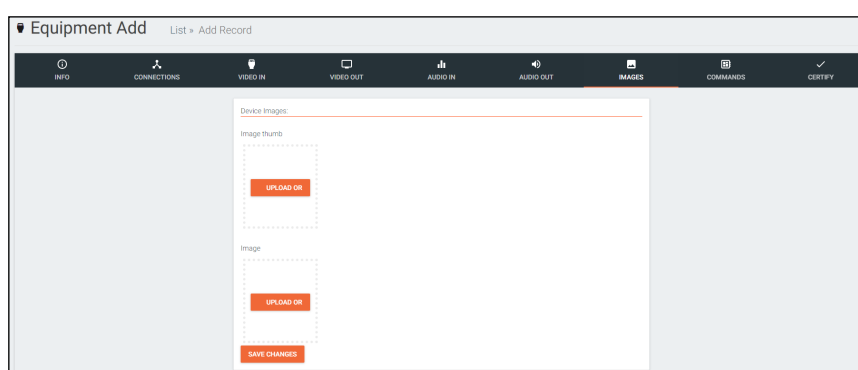
Select all available inputs - Select the checkbox of all input types that the device has.



f. AUDIO OUT Tab

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

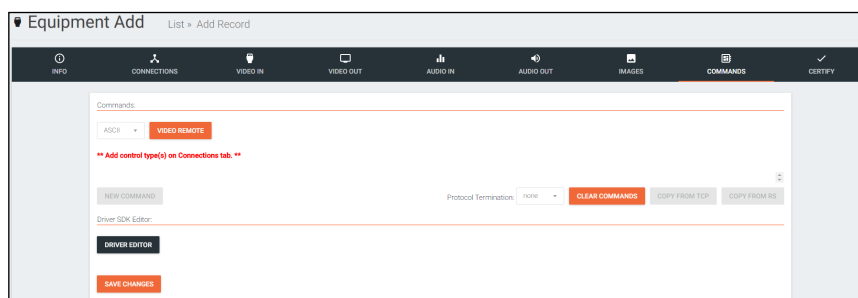
Audio outputs - Type in all types of output ports the device has, separate each type with a comma
e.g. L / R, S/PDIF, MIC / LINE OUT



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.



h. COMMANDS Tab

NOTE: Commands cannot be added unless control types have been selected on the **Connections** tab.

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.

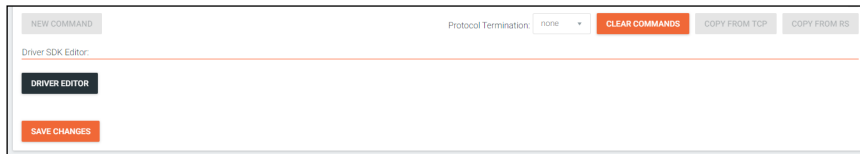
Parameters - Opens a pop-up window that displays the current parameters of the command.

Delete - Removes a command that is not needed.

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

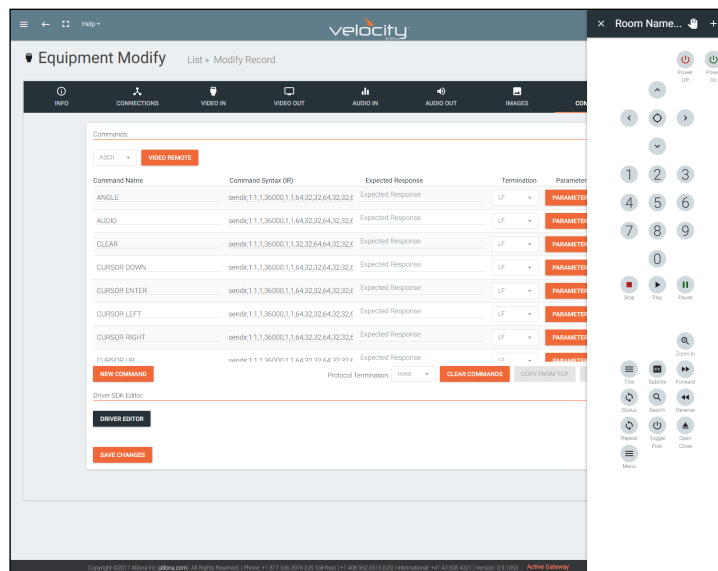
New command - Pressing this button will create a new command line to be filled in.

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.
- Copy from TCP** - 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.

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

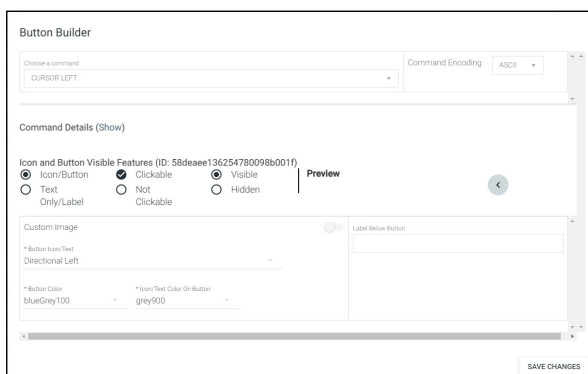


1. Remote Control

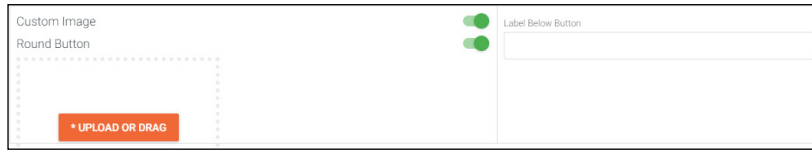
The command remote control provides an interface for the room control page. Each button represents a command and can be altered or moved.

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

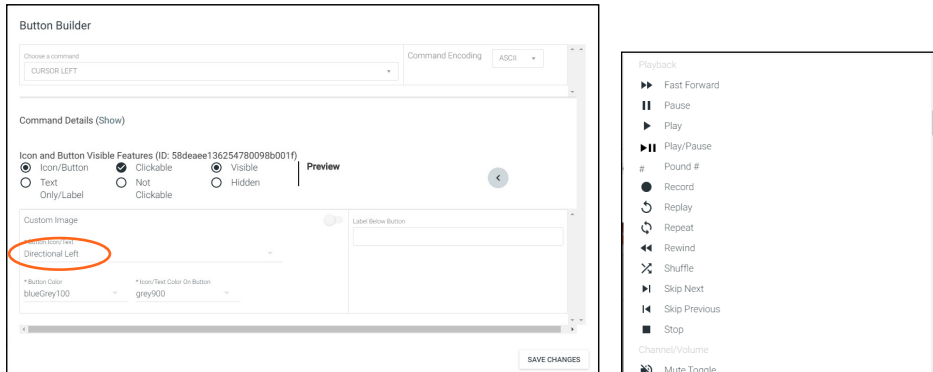
NOTE: The button builder will auto select the command of the chosen button, but any command can be selected from the drop down menu.



- Select the display options for the button. A preview will appear to the right of the button builder.

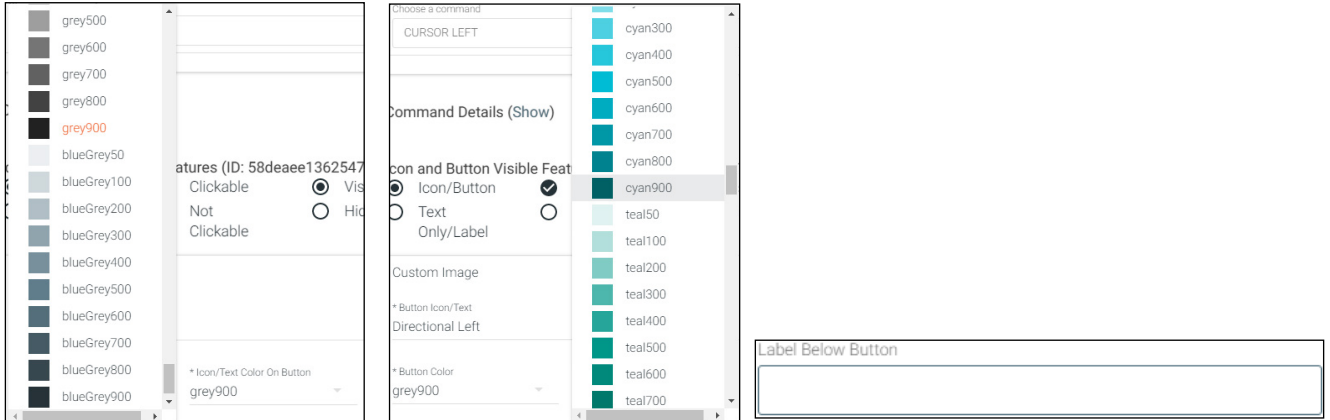


c. Select the custom image slider to import a custom button background. Drag and drop the image into the upload or drag box or press the upload or drag button to browse the local computer for the custom button background.

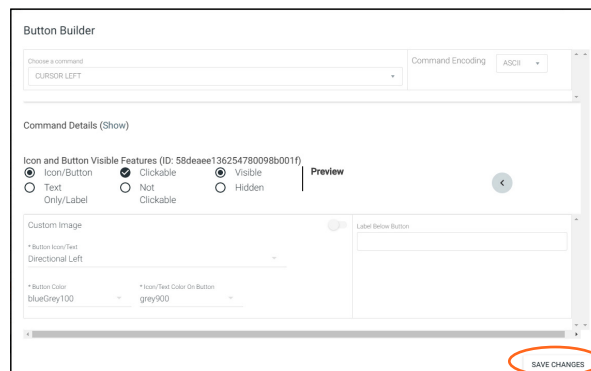


d. Select from the button icon text drop down menu. The menu will have generic text and icons to choose from. Select other to provide custom text for the button.

e. Select the colors of the button and text.



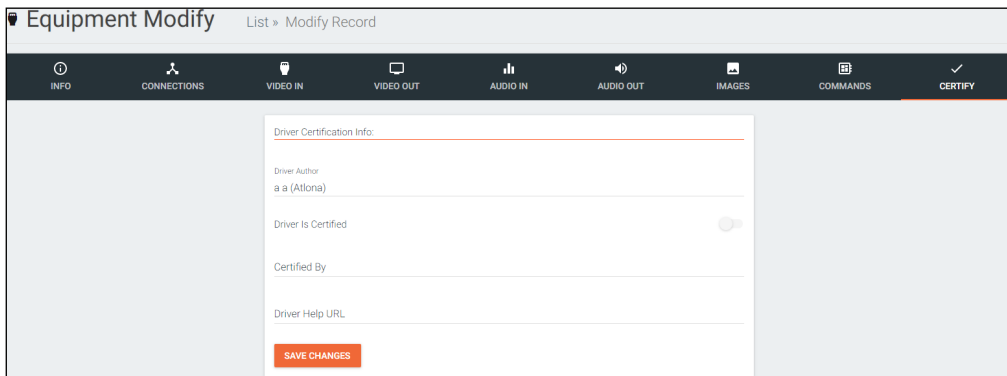
f. If wanted, type text into the Label Below Button field.



g. Once all changes are made, press the save changes button. The button builder will close and the move buttons editor will open.



h. Drag and drop icons where wanted. Once complete, press the done (x at the top right of the remote) button.



i. 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

Equipment List

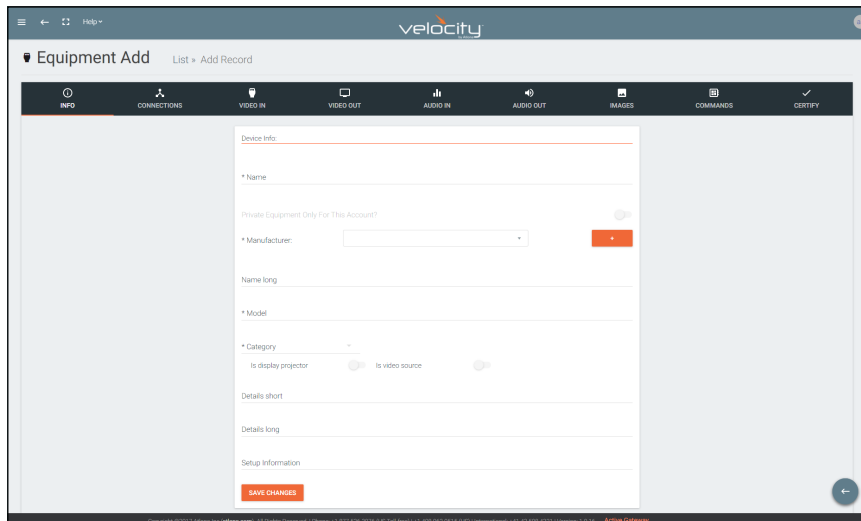
Showing All Equipment

Name	Model	Manufacturer	Category	Sub Category	Details	Control Types
<input type="checkbox"/> Arcam DVD (Copy)	Solo Movie Series ...	Arcam	Sources	DVD	(none)	IR   
<input type="checkbox"/> Arcam DVD	Solo Movie Series ...	Arcam	Sources	DVD	(none)	IR  

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.



Delete

Equipment List

Showing All Equipment

Name	Model	Manufacturer	Category	Sub Category	Details	Control Types
<input type="checkbox"/> Arcam DVD (Copy)	Solo Movie Series ...	Arcam	Sources	DVD	(none)	IR   
<input type="checkbox"/> Arcam DVD	Solo Movie Series ...	Arcam	Sources	DVD	(none)	IR  

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

1. Find the device and press the red trash can next to the device.
2. Press the SUBMIT button to confirm the deletion.

Confirm

Are you sure you wish to delete this equipment?

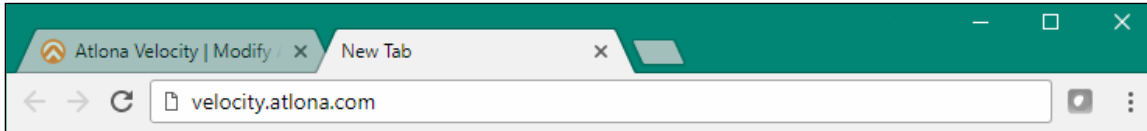
CANCEL SUBMIT

Cloud

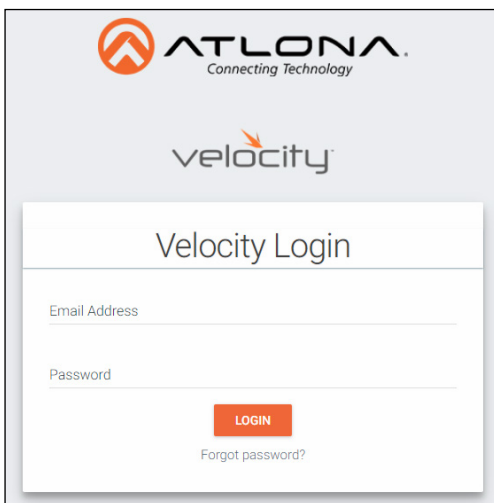
Getting Started

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.

1. Open any browser with network access and type in velocity.atlona.com (as seen below).



2. Enter the provided username and password.



3. A password change prompt will log in upon logging in. Update the 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.

You must now update your password

* Password
 * Confirmation Password

Password criteria:
 8 Characters
 1 Integer
 1 Lowercase
 1 Uppercase
 1 Special Character
 Passwords do not match.

SUBMIT

You must now update your password

* Password
 * Confirmation Password

Password criteria:
 8 Characters
 1 Integer
 1 Lowercase
 1 Uppercase
 1 Special Character
 Passwords do not match.

SUBMIT

You must now update your password

* Password
 * Confirmation Password

Password criteria:
 8 Characters
 1 Integer
 1 Lowercase
 1 Uppercase
 1 Special Character
 Passwords do not match.

SUBMIT

You must now update your password

* Password
 * Confirmation Password

Password criteria:
 8 Characters
 1 Integer
 1 Lowercase
 1 Uppercase
 1 Special Character
 Passwords Match!

SUBMIT

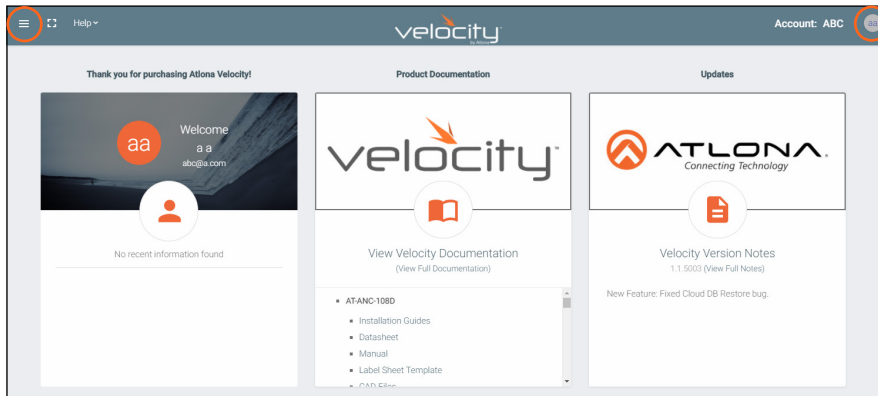
4. Press **SUBMIT** once the new password is filled in.

Once logged in, customers and users can added, or gateways linked.

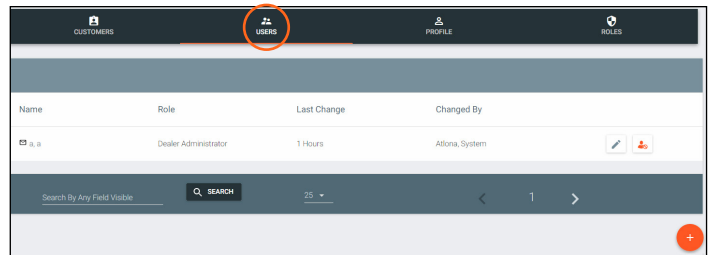
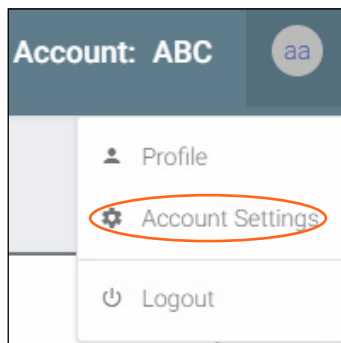
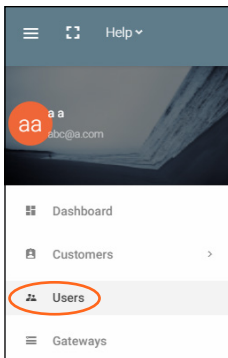
NOTE: Any amount of gateways may be linked to Velocity Cloud, but a license must be purchased for each individual gateway to be controlled remotely.

Users

Users can be added and edited from either the top left menu or top right menu of the home page.

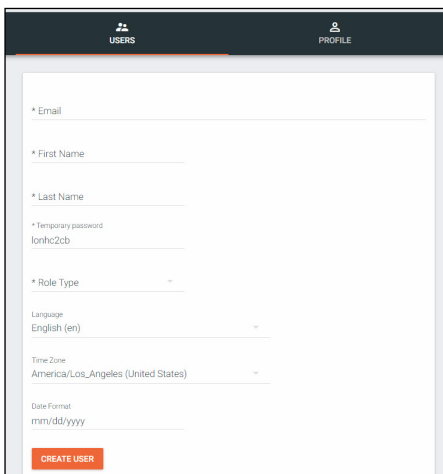


1. Select Users from the top left = navigation or Account Settings from the top right navigation.
 - b. If Account Settings is selected, click on the Users tab in the header bar.



Add

1. Select the + button to add a new user. A new page will open.
2. Fill in all the user information fields.

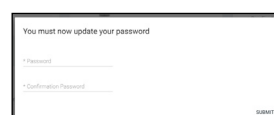


- **Email** - Used for log in purposes and email password resets.
- **First & Last Name** - Velocity will provide a customized home page for a user using their credentials.
- **Temporary Password** - Use either the auto generated password or create a new one for the user to change upon first log in.
- **Role Type** - There are 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 <?>](#).
- **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.



Edit

1. Select the **pencil** button to edit a user. A new page will open.

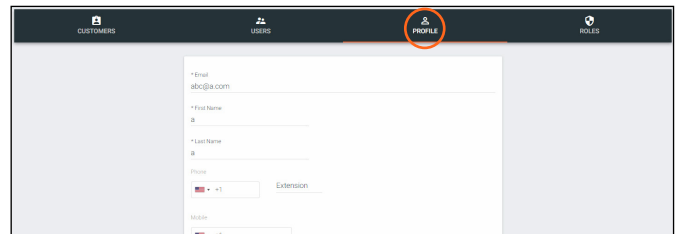
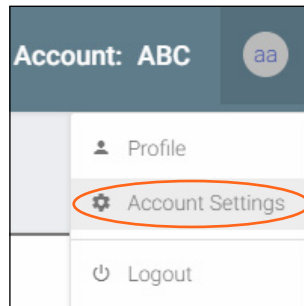
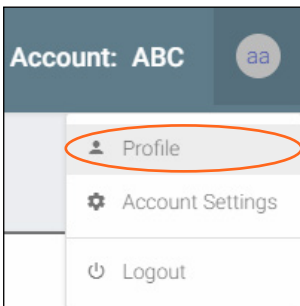
Additional fields appear when editing users.

Phone and mobile numbers, job title, office name, department, user bio, and Skype ID are optional fields that help provide multiple points of contact.

- **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.
- **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.

Profile

1. Select **Profile** from the top right navigation of the home page, or the header bar of the Account Settings page.

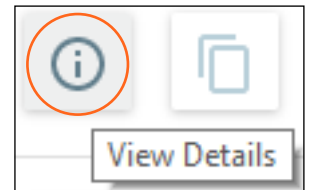
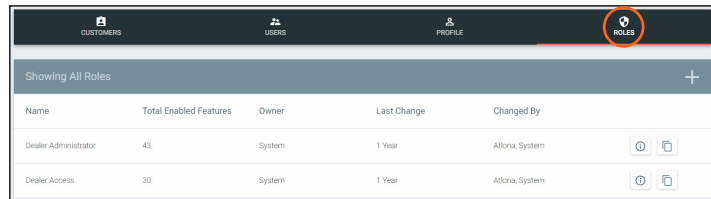
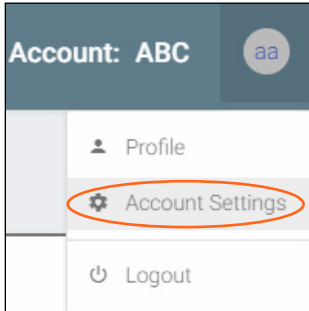


2. Fill in the user information that was not created when initially adding a user, such as: Job Title, Office Name, Department, User Bio, and Skype ID. These options are available when editing a user.

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.



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
Dealer Admin	X	X	X	X	X	X
Dealer Access	X	X	X		X	X

User Related

User Level	Add	View	Modify	Change	Revoke
Dealer Admin	X	X	X	X	X
Dealer Access					

Role Related

User Level	View	Add	Modify	Delete	Copy
Dealer Admin	X	X	X	X	X
Dealer Access					

Control Related

User Level	Access	View Logs
Dealer Admin		X
Dealer Access		X

Equipment Related

User Level	View	Add	Modify	Delete	Export	Copy
Dealer Admin	X	X	X	X	X	X
Dealer Access	X	X	X	X	X	X

Reference Image Related

User Level	View	Add	Modify	Delete	Export	Copy
Dealer Admin	X	X	X	X	X	X
Dealer Access	X	X	X	X	X	X

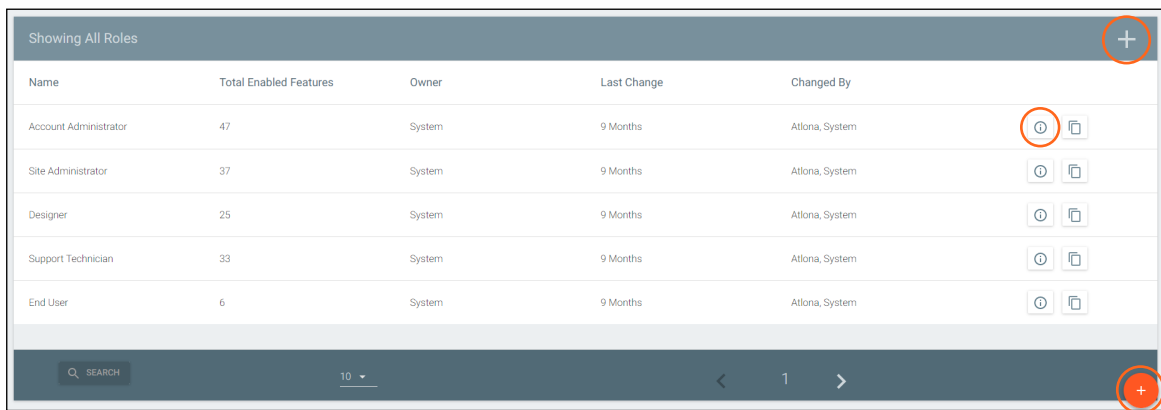
Cloud Feature Related (Backups)

User Level	Download	Upload
Account Admin	X	X
Site Admin		

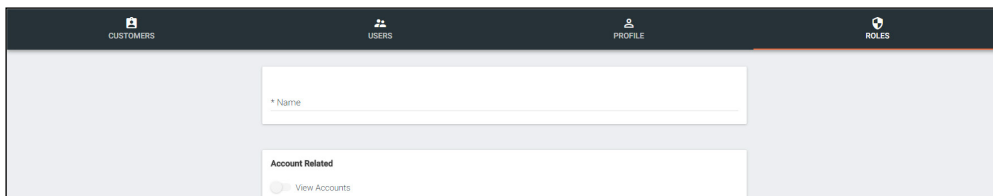
Add

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.



2. Name the role, to make easy to identify later.



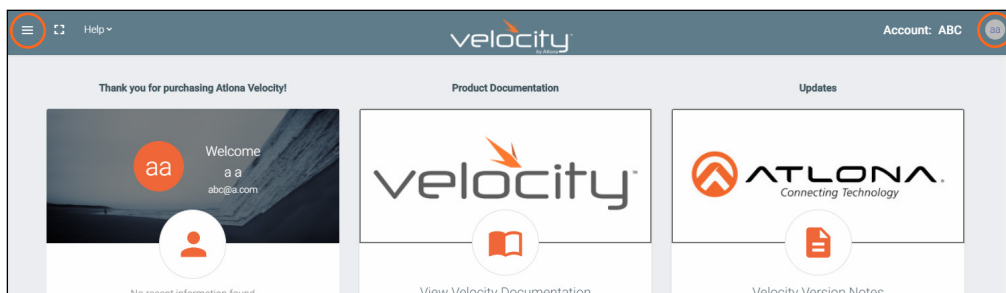
3. Press the slider for each permission to grant the current role. 

4. Press the **Create Role** button to save all the settings. 

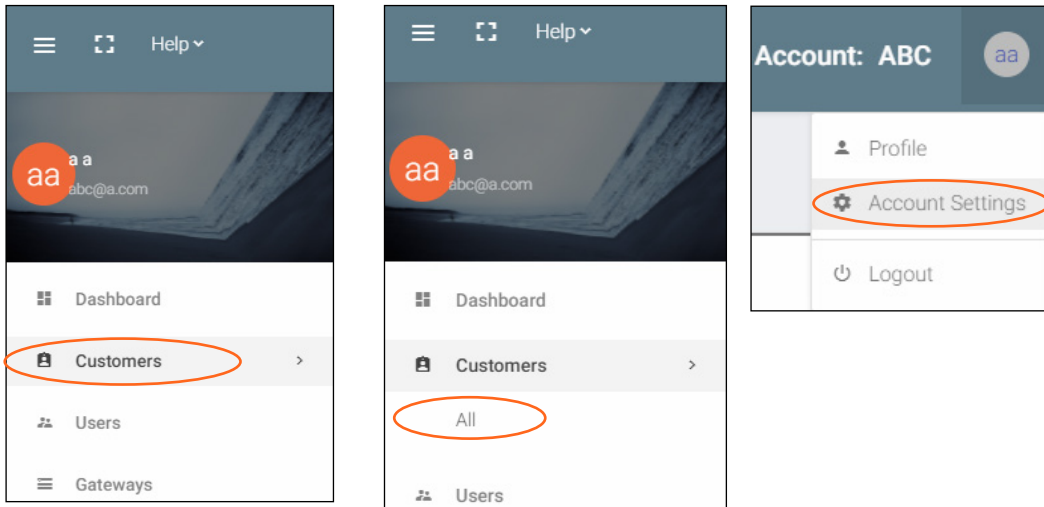
Customers

Set up customer access, sites, and gateways starting from within the Customers page.

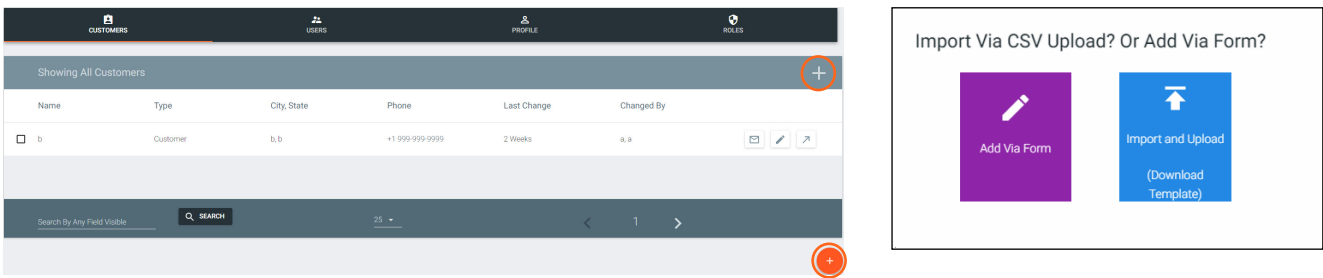
Add



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.

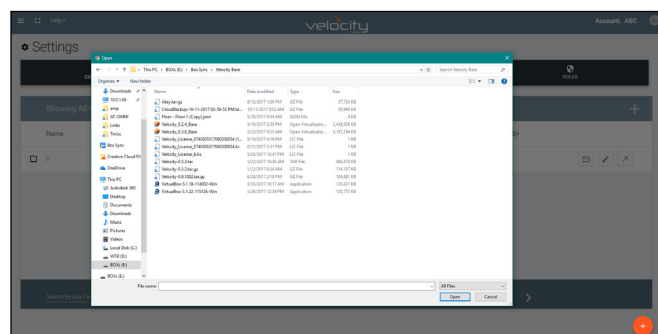
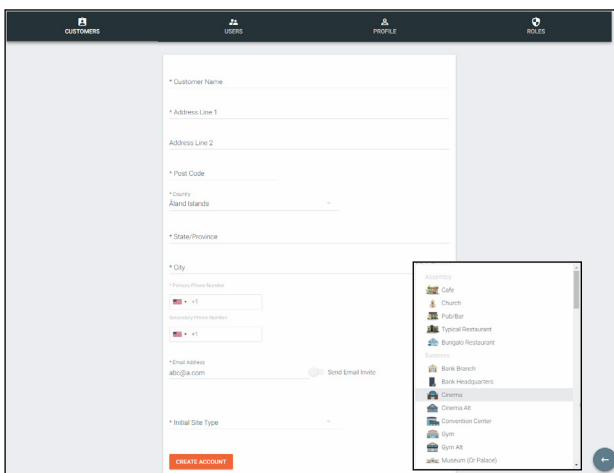


3. Select between Add Via Form or Import and Upload (for adding multiple customers at once).

a. If Add Via Form is selected, a new page will open.

1. Fill in the customer information:

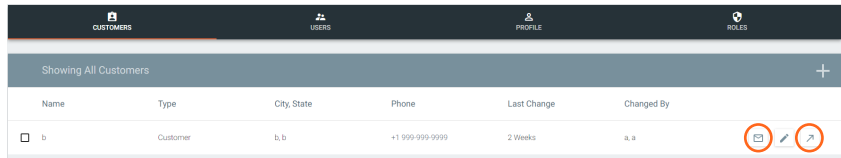
- **Customer Name** - This should be filled in with the Company or Site name.
- **Address, Post Code, Country, State/Province, City** - Fill in the address that the site is located at.
- **Phone Number** - Provide the number of the contact for the customer. The secondary contact number is optional.
- **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.



- 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.



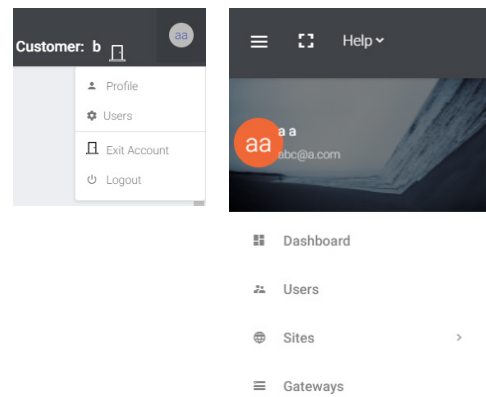
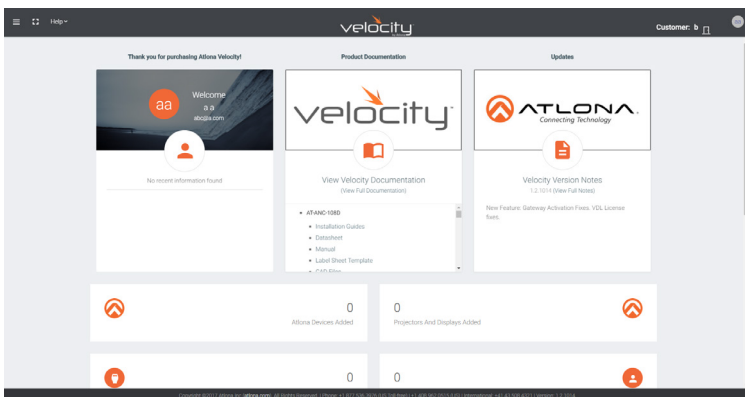
1. Select the Invite (letter button) or Access Account (arrow) buttons.
 - a. If Invite is selected, a pop up will appear. Fill in the user's email and role (these roles match the gateway's roles: Account Administrator, Site Administrator, Designer, Support Technician, and End User).

Account Invitation

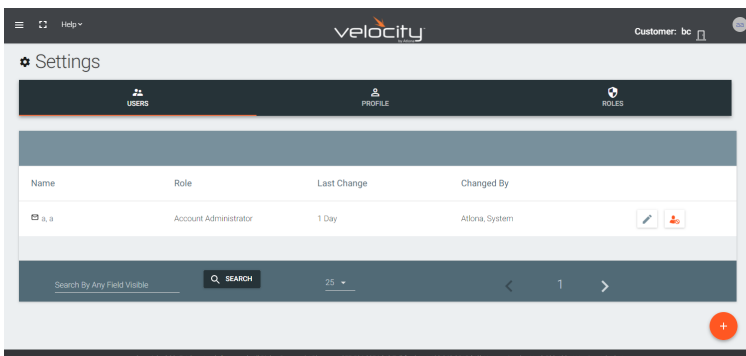
* Email

* Role Type

CANCEL INVITE



- 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).



* Email

* First Name

* Last Name

* Temporary password

* Role Type

Language

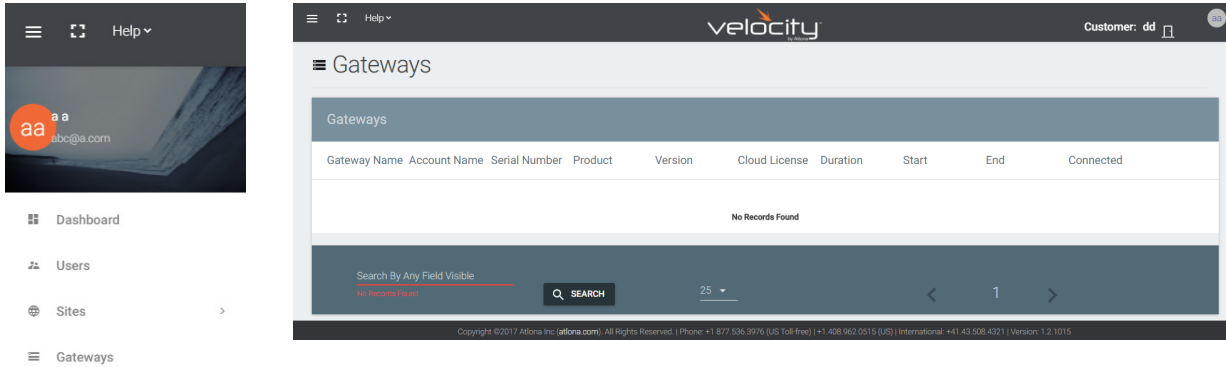
Time Zone

Date Format

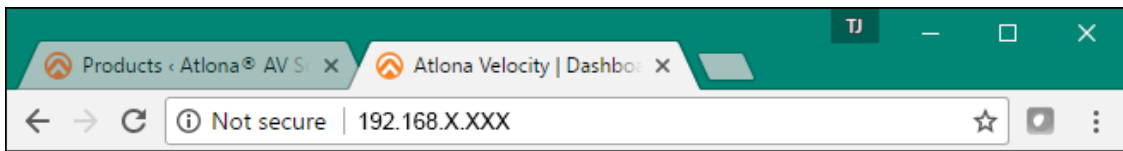
CREATE USER

Gateway

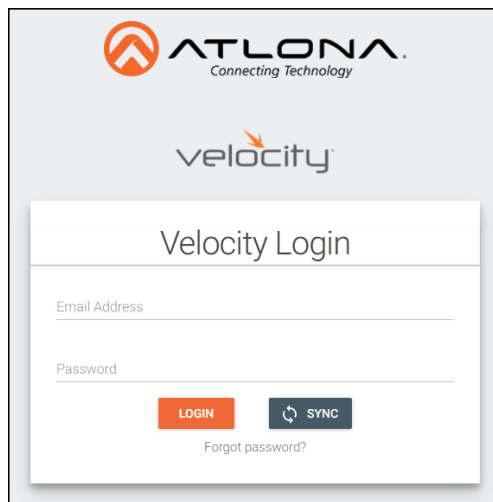
Once a customer account has been created, any gateways can be linked to them. To get to the gateway page, select Gateway from the top left = navigation.



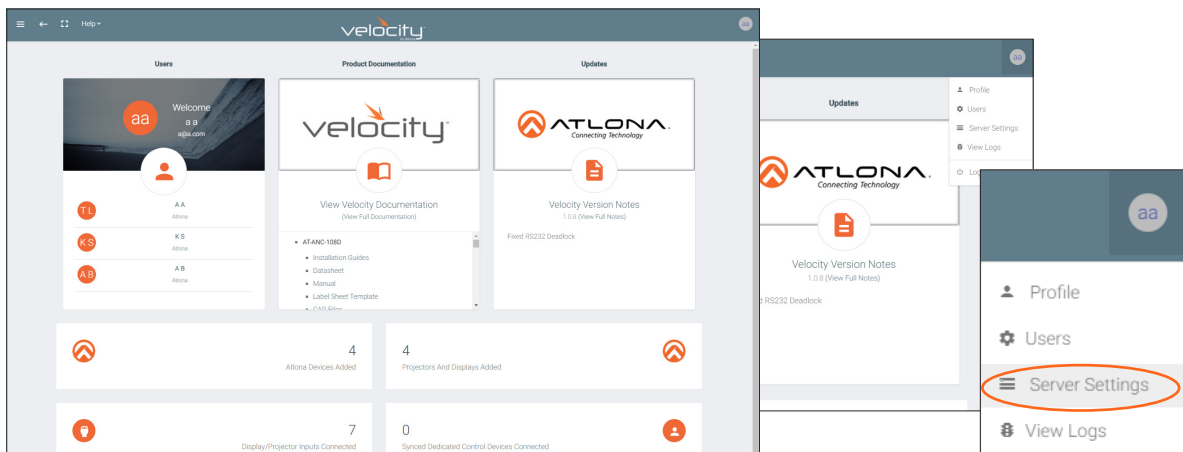
1. Linking the gateway must start within the gateway. Login to the Velocity gateway on the local network.



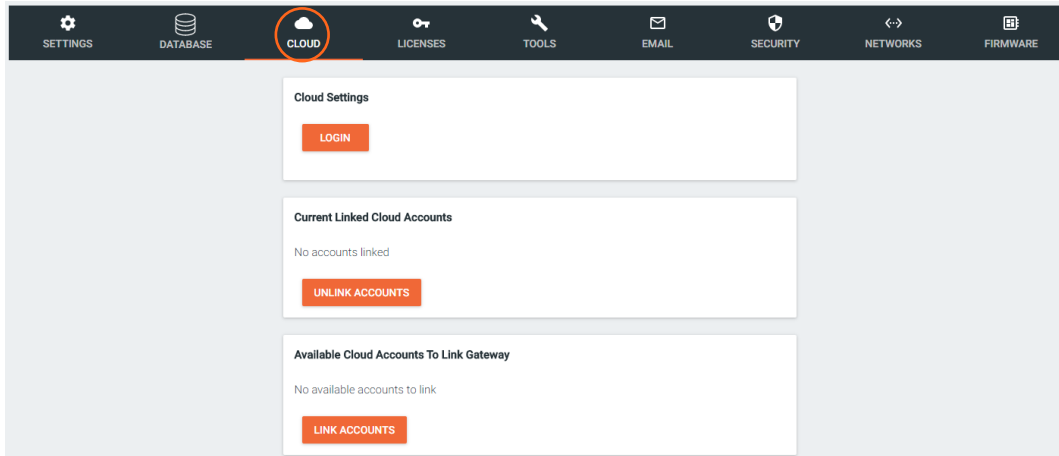
2. Enter the login information on the Velocity web page, then click the **Login** button.



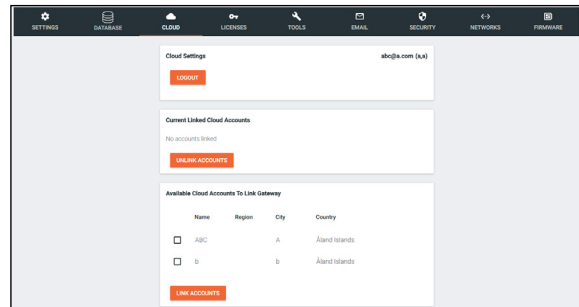
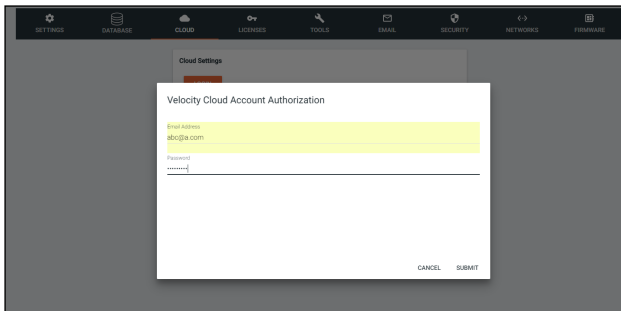
3. Select **Server Settings** from the drop down menu. A new page will open.



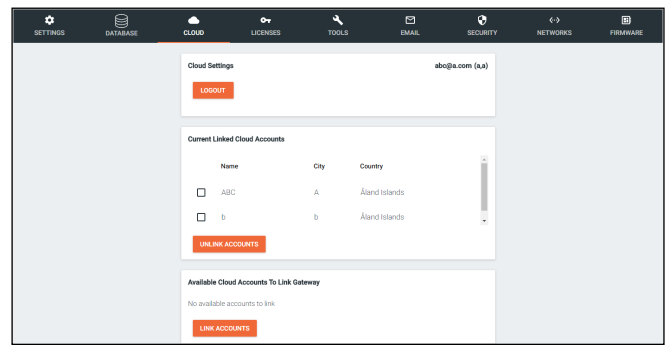
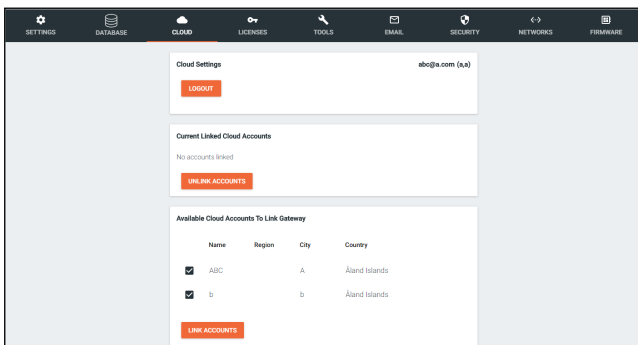
4. Select **Cloud** from the top navigation within the server settings page.



5. Select the **Login** button. A new pop up will appear.



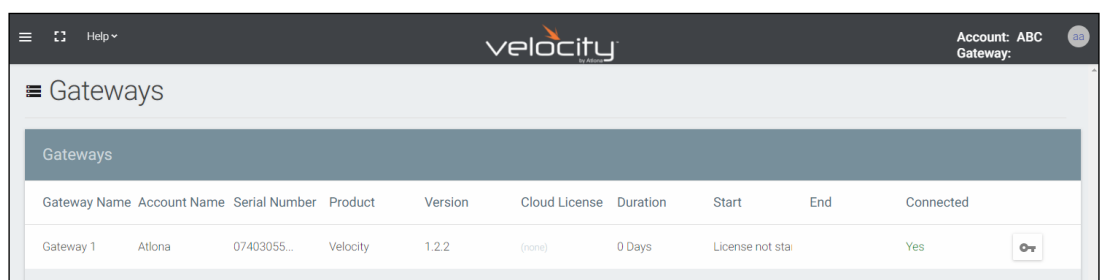
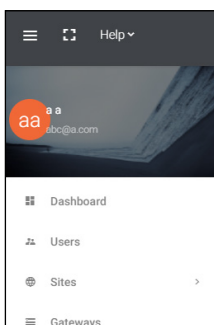
6. Fill in the cloud username and password. The accounts linked to that account will appear under the available cloud accounts.



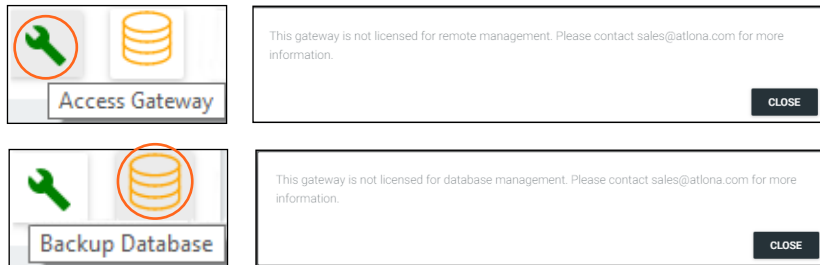
7. Select the corresponding cloud account under Available Cloud Accounts To Link Gateway.

8. Press the **Link Account** button. The gateway will appear in the Velocity Cloud account.

9. Select Gateway from the top left = navigation menu. A new page will open.

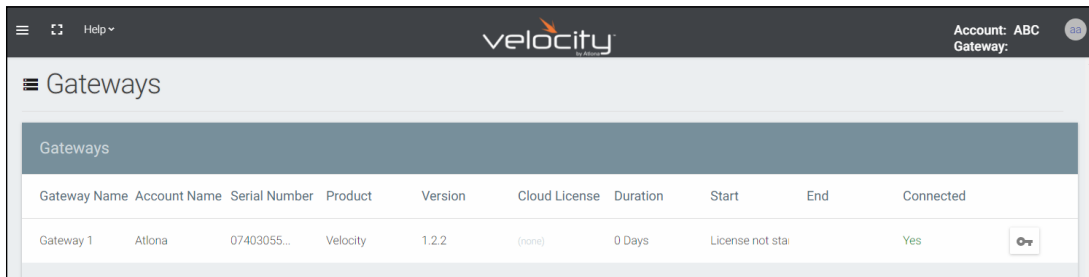


Until the gateway has a cloud license, it can not be remotely connected to or backed up to cloud. To purchase a license contact the local Atlona sales rep for the region or through the [Atlona Partner Portal](#). A license is good for 1 year and must be purchased for each gateway. Purchase either the lite (AT-VSW-LIC-LITE) or pro (AT-VSW-LIC-PRO) cloud license depending on what features are needed.

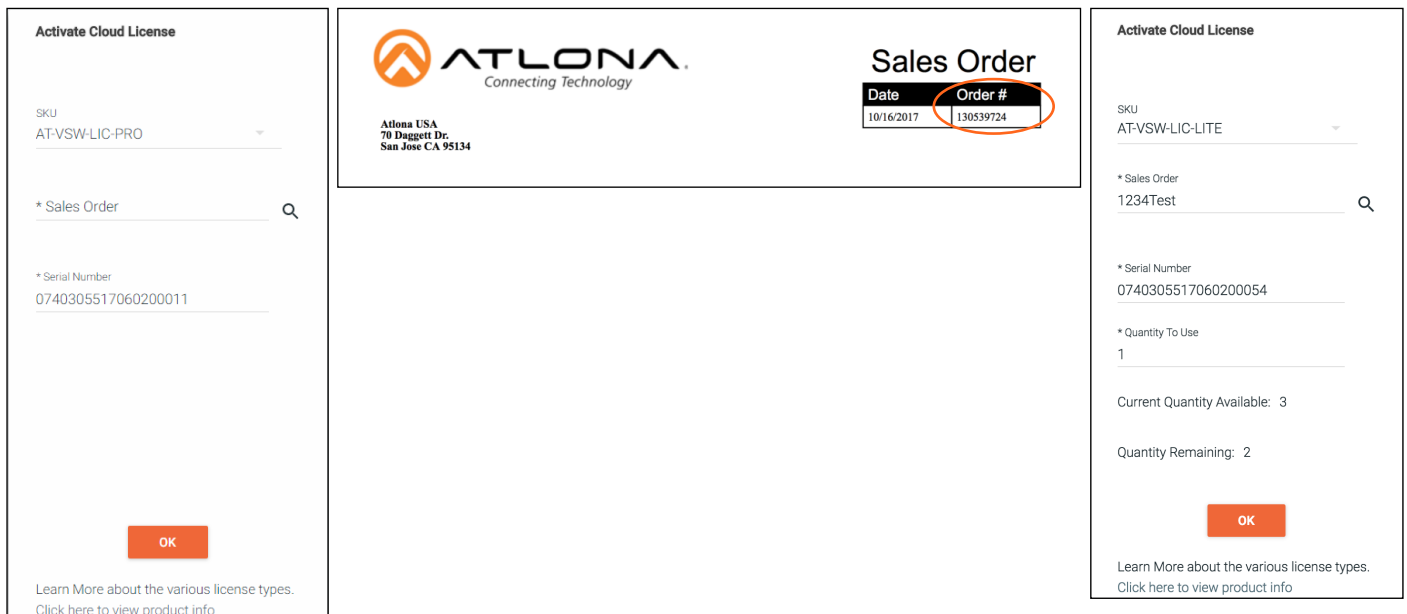


License Activation

Once a license is purchased from the Altona sales rep or partner portal, a sales order will be emailed to the email address on file.



1. Select the key button on the gateway page. A new pop up will appear.



2. Enter in the sales order number (found at the top right of the sales order) into the sales order field and press the search button. New fields will appear on the pop up.

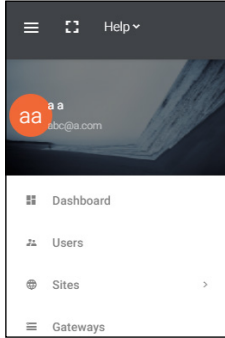
- **Quantity To Use** - Set how many licenses to use. Each license is good for 1 year.
- **Current Quantity Available** - Displays how many licenses were purchased with the sales order.
- **Quantity Remaining** - Displays the number of licenses remaining minus the Quantity To Use field amount.

3. Once the quantity of licenses is selected, press **OK**. The license(s) are now associated with the current gateway and the gateway can now be controlled and backed up remotely.

Remote Access

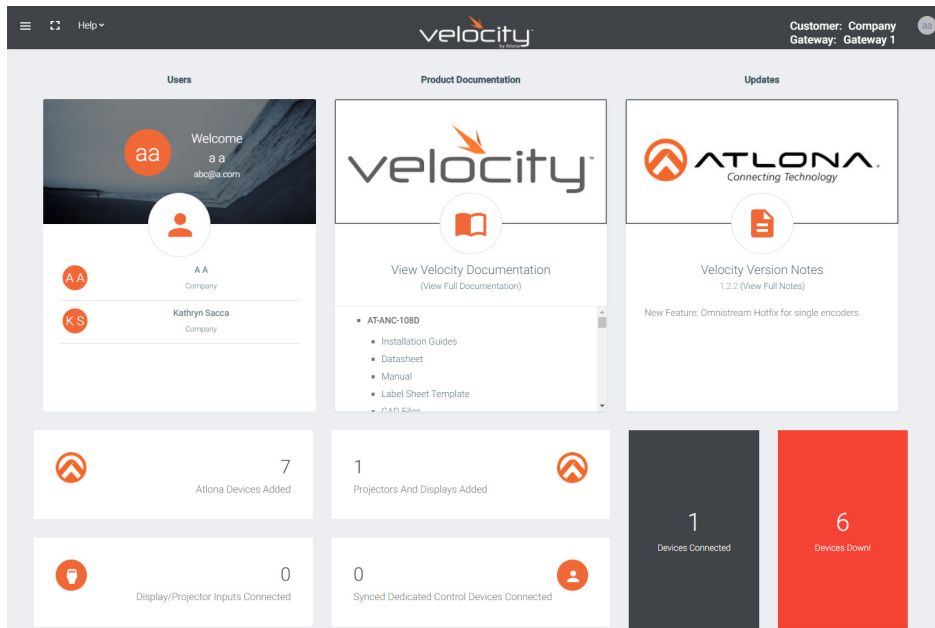
Once the cloud license is activated, the gateway can be remotely controlled.

1. Select Gateway from the top left = navigation menu. A new page will open.



Gateway Name	Account Name	Serial Number	Product	Version	Cloud License	Duration	Start	End	Connected
Gateway 1	Company	1000911107	Velocity	1.2.1	ATVSW-LIC-LL...	365 Days	1000911107	1000911107	Yes

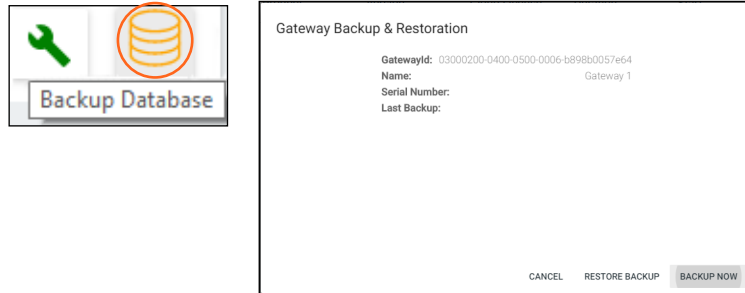
2. Press the **Access Gateway** (green tool) button. A new screen will open. This will allow all of the normal local Gateway functions to be accessed for setup and configuration. For further information on how to configure the gateway, see the Velocity manual.



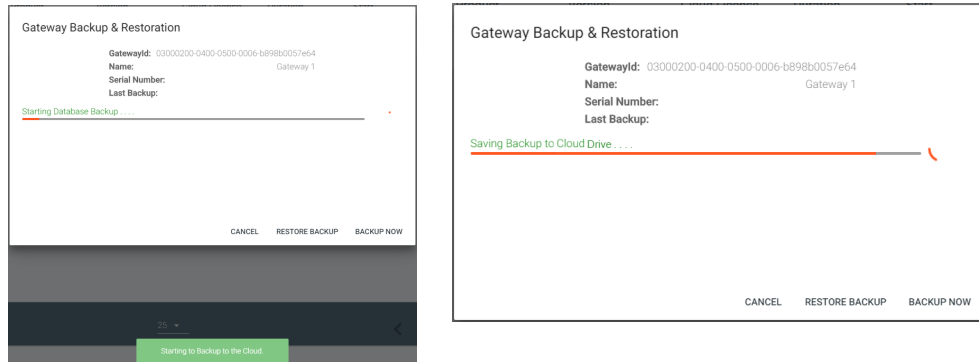
Backup

Once the cloud license is activated, the gateway 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.



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.

