

MOXY USER GUIDE

Connect to any desktops anywhere in the world
Broadcast to any screen anywhere in the world

UniLab Pty Ltd

<https://moxy.unilab.com.au/>

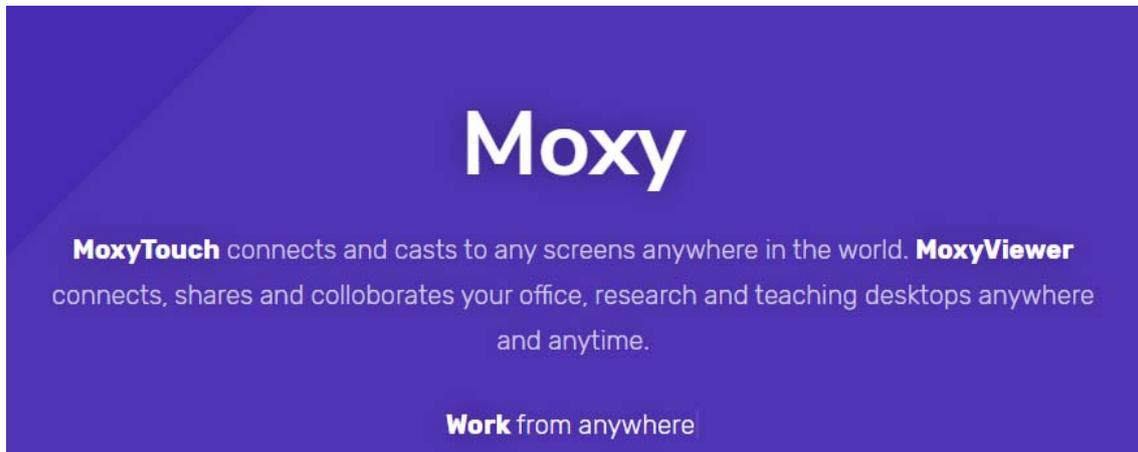
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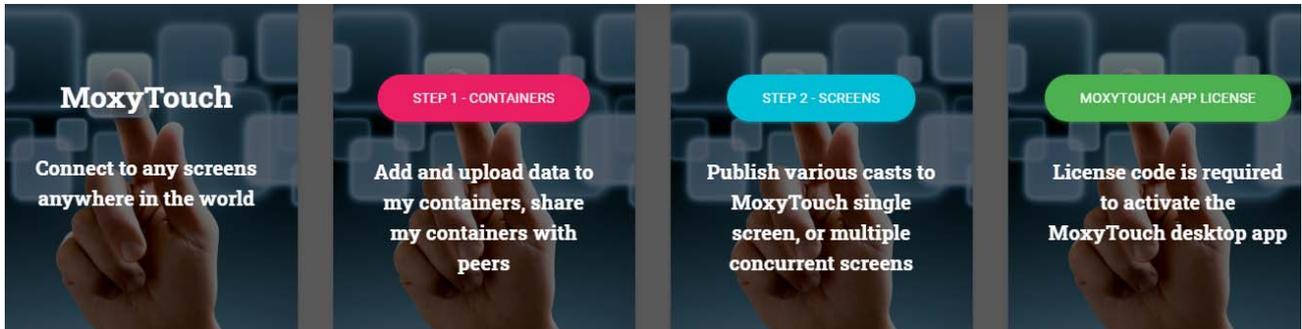
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Overview

Moxy is a service that is comprised of MoxyTouch and MoxyViewer.



Section 1: MoxyTouch



MoxyTouch is a 2 step solution to remotely publish digital media to a screen, for both individual presentation and concurrent presentation.

MoxyTouch allows you to display your media on any screen. To begin, there are two main options:

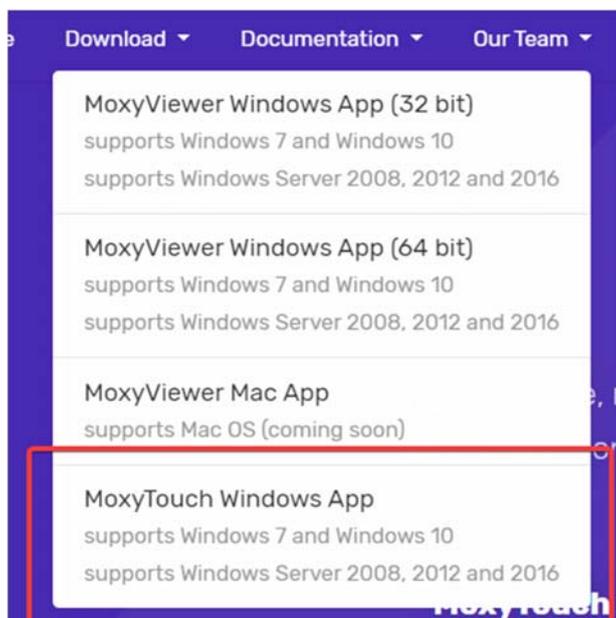
Option 1: Use a MoxyTouch Screen Unit

Connect your MoxyTouch Screen Unit to the screen using a HDMI cable. Power on the MoxyTouch Screen Unit by connecting the micro USB port to any USB port capable of supplying power. The screen does not need any other device attached to display your content.

Option 2: Use a Windows computer in place of a MoxyTouch Screen Unit

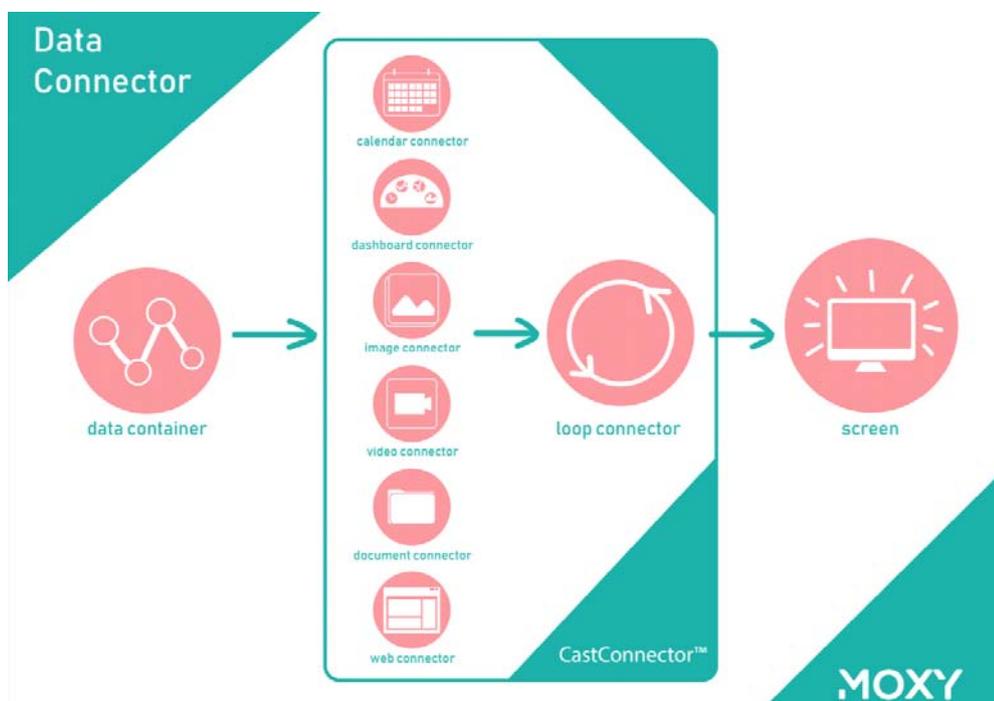
Connect a Windows computer to the screen. Install the MoxyTouch windows app on the computer. Running the MoxyTouch app allows the computer to display content as if it were a MoxyTouch Screen Unit.

The MoxyTouch app can be downloaded from the Moxy home page (before logging in). The app supports Windows 7 and 10, as well as Windows Server 2008, 2012 and 2016. A valid license key is required (see “MoxyTouch App Licensing and Subscriptions”).



Containers

Uploaded digital media and data are stored in containers.

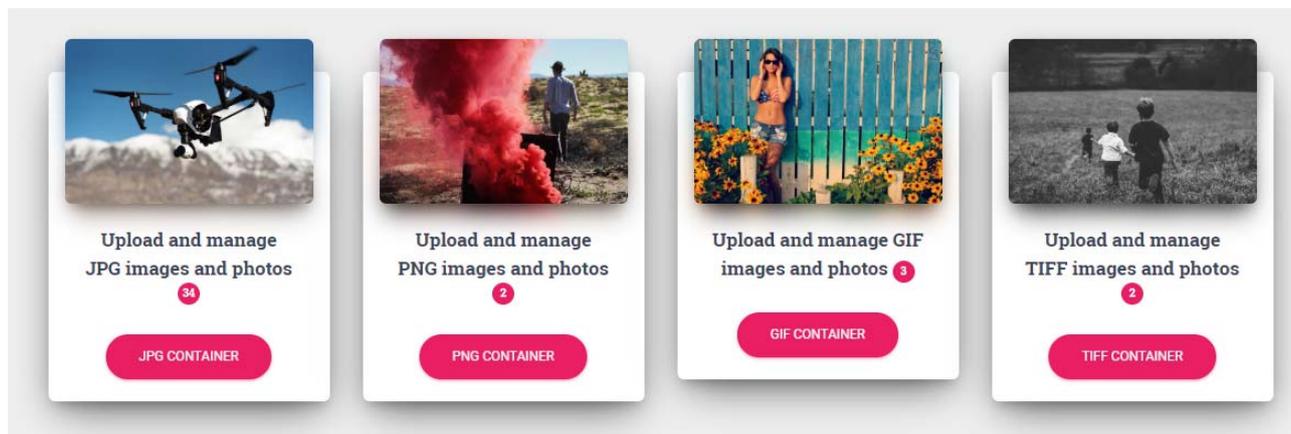


Types of Containers

There are 6 categories of containers:

- Calendar (Includes AC Lab System Labcast, Outlook and Google Calendars)
- Dashboard (Includes AC Lab System Analytics, weather forecast, others)
- Doc (Includes pdf, word, excel, powerpoint)
- Image (Includes jpg, png, gif, tiff)
- Video (Includes mp4, youtube, vimeo)
- Widget (Includes websites and various interactive DIY components)

Containers can be found in the container tab of the navigation bar. After navigating to the container of an appropriate file type, you are able to view your files of the same file type, and upload files of the same file type.

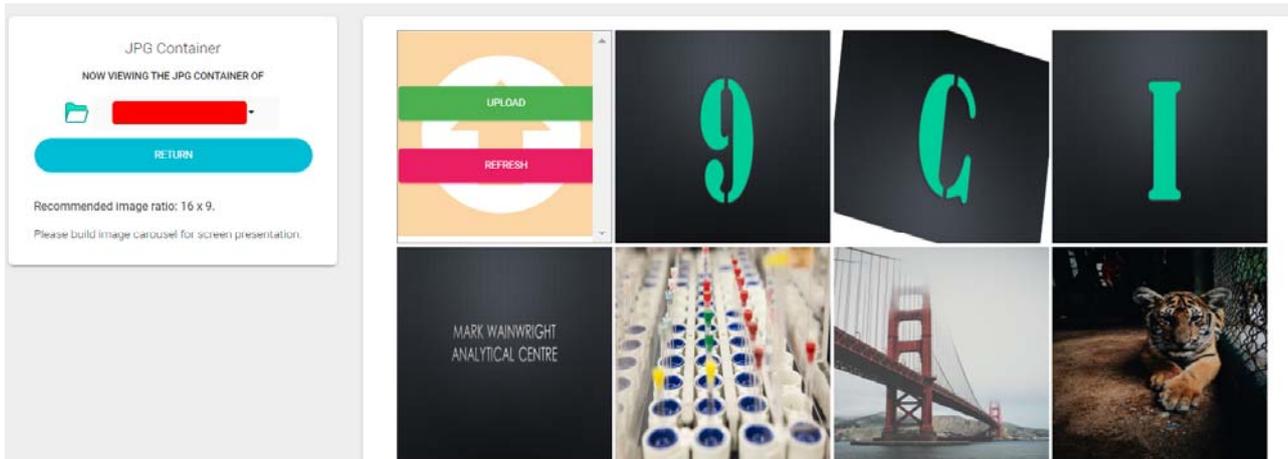


The red bubble on the container indicates the number of files in the container.

For uploading most files, there is a 100mb size limit to uploaded files.

For an mp4 file, there is a 4GB limit.

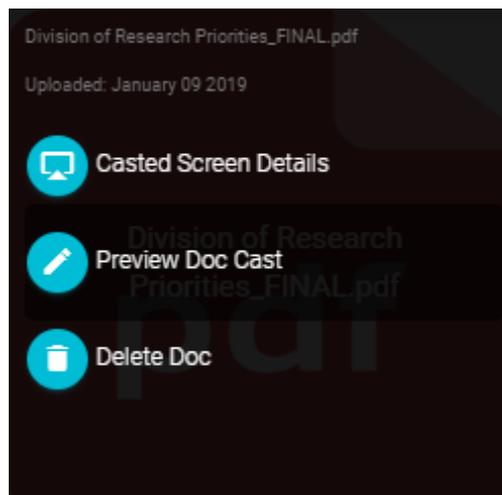
After uploading, you may press the 'Refresh Container' button to see your file in the container.



- Example:
To upload a jpg image:
Navigate to the jpg container through Containers > Image Container > JPG container. Press 'Upload' and locate the jpg image you wish to upload.

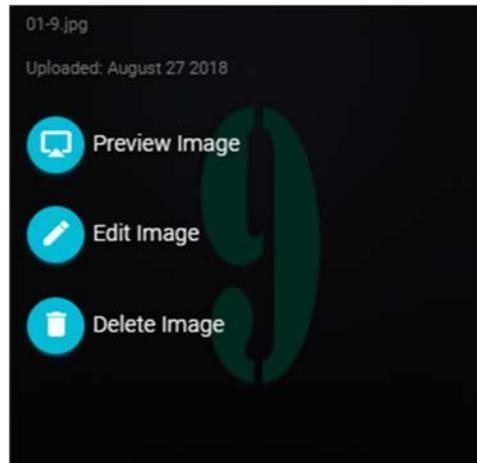
Hovering over a tile will reveal possible actions. These vary by container, as follows:

Doc container:



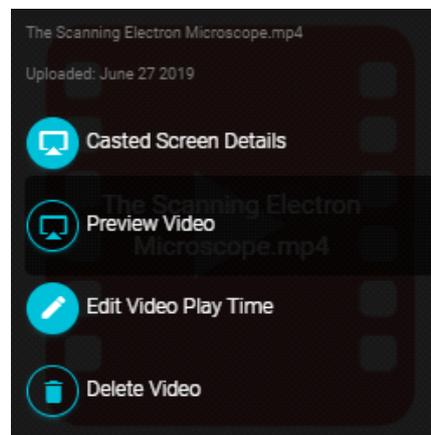
- Casted Screen Details - provides a preview of the document as a cast
- Preview Doc Cast - provides a preview of the document
- Delete Doc - removes the document

Image container:



- Preview Image - provides a preview of the image
- Edit Image - see 'Edit Image' section
- Delete Image - removes the image

Video containers:

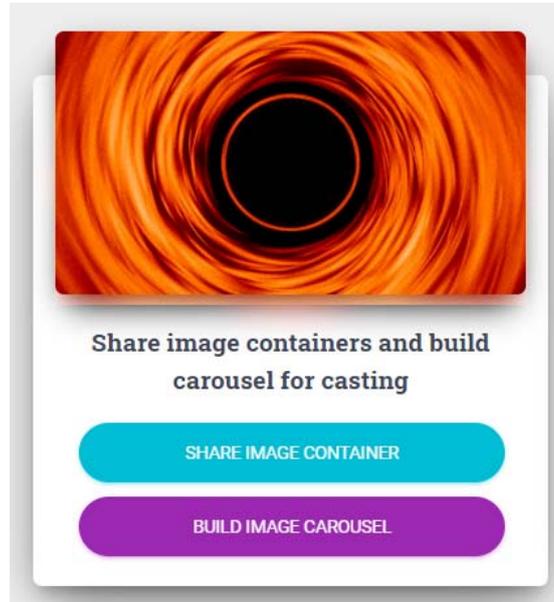


- Casted Screen Details- provides a preview of the video as a cast
- Preview Video - provides a preview of the video
- Edit Video Play Time - change the video play time, or change the video link
- Delete Video - removes the video

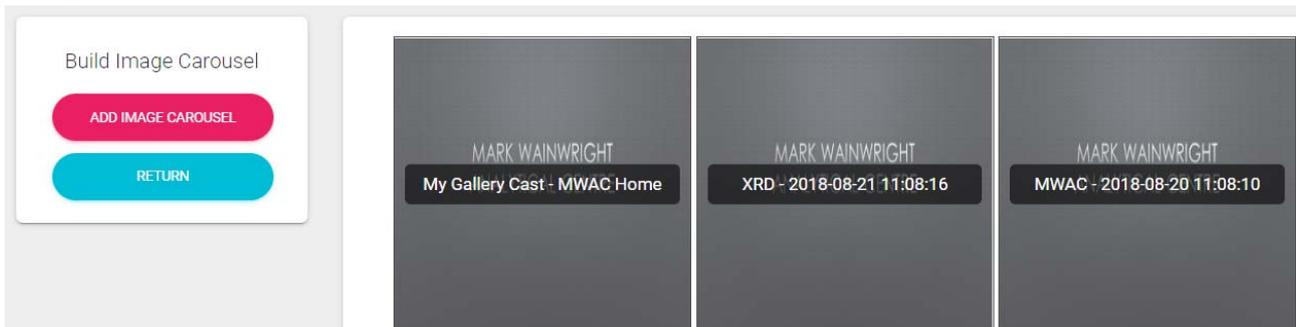
Image Carousel Casts

Navigation:

Containers > Image Container > Build Image Carousel Cast



To cast an image to a screen, an Image Carousel Cast must be built first. An image carousel cast consists of a selection of images that will be displayed on the screen. The cast will rotate through each image one-by-one. If only a single image needs to be displayed, then a cast can still be created to only display one image.

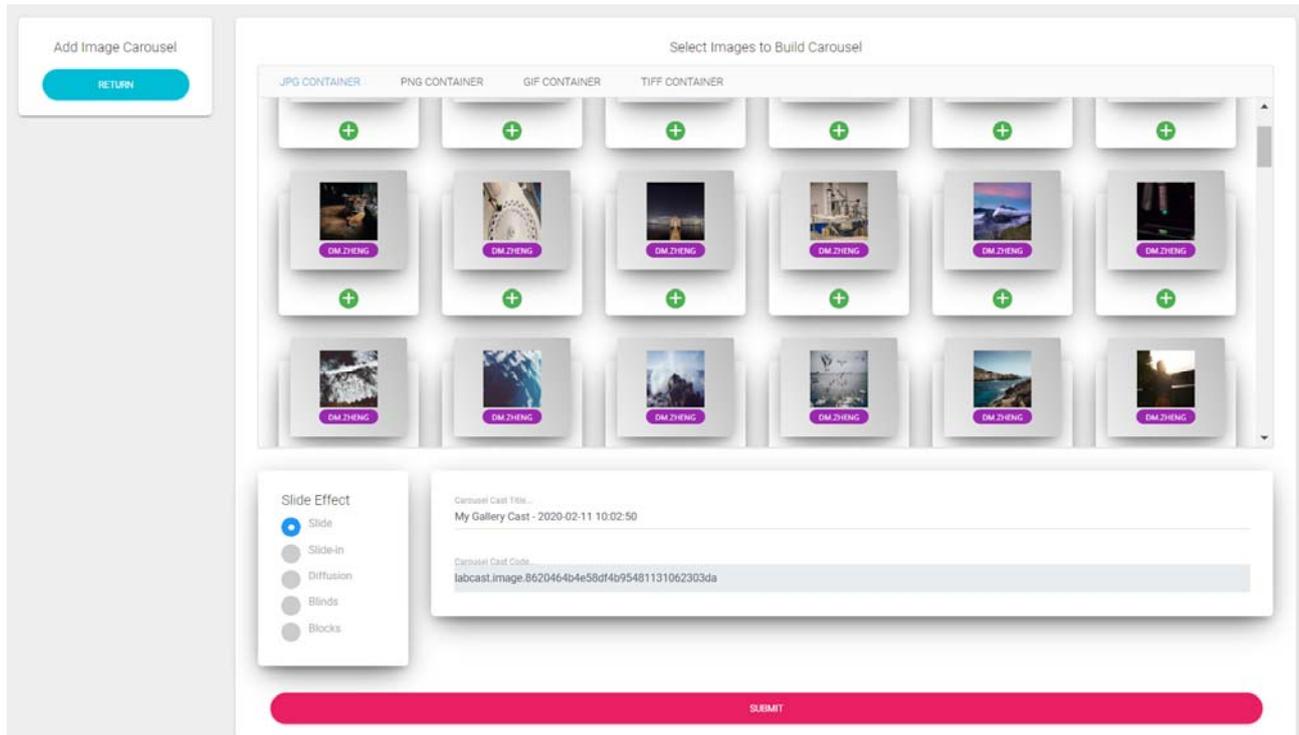


By selecting "Add Image Carousel", you will find the following displayed in their individual tabs:

- Images from your jpg container, and images from shared jpg containers
- Images from your png container, and images from shared png containers
- Images from your gif container, and images from shared gif containers
- Images from your tiff container, and images from shared tiff containers

Files that you own are marked with your username in purple. Files that other users have shared with you are marked with their username in grey.

Transition effects are also available to select. These range from Slide, Slide-In, Diffusion, Blinds and Blocks.



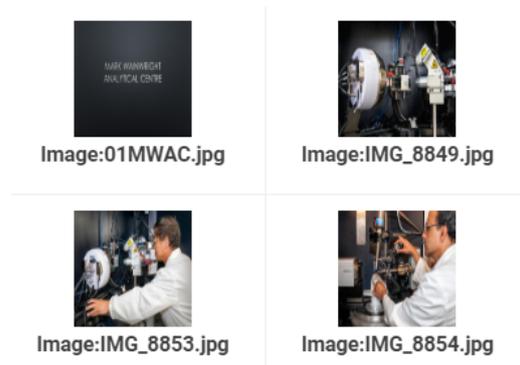
After selecting the desired images and titling the cast, press "Submit". This will add the cast to your list of image casts.

In your list of casts, you have the following actions:

- Preview: Previews the image cast. You can use this to check if the sequence is correct and the transition effect is appropriate.
- Edit: Edit the selection of images and name
- Delete: Deletes the image cast

Within the edit feature, you can drag and drop to change the order the images are displayed in. Ensure that the image order is submitted.

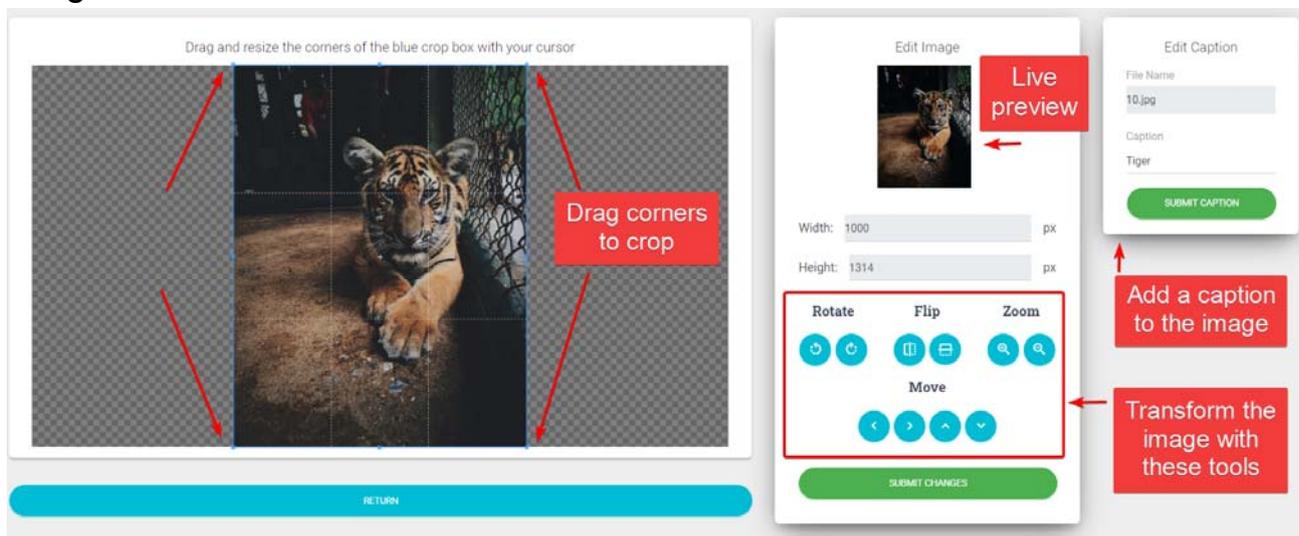
Drag and Drop to Change Order of Carousel Cast



Edit Image and Add Caption

This feature allows you to make changes to an image directly from your browser, without the need for external image editing tools.

This particular feature is accessible when hovering over an image in any of the image containers.



This tool allows you to:

- Crop the image
- Rotate the image
- Flip the image
- Zoom in and out on different parts

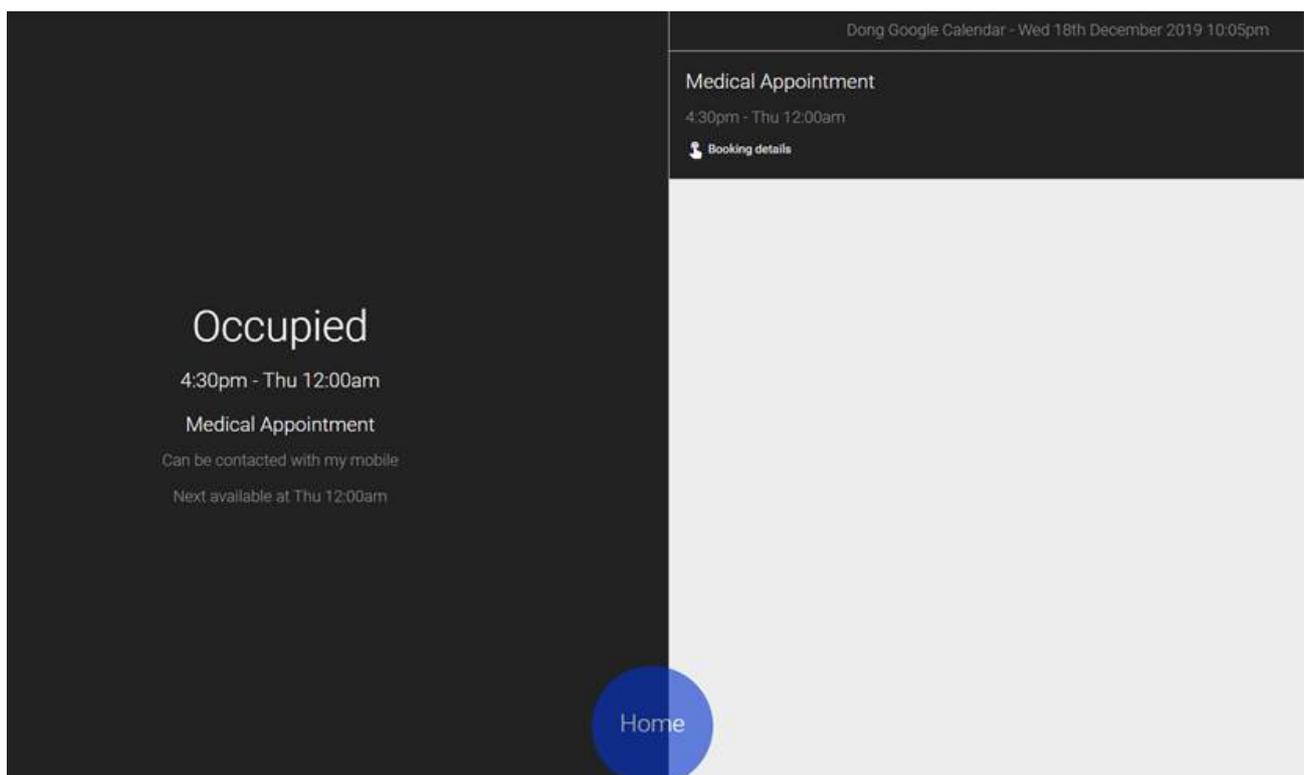
When done, make sure you press 'Submit Changes' to save your edits.

In addition, you may choose to add a caption with the Edit Caption box. The caption you add will be displayed during an image cast, but won't be visible from the image editing tool. If you want to see how the caption will look, select 'Preview Image' while hovering over the image in the image container.

Calendar Container

Using the Calendar container, you can display a real-time live feed based on an online calendar management tool like Google Calendar.

When cast, MoxyTouch will display the current event that is happening on your calendar, as well as upcoming events. For example, you can display a staff calendar so researchers and users can see the availability of that staff member.



Google Calendar

To connect a Google calendar, you will need a Google calendar URL from your Google account.

1. Go to Google Calendar
2. Click on gear icon on top right and click settings
3. Go to the section on the left sidebar titled [Settings for my calendars] and click on the calendar name (e.g your name)
4. Click on [Integrate calendar] from that section
5. Copy link titled [Secret address in iCal format]
6. Paste the link into the input box

Outlook Calendar

To connect an Outlook calendar, you will need an Outlook calendar URL from your Outlook account.

1. Go to <https://outlook.office.com/calendar/>
2. Click the gear button in the top right corner
3. Click [View All Outlook Settings] at the bottom of the right panel
4. In the [Calendar] section, click on [Shared Calendar]
5. In the [Publish a Calendar] section, select your calendar and [Can view all details]
6. Click the link labeled [HTML] and select [Copy link], copy to Outlook URL field in the form
7. Paste the link into the input box

ACLS Calendar

This is a unique feature for MoxyTouch to connect to the AC Lab System (ACLS). ACLS is deployed among institutes to support research lab resource sharing and management.

For details how to create labcast for Moxy (Labcast), please refer to Labcast chapter of AC Lab System Guide at:

https://www.analytical.unsw.edu.au/sites/default/files/page_file_attachments/acls-complete-guide-2019.pdf

Create labcast calendars by copying and pasting the cast code from ACLS to calendar container.



You can choose the following options to set up labcast calendars.

Labcast Title...
My Calendar Cast - 2019-04-15 09:04:43

Labcast Code...

ACLS URL...

Calendar Background Color:

White background labcast

Black background labcast

Calendar Orientation:

Landscape

Portrait

Calendar Type:

Timeline Calendar

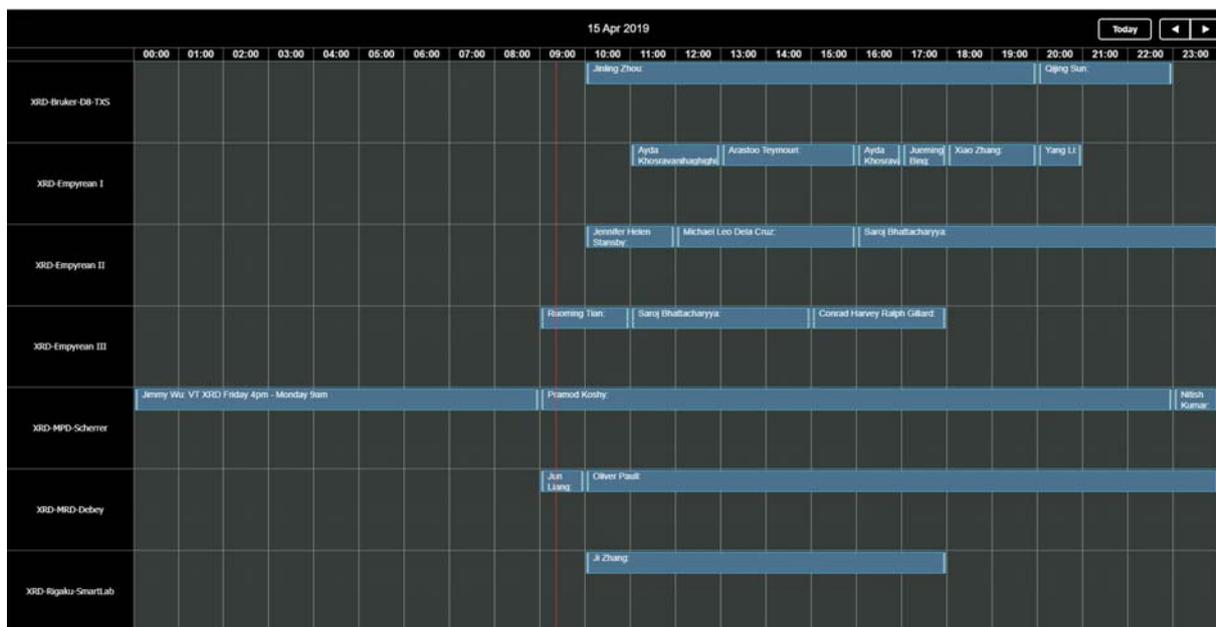
Tile Calendar

SUBMIT

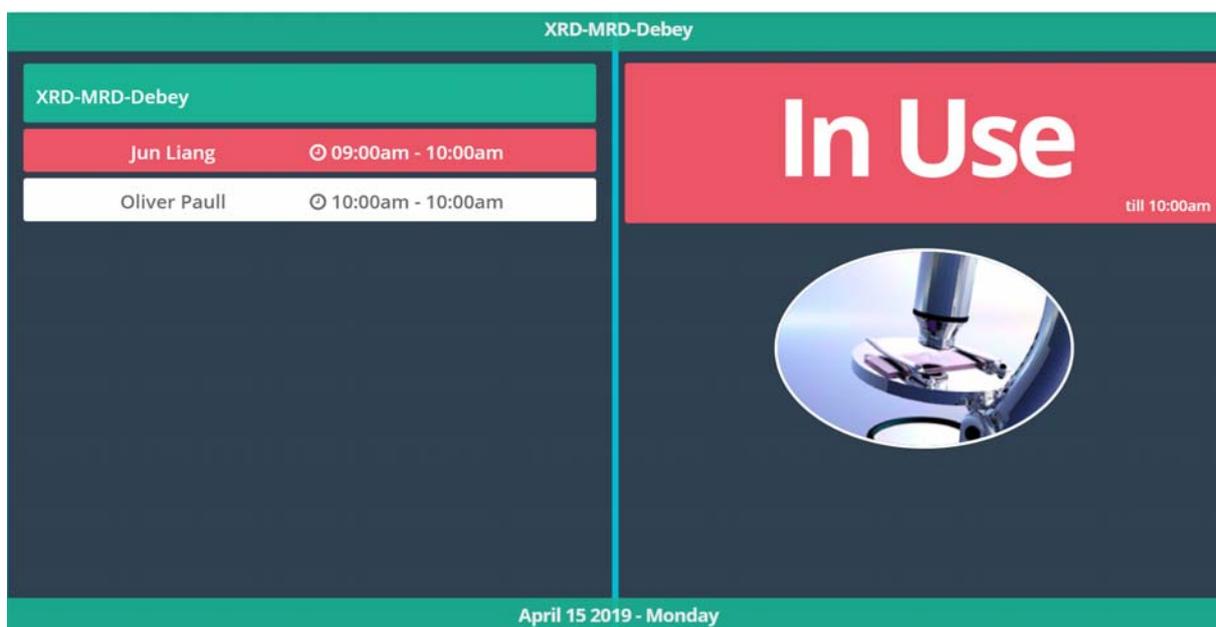
- Background color: dark or white background for timeline calendar
- Calendar orientation: landscape or portrait

- Calendar type: timeline or tile. A timeline calendar displays everything concurrently. A tile calendar has a rolling presentation for each research equipment calendar. They are as follows:

TIMELINE



TILE



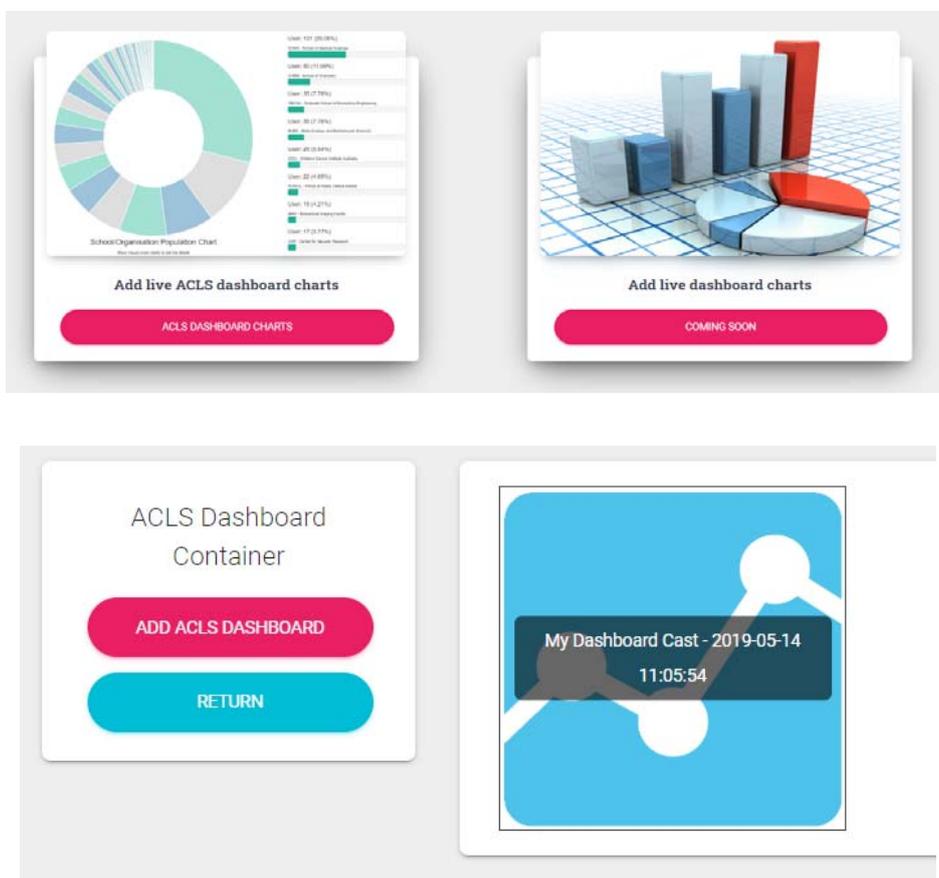
Dashboard Container

This is a unique feature for MoxyTouch to connect to the AC Lab System (ACLS).

Navigation:

Containers > Dashboard Container

Create labcast dashboards by copying and paste cast code from ACLS to dashboard container.



Fill out the required fields to set up a labcast dashboard.

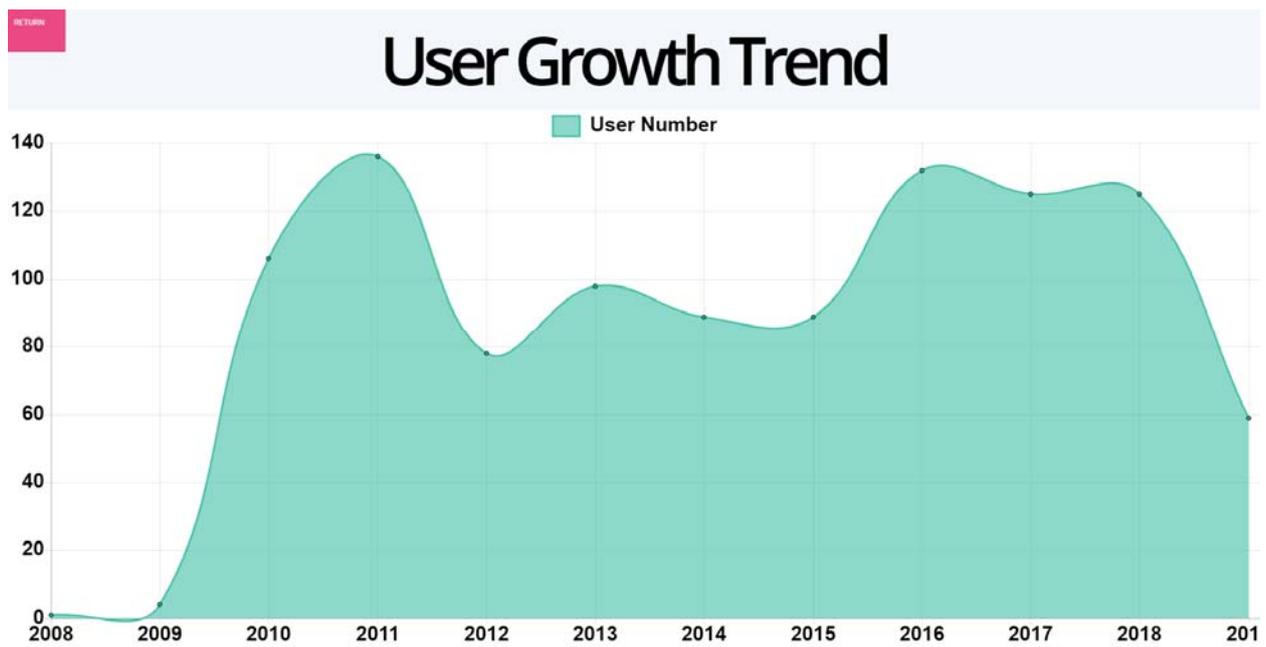
Labcast Title...
My Dashboard Cast - 2019-06-02 03:06:28

Labcast Code...

ACLS URL...

SUBMIT

PREVIEW EXAMPLE



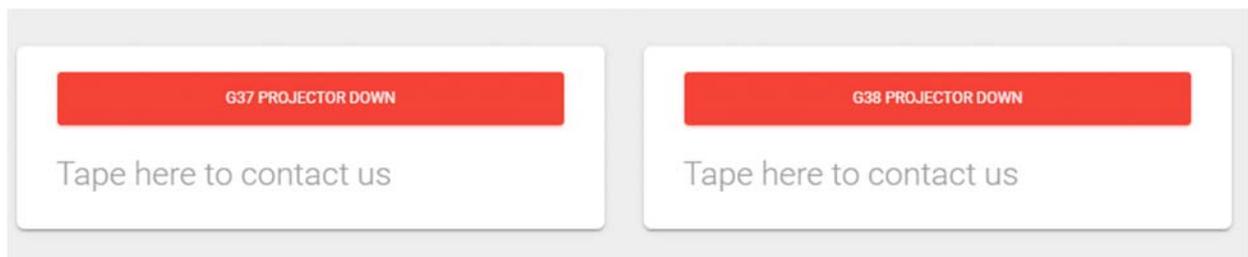
Widget Container

The Widget Container is different from the other containers, as it features several out-of-the-box interactive widgets that you can display on your cast. There are a variety of helpful widgets that can be used if you require certain interactive features. Additionally, it has the ability to display websites of your choosing.

Alert Widget



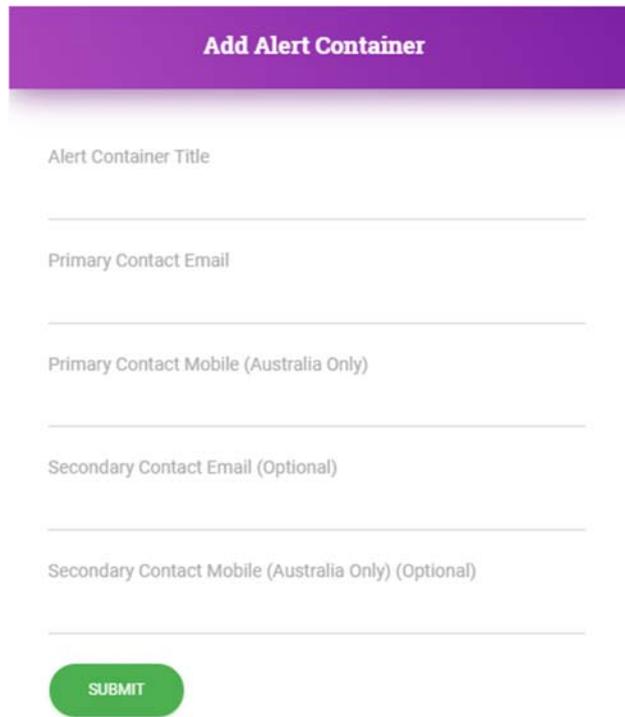
Appearance:



The alert widget is an interactive widget that notifies the appropriate personnel when assistance or action is needed.

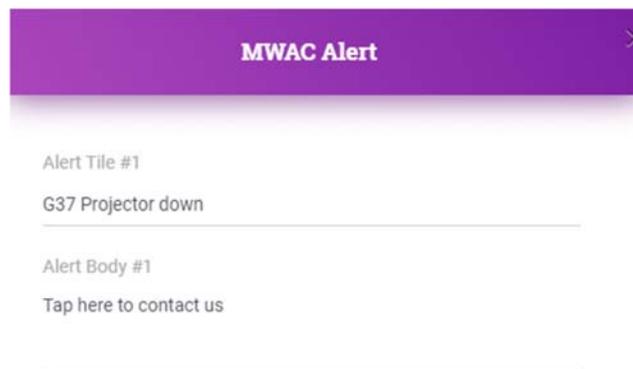
- Example: A button labeled “Projector Down” that you press to notify the IT department that a projector is not working and needs repairs.

When adding a new Alert Widget, you will need to provide contact details. This will be where the alerts are sent to.



The screenshot shows a purple header bar with the text "Add Alert Container" and a close button on the right. Below the header are five text input fields, each with a label and a horizontal line for text entry. The labels are: "Alert Container Title", "Primary Contact Email", "Primary Contact Mobile (Australia Only)", "Secondary Contact Email (Optional)", and "Secondary Contact Mobile (Australia Only) (Optional)". At the bottom of the form is a green rounded rectangular button with the text "SUBMIT" in white capital letters.

After creating the widget, selecting 'Add alert tiles' on the new widget will allow you to define the different alerts that a visitor can pick from.

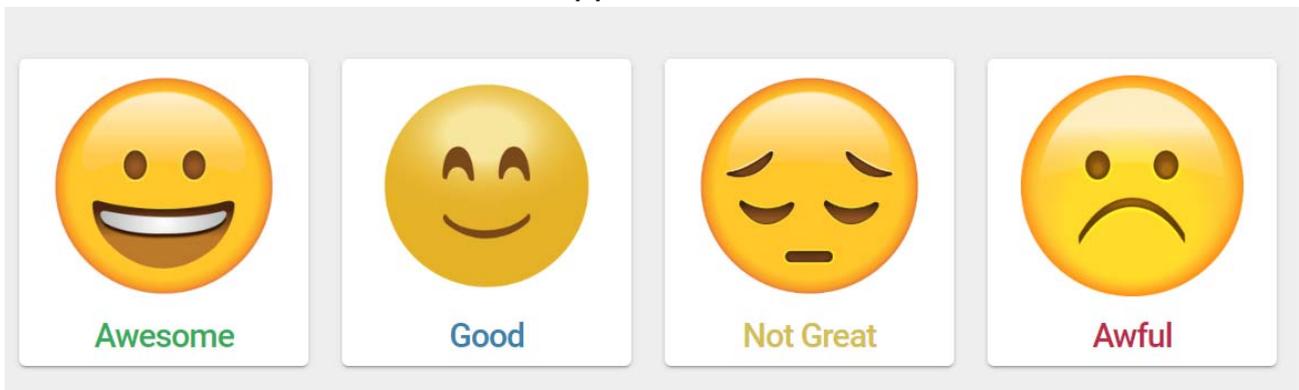


The screenshot shows a purple header bar with the text "MWAC Alert" and a close button on the right. Below the header are two text input fields. The first field is labeled "Alert Tile #1" and contains the text "G37 Projector down". The second field is labeled "Alert Body #1" and contains the text "Tap here to contact us".

Happy Face Widget



Appearance:



The Happy Face Widget is used to gather visitor feedback on your faculty. A visitor can select a rating to give to your faculty, and one or more reasons why they chose that rating.

- Example: The 'Awesome' button expands to show a list of reasons why the faculty is awesome, and the user can tick one or more reasons to send as feedback. This example will look like this:

Awesome Service

- Great space and freindly staff
- Availability of analysis space
- State-in-art equipment and tools
- Great for quality research
- Easy to book and track bookings
- Something else

SUBMIT

When you add a Happy Face Widget, the location you provide is used to identify what area the feedback is meant for.

Add Happy Face

Location

 Awesome Service Face
 Tick to enable

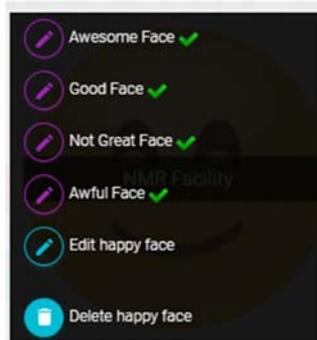
 Good Service Face
 Tick to enable

 Not Great Service Face
 Tick to enable

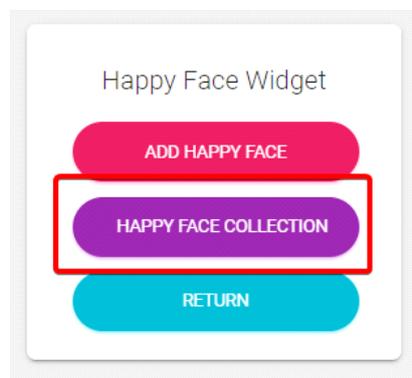
 Awful Service Face
 Tick to enable

SUBMIT

After creation, editing the specific 'Face' will let you add reasons that a visitor can pick from.



You can view gathered data at the “Happy Face Collections” page, accessible from the container page. The widget records each location’s selected faces, reasons, and timestamp.

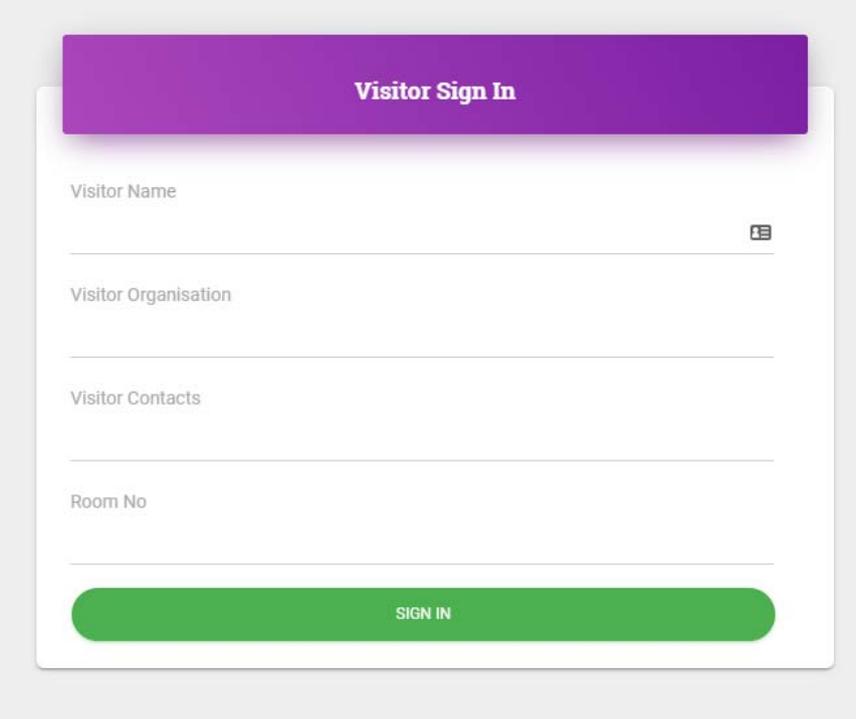


The data can be exported as a CSV, Excel or PDF. Copy and print functions are also provided.

Sign-In Widget



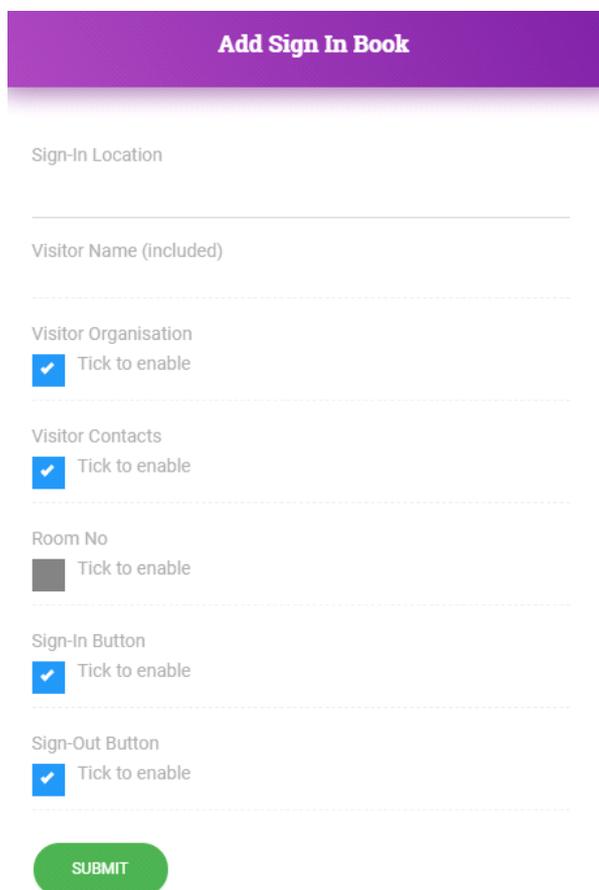
Appearance:

A screenshot of a "Visitor Sign In" form. The form has a purple header with the text "Visitor Sign In" in white. Below the header are four input fields: "Visitor Name" (with a calendar icon on the right), "Visitor Organisation", "Visitor Contacts", and "Room No". At the bottom of the form is a green rounded button with the text "SIGN IN" in white capital letters.

The Sign-In widget is used to keep track of visitors to your faculty. It provides check-in and check-out functionality, making it ideal as a supporting device for an area that receives many visitors. Visitor logs are recorded for future reference.

- Example: A Sign-In device mounted outside an office that checks-in visitors, as well as their organization. Visitors check-out when they leave.

When adding a Sign-In location, there are several options to choose from. The Visitor Name option is always selected by default. The other options are additional fields that the visitor will have to fill in when they check-in.

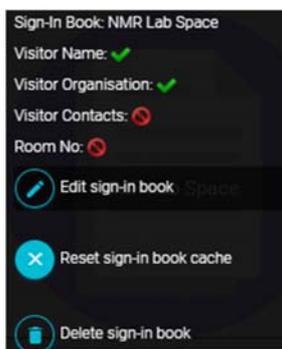


The screenshot shows a purple header with the text "Add Sign In Book". Below the header, there are several form fields, each with a label and a "Tick to enable" checkbox:

- Sign-In Location: A text input field.
- Visitor Name (included): A text input field.
- Visitor Organisation: A text input field with a checked blue checkbox.
- Visitor Contacts: A text input field with a checked blue checkbox.
- Room No: A text input field with an unchecked grey checkbox.
- Sign-In Button: A text input field with a checked blue checkbox.
- Sign-Out Button: A text input field with a checked blue checkbox.

At the bottom of the form is a green rounded button labeled "SUBMIT".

After creation, you can view the chosen options and edit them. You are also given the option to reset the sign-in cache, which removes out-of-date sign-ins that should not be there.

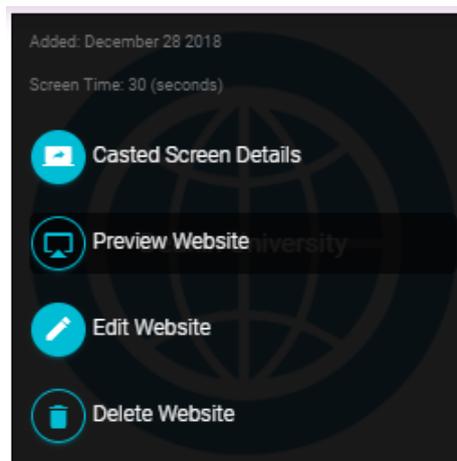


Clicking the 'Visitor Sign-In Logs' button on the Sign-In Widget page will provide a log of sign-in information for each visitor that has checked-in.

Website Widget:



The Website Widget allows you to display any website as a cast. Functionality is similar to other file containers, and it can be shared like other containers.



Casted Screen Details - provides a preview of the website as a cast

Preview Website - provides a preview of the website

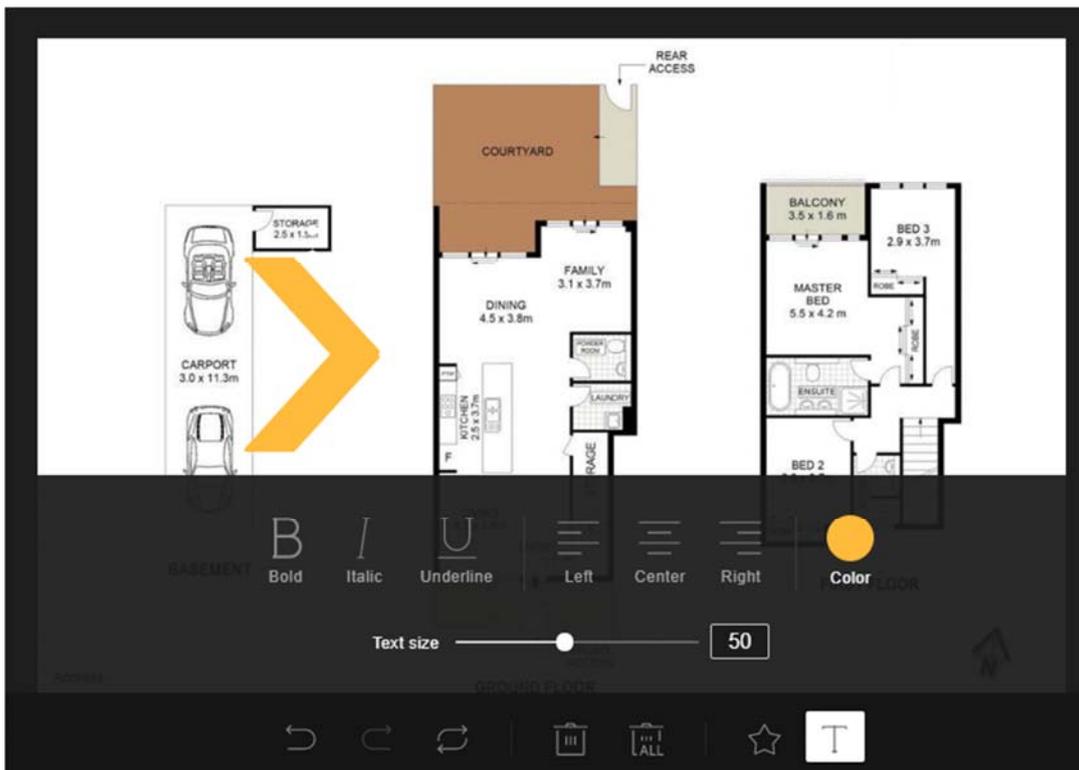
Edit Website - change the website display interval

Delete Website - removes the website from your container

Image Label Widget

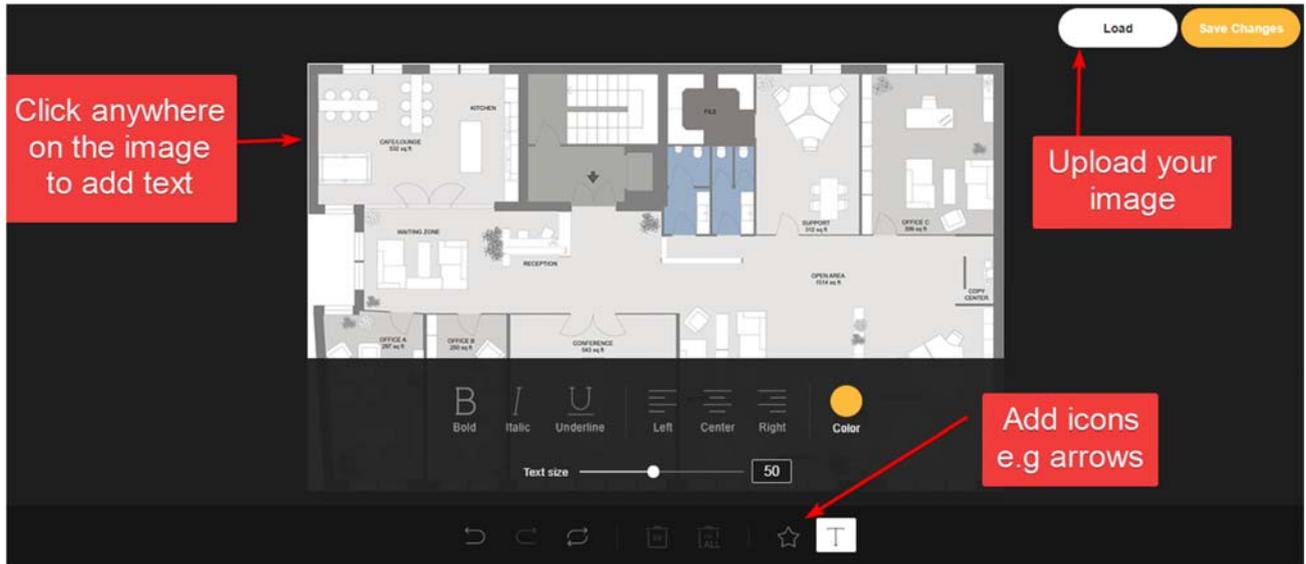


Appearance:

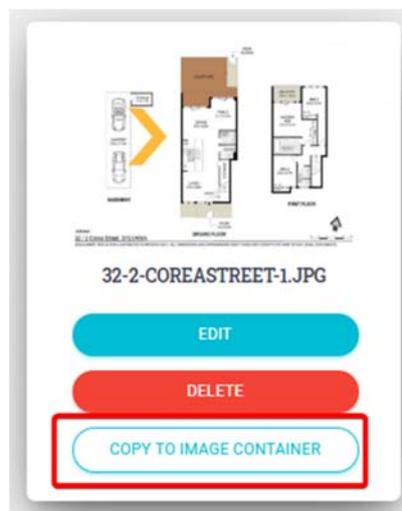


The Image label widget is a tool used to add captions, iconography, arrows and other labels to your image. For example, you can upload a map of your lab and

use this widget to circle the fire exit.



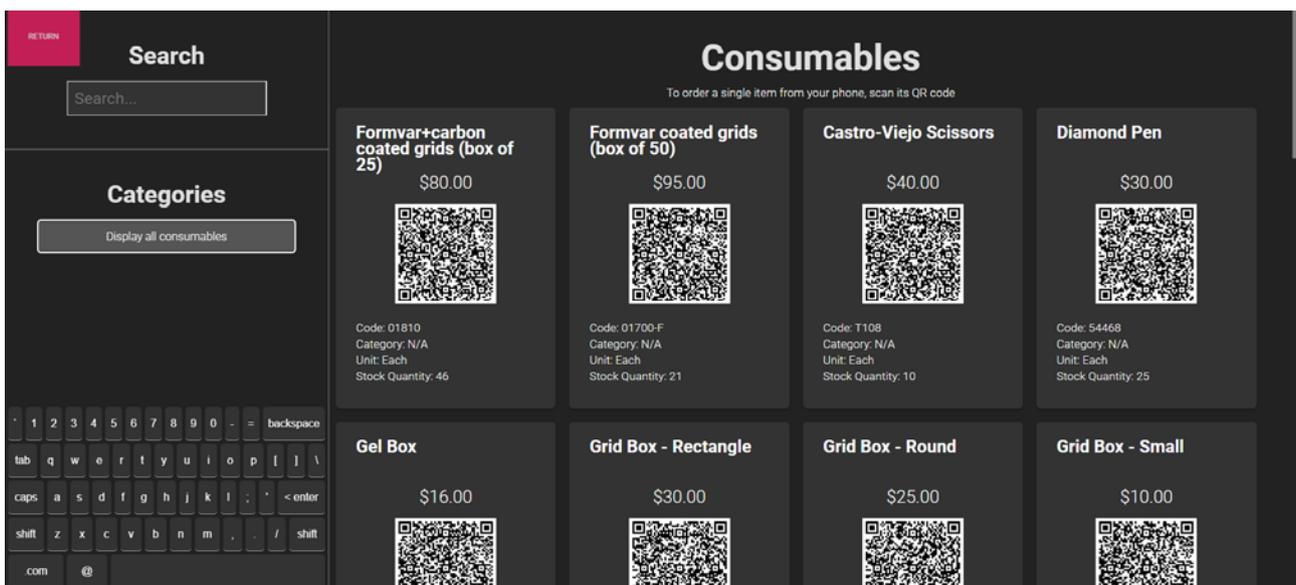
Once you have finished your changes and saved them, press 'Copy to image container'. This will add your labeled image to the jpg container. It is now able to be used in image casts.



Consumable QR Widget



Appearance:



This widget connects with ACLS.

The Consumable QR Code Widget will display an interactive interface that integrates with your faculty's ACLS consumable orders page. It will display your faculty's consumable order page, including price, stock, units and order information. The kiosk user can scroll down the page and find more consumables by dragging the touch screen. This creates a new way for users to order consumable items.

The QR code displayed by each item corresponds to the QR code displayed by the ACLS consumable page. When a user scans a QR code on their phone,

they are taken to an order form on their phone that requires them to log in. They can order the consumable from their phone after logging in, and the purchase is logged with their account.

The search feature is real-time and allows the kiosk user to type in any keyword to find a specific consumable. Consumables will be filtered based on name. The on-screen keyboard is used to type keywords into the search bar.

The kiosk user can also filter consumables by a specific category.

To add ACLS integration:

1. Log into ACLS and navigate to your faculty's Booking page
2. Select 'My Labcasts' in the LabCasts section
3. Copy and paste the Labcast code and ACLS url for the appropriate widget.
For this case, it is the Consumable QR Widget.



Labcast code:

moxysignin.g4FLhG3x.55f7f51b3716da3b38

ACLS URL:

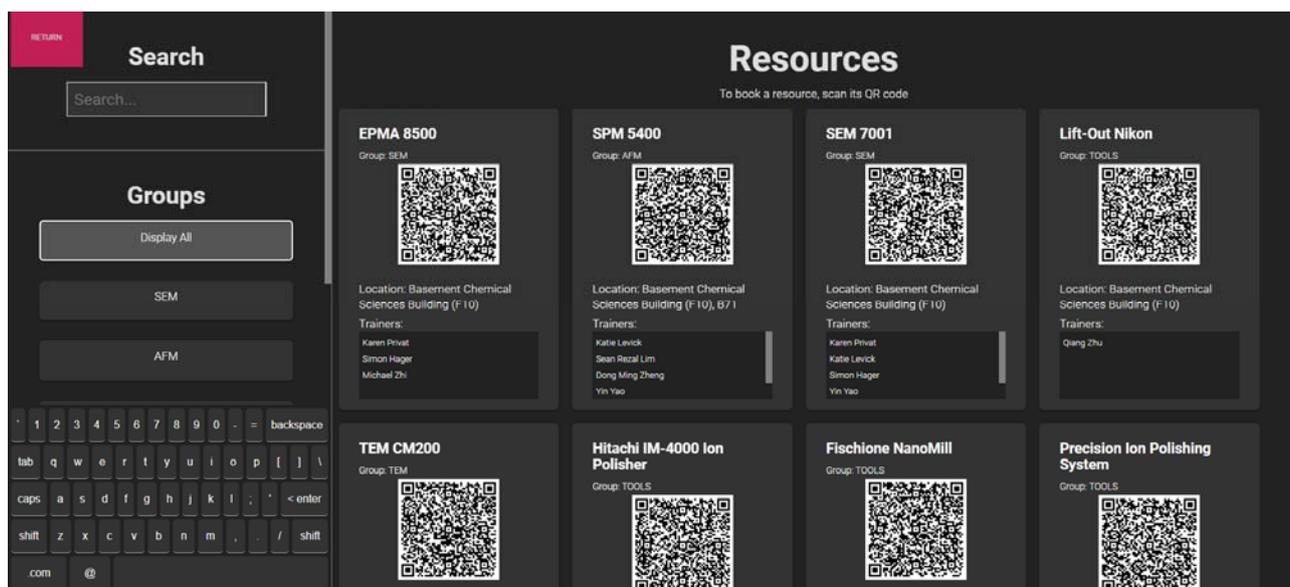
<https://bks.emunit.unsw.edu.au>

Consumable QR Widget

Resource QR Widget



Appearance:



This widget connects with ACLS.

The Resource QR Code Widget will display an interactive interface that integrates with your faculty's ACLS resource catalogue page. It will display your faculty's resource page, along with location and resource trainers. The kiosk user can scroll down the page to view all resources by dragging the touch screen. This creates a new way for users to book resources.

The QR code displayed by each item corresponds to the QR code displayed by the ACLS resource catalogue page. When a user scans a QR code on their

phone, they are taken to a booking form on their phone that requires them to log in.

The search feature is real-time and allows the kiosk user to type in any keyword to find a specific resource. Resources will be filtered based on name. The on-screen keyboard is used to type keywords into the search bar.

The kiosk user can also filter resources by a specific category. You can filter by sub-category as well. If filtering by a category that contains sub-categories, the filter will retain all resources across the sub-categories.

To add ACLS integration:

1. Log into ACLS and navigate to your faculty's Booking page
2. Select 'My Labcasts' in the LabCasts section
3. Copy and paste the Labcast code and ACLS url for the appropriate widget. For this case, it is the Resource QR Widget.



Labcast code:

moxysignin.g4FLhG3x.55f7f51b3716da3b3;

ACLS URL:

<https://bks.emunit.unsw.edu.au>

Resource QR Widget

Share Containers

Users are able to share files with other users by sharing containers. Sharing permissions can be created for each individual container, but only for that container. Sharing is bidirectional.

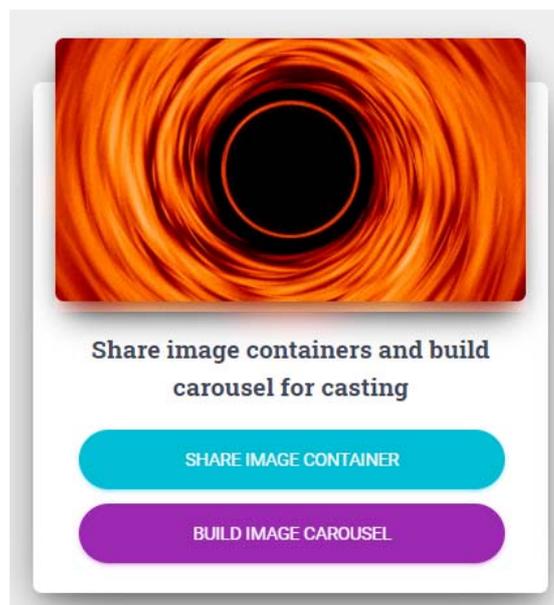
- Example: If a user1 shares their container with user2, then user2 can view user1's files, and user1 can view user2's files.
- Example: Sharing an image container will only share the image container, and not any other container. However, the user is still free to share as many containers as they would like.

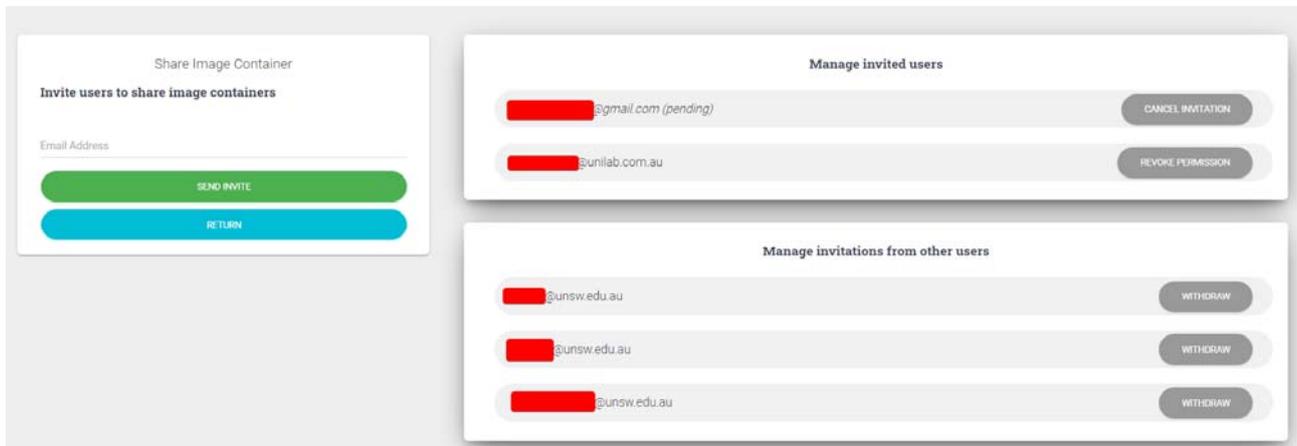
A shared user can only view files. They are unable able to add, edit or delete files from another user's container.

INVITING USERS

Navigation:

Containers > Share Image Container





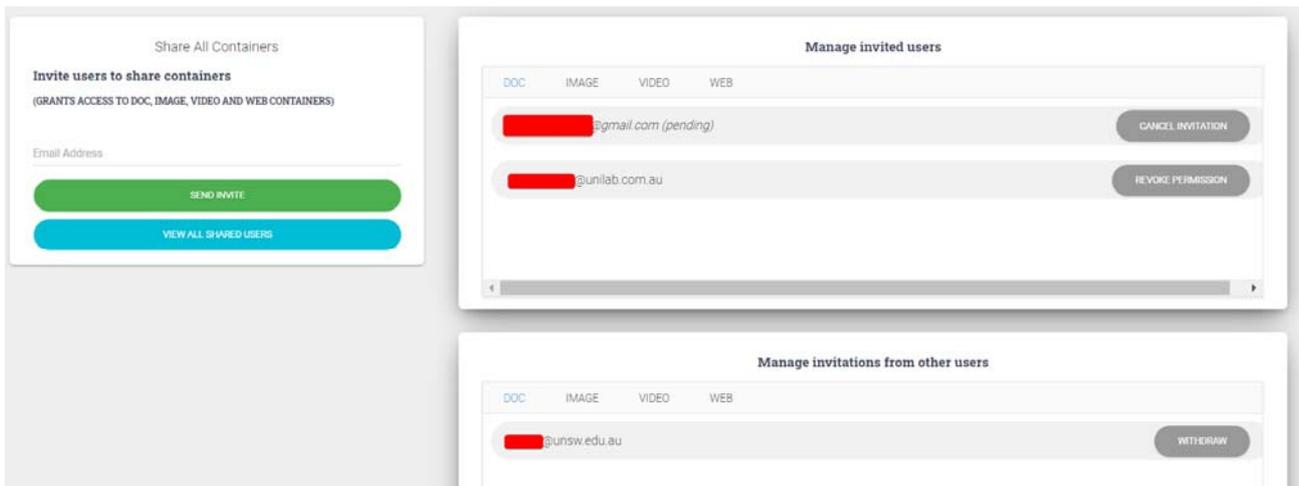
From the above page, you may invite other users. After an invitation is sent, you must wait for the invitee to accept the invitation.

Users who you have invited are displayed in the "Manage invited users" section. It will display users who have pending invites, and users who have accepted invites. You may choose to revoke sharing permissions from any user in this section.

Users who have invited you to share will appear in the "Manage invitations from other users" section. You may choose to remove yourself from their shared containers if you wish.

If you wish to share every single container with a user all at once, you may use the "Share All Containers" page, from the navigation bar.

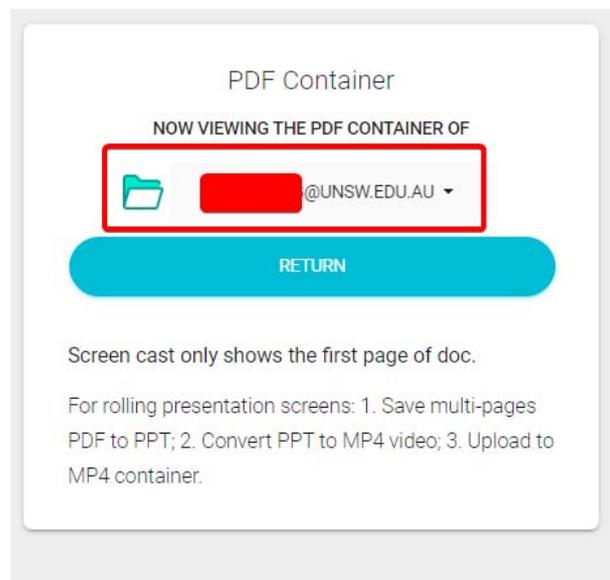
This page sends an invitation that grants permission to all of your shareable containers. It also allows you to view and manage invitations across all your containers.



View Shared Data

Once container sharing has been established between two users, you will be able view the invitee's container from the appropriate container page.

A dropdown menu in a container will allow you to select any users that you have shared your container with.



MoxyTouch Screens

A screen is defined as MoxyTouch screen unit attached to a monitor, television, or display device.

High-Level Concept



Publish to a Single Screen

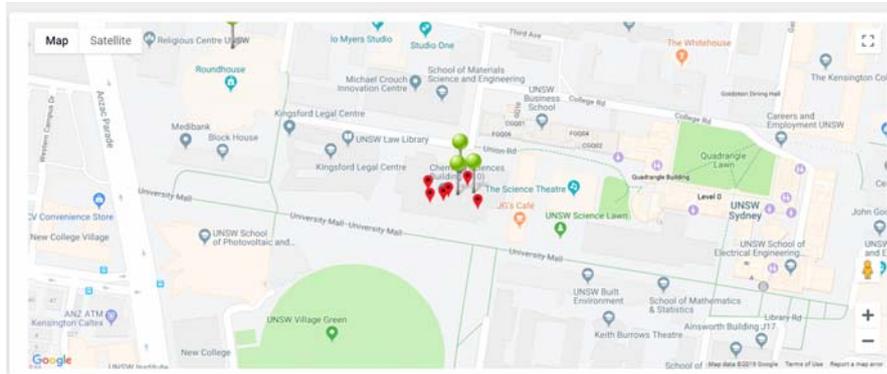
Navigation:

MoxyTouch > MoxyTouch Single Screen

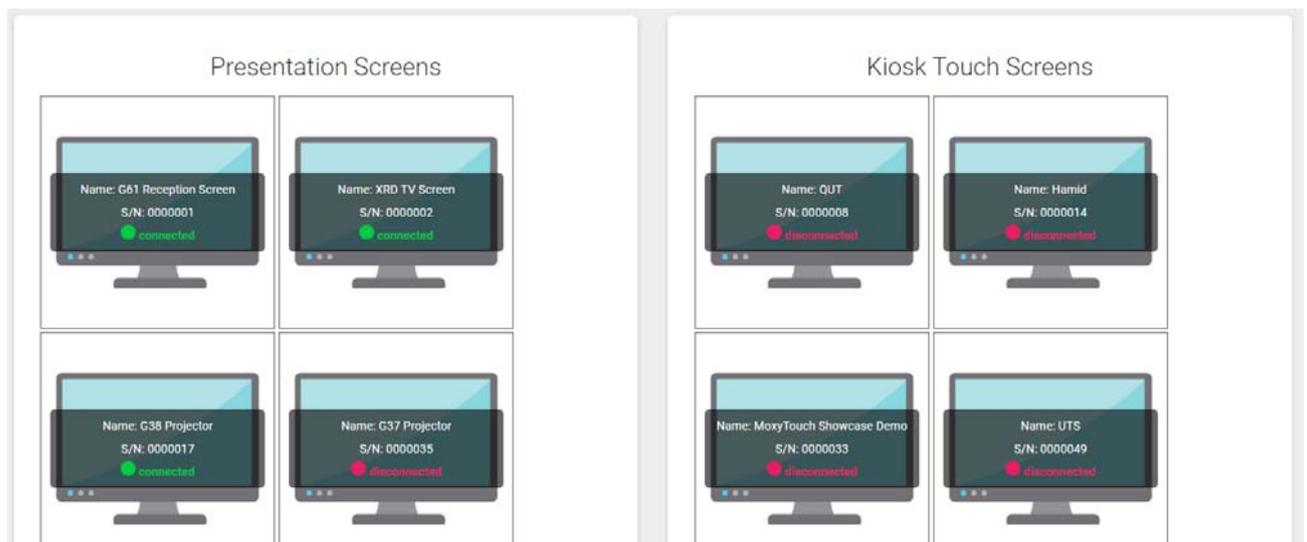
This page displays all screens belonging to you. This purpose of this page is to display content on the screens that you own.

There are two main ways of viewing your screens:

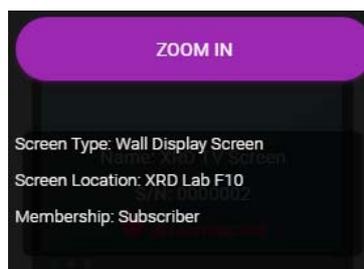
- Toggling Map View on the left will allow you to view the location of your screens on a map.



- Toggling Cluster View on the left will allow you to view a list of your screens.



Each screen shows the connection status. In addition, information is displayed on hover:



- Screen Type: The usage of the screen (configurable by the user)

- Screen Location: The precise room or location of the screen
- Membership: Membership status of the screen unit (e.g Subscriber)

Selecting 'Zoom in' will allow you to configure the unit (see the "Zoom in" section for your screen type).

Screen Types

There are two major MoxyTouch screen types.

- Presentation Screen: Non-interactive display. An auto-rolling presentation.
 - o These can include wall-mounted displays and free-standing displays.
- Kiosk Touch Screen: Interactive display. Used with touch-screen monitors so that users can interact with the application.

Zoom In – Presentation Screens

Navigation:

MoxyTouch > MoxyTouch Single Screen > Zoom In (on a specific screen)

Zoom In allows you to view and change what is being displayed on a specific screen.

Example screen (preview):



After selecting Zoom In, you will be able to view and change what is being displayed on the screen.

The main sections here are as explained:

Information section

PRESENTATION SCREEN INFORMATION

RETURN

Screen Name

XRD TV Screen

Moxy Unit Serial Number

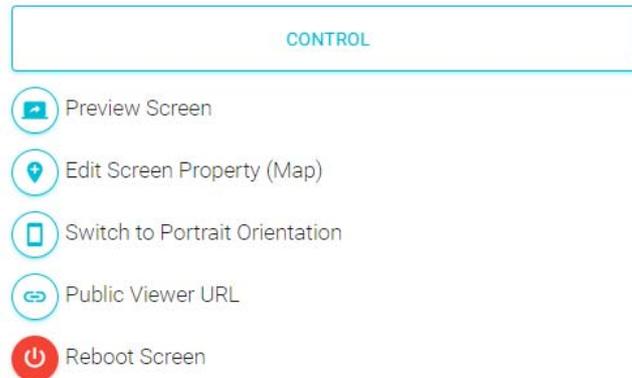
0000002

Screen Type

Wall Display Screen

Contains information about this particular unit. From here, you can see your MoxyTouch Unit Serial Number (the unique ID of the MoxyTouch screen unit).

Control section



Provides administrative functions, as follows:

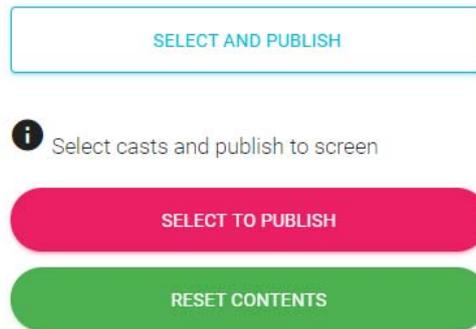
- Preview Screen: Previews what is being displayed on the screen from your browser.
- Edit Screen Property: Edit screen name, type, location and city, and toggle date visibility. Also allows you to edit the map location (see Screen Map Location section of this manual)
- Switch to Portrait/Landscape Orientation: Toggles the orientation of the screen.
- Public Viewer URL: Generates a temporary URL that can be sent to anybody, which previews what is being displayed on the screen. The link will last for up to 10 days, and can be turned off at any time.
- Reboot Screen: Restarts the MoxyTouch screen unit attached to the screen.

MoxyTouch Group section

Refer to the 'MoxyTouch Group' section of this manual.

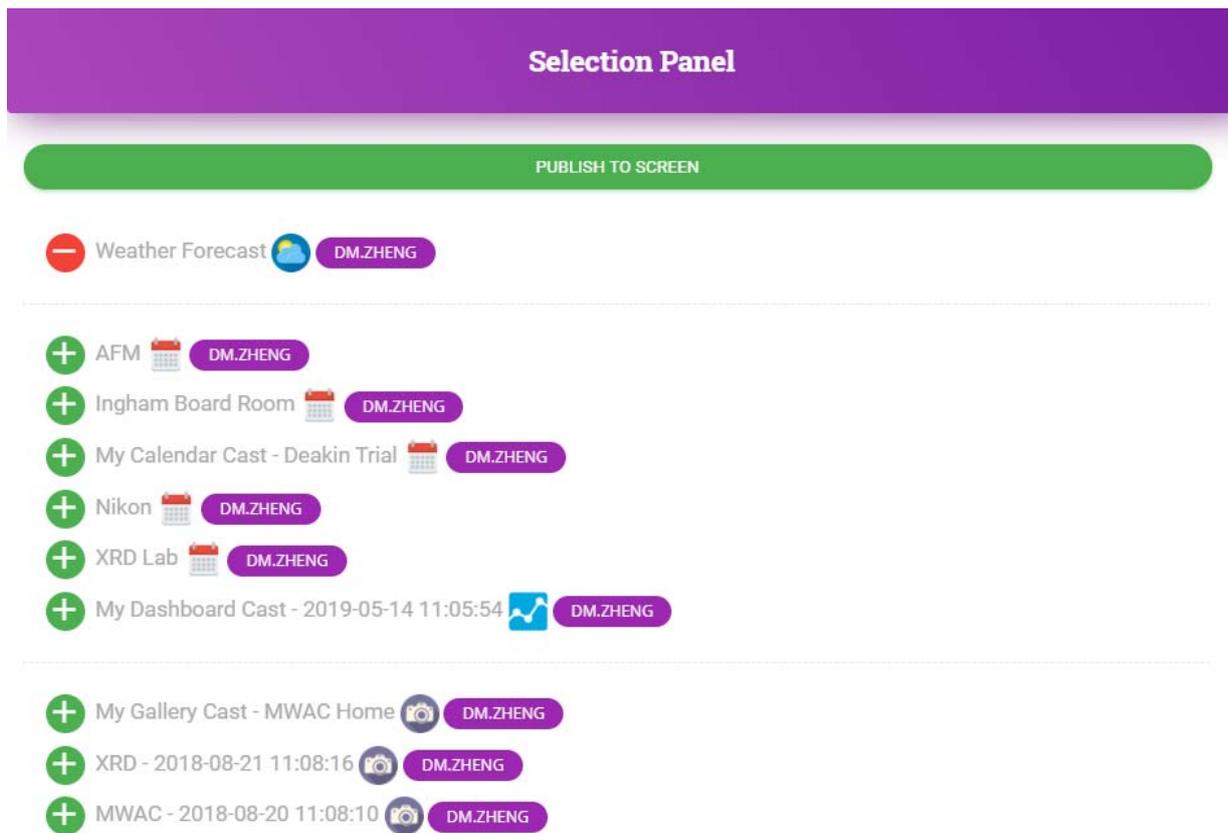
Select and Publish section

This section lets you choose which casts/content to display on the screen.



The selection panel shows your casts, and you may select any number of them to display on your screen:

- The weather forecast
- Calendars
- Dashboards
- Analytics
- Image carousel casts
- Files from your doc containers, and files from shared doc containers
- Files from your image containers, and files from shared image containers
- Files from your video containers, and files from shared video containers
- Files from your web containers, and files from shared web containers



Every file here is treated as a cast. The screen will rotate through each cast that you have selected.

Files that you own are marked with your username in purple. Files that other users have shared with you are marked with their username in grey.

Once finished, click "Publish To Screen" to update the screen with the chosen cast selection.

Drag and Drop section

Where you choose which order the casts are shown on the screen. This section displays the casts you have chosen. This allows you to rearrange the order that the casts are being displayed in using drag and drop. Once you have determined the order you wish the casts to be displayed in, click "Publish Screen" to update the screen with the chosen order.

DRAG AND DROP

i Drag and drop to change cast order, publish to screen



Cast:weather?labcast.weather.50f088115f4d4efd45ac5cd805e4b6a



Cast:UNSW a Global Top 50 University.mp4?
labcast.video.1053fb9b1f15f7ea7f6c2bfa1c21d55f



Cast:MWAC?labcast.web.95fd3130f1c55c11fedf520bc52e8a81

PUBLISH TO SCREEN

Example:

To cast 5 documents to a screen:

MoxyTouch > MoxyTouch Single Screen > Zoom In (on a specific screen)

- In the 'Select and Publish' section, click 'Select to Publish'
- Select the 5 documents and press "Publish To Screen"
- In the 'Drag and Drop' section, drag and drop the casts to the desired display order, and press "Publish To Screen"

The screen will now display a rotating showcase of the 5 selected documents.

Zoom In – Kiosk Touch Screens

Navigation:

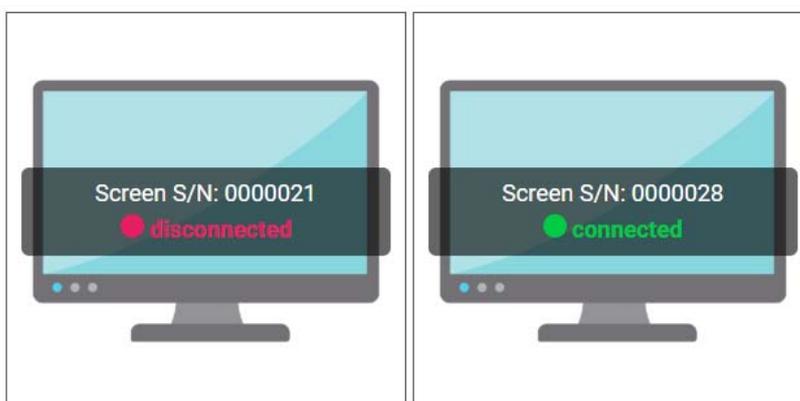
MoxyTouch > MoxyTouch Single Screen > Zoom In (on a specific screen)

Zoom In allows you to view and change what is being displayed on a specific screen. This section is for screens with type 'Kiosk'.

Example kiosk (preview):



Kiosk Screens



After selecting Zoom In, you will be able to view and change what is being displayed on the screen.

The main sections are as explained:

Information section

Contains information about this particular unit.

The screenshot shows a user interface for 'KIOSK TOUCH SCREEN INFORMATION'. At the top is a purple-bordered box containing the text 'KIOSK TOUCH SCREEN INFORMATION'. Below this is a large, rounded cyan button labeled 'RETURN'. Underneath the button are three input fields, each with a label and a value: 'Screen Name' with the value 'QUT', 'Moxy Unit Serial Number' with the value '0000008', and 'Screen Type' with the value 'Kiosk Touch Screen'.

Control section

The screenshot shows a user interface for the 'CONTROL' section. At the top is a purple-bordered box containing the text 'CONTROL'. Below this are five circular icons, each with a corresponding label: a monitor icon for 'Preview Screen', a location pin icon for 'Edit Screen Property (Map)', a landscape orientation icon for 'Switch to Landscape Orientation', a link icon for 'Public Viewer URL', and a power icon for 'Reboot Screen'.

Provides administrative functions, as follows:

- Preview Screen: Previews what is being displayed on the screen from your browser.

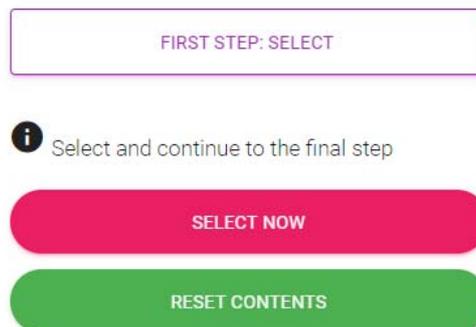
- Edit Screen Property: Edit screen name, type, location and city, and toggle date visibility. Also allows you to edit the map location (see Screen Map Location section of this manual)
- Switch to Portrait/Landscape Orientation: Toggles the orientation of the screen.
- Public Viewer URL: Generates a temporary URL that can be sent to anybody, which previews what is being displayed on the screen. The link will last for up to 10 days, and can be turned off at any time.
- Reboot Screen: Restarts the Moxy screen unit attached to the screen.

MoxyTouch Group section

Refer to the 'MoxyTouch Group' section of this manual.

Select section

This section lets you choose which casts/content to display on the screen.

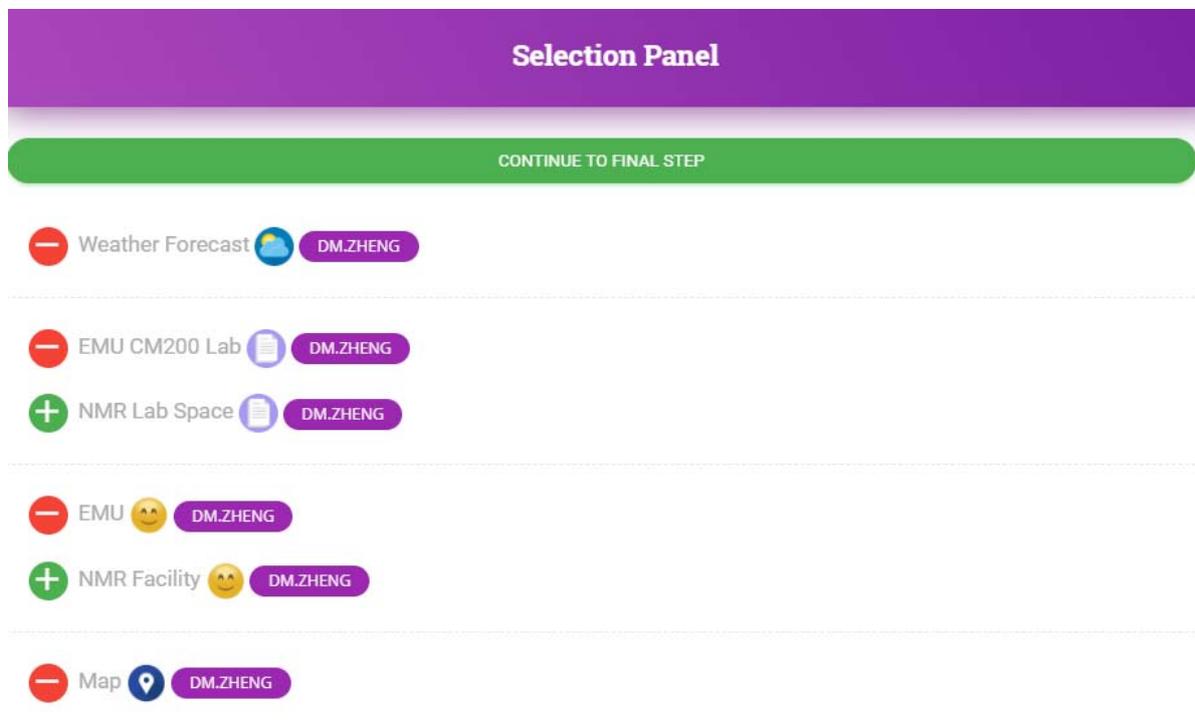


The selection panel shows your casts, and may select any number of them to display on your screen:

- The weather forecast
- Widgets; Some examples include
 - o Consumable QR Widget
 - o Resource QR Widget
 - o Dashboard Widget
- Calendars

- Dashboards
- Analytics
- Image carousel casts
- Files from your doc containers, and files from shared doc containers
- Files from your image containers, and files from shared image containers
- Files from your video containers, and files from shared video containers
- Files from your web containers, and files from shared web containers

Note that unlike a presentation screen, the kiosk screen can display widgets from the Widget Container.



Files that you own are marked with your username in purple. Files that other users have shared with you are marked with their username in grey.

Once finished, click "Continue to Final Step".

Final Step section

This section configures the kiosk. You can select different options such as color theme, and you can provide body text for the kiosk.

FINAL STEP: COMPLETE FORM, PUBLISH TO SCREEN

Kiosk Title...

Mark Wainwright Analytical Centre

Kiosk Body Text...

B
I
U

A
▼
roboto ▼
16 ▼

T1 ▼

Below the configuration options are the titles given to each button. Each button on the kiosk page comes from what was chosen in the 'Select' section to the left. When finished, click 'Publish to Screen'.

Tile Button Name: BRIL Banner 16-9.pdf
BRIL Banner

Tile Button Name: IMC 19 - 720p.mp4
IMC 19 Video

Tile Button Name: Leica TCS SP5 WLL STED
Leica TCS SP5 WLL STED

Tile Button Name: MWAC Experts
MWAC Experts

Tile Button Name: Ingham Board Room
Board Room Bookings

PUBLISH TO SCREEN

Ensure the correct content is displayed by going to Preview Screen and seeing the results.

Publish to Multiple Screens at Once

Navigation:

MoxyTouch > MoxyTouch Multi-Screen Group

This page allows users to have multiple screens displaying the exact same content.

Selecting "Add Concurrent Screen Group" will allow you to create a group of screens that mirror the same content.

A primary screen is the screen that determines what will be displayed on the other screens. There is only one primary screen.

A secondary screen will mirror the contents of the primary screen. There can be as many secondary screens as you want.

Screen Group

TEACH LAB

Primary Screen

0000010 - M67, F10, UNSW

Secondary Screens

0000028 - UniLab Rockdale

PRIMARY SCREEN CAST PREVIEW

PRIMARY SCREEN CAST DETAILS

PUBLISH TO CONCURRENT SCREENS

DELETE SCREEN GROUP

After creating a screen group, you can choose from the following actions:

- Primary Screen Cast Preview: Preview what is being displayed on the primary screen

- Primary Screen Cast Details: View information about what is being displayed on the primary screen. You also have the option to Zoom In on the primary screen.
- Publish To Concurrent Screens or Stop Publish: Begin or end publishing to a screen.

Screen Map Location

This is located in the control panel of a screen's zoom-in page.

Each Moxy screen unit will be delivered with a rough location estimate. Units do not have GPS systems. If you wish to set a more precise location, this button enables you to select a map location to identify the exact location of your screen.

This location determines the location for the weather forecast. It also serves for easy identification of units based on location.



MoxyTouch Groups

Navigation: MoxyTouch > MoxyTouch Group

The MoxyTouch Groups feature allows for all of your screens to be managed directly by other peers or colleagues. By adding users to this group, you are sharing your ownership of every device with those users. This is particularly

useful when you are unavailable or on leave, and you need somebody else to update the contents on your screens.

Once the user has accepted the invitation, they will be able to interact and manage your screen units.

There are various different roles that can be assigned while adding members to the group, in order to dictate what permissions are available. These roles are 'Subscriber', 'Associate Subscriber' and 'Member'. Their differences are as follows:

| Subscriber | Associate Subscriber | Member |
|---|---|---|
| Original screen owner | Invited by subscriber, or invited by associate subscriber | Invited by subscriber, or invited by associate subscriber |
| Can share desktop access with anyone | Can share desktop access with anyone | Cannot share access |
| Can cancel or revoke desktop access to anyone | Can cancel or revoke desktop access to anyone except the subscriber | Cannot cancel or revoke access |

Groups are named by the subscriber's email address and name. You can invite people based on your current permissions.

Invite users to join the subscriber group - [REDACTED]

Email Address

User Role:

- Associate Subscriber (can set up his own group)
- Member (cannot set up his own group)

SEND INVITE

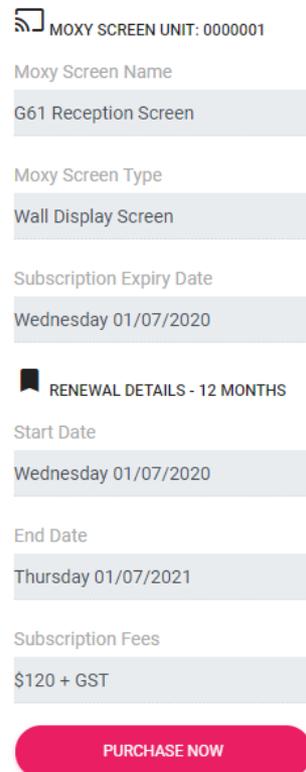
MEMBERS

The right panel will display users who have pending invites, and users who have accepted invites. You may choose to revoke permissions from any user in this section.

MoxyTouch Unit Subscriptions

Subscriptions for a MoxyTouch Screen Unit can be managed in 'My Subscription', in the Account section. For MoxyTouch app subscriptions, see "MoxyTouch App Licensing and Subscriptions".

This section will list all owned screen units and their subscription period. Information about the renewal period is also displayed.



MOXY SCREEN UNIT: 0000001

Moxy Screen Name
G61 Reception Screen

Moxy Screen Type
Wall Display Screen

Subscription Expiry Date
Wednesday 01/07/2020

RENEWAL DETAILS - 12 MONTHS

Start Date
Wednesday 01/07/2020

End Date
Thursday 01/07/2021

Subscription Fees
\$120 + GST

PURCHASE NOW

Payment is securely carried out with PayPal.

Order history can be viewed by pressing 'Order History' on the right of this page.

MoxyTouch App Licensing and Subscriptions

For MoxyTouch Unit subscriptions, see “MoxyTouch Unit Subscriptions”.

To use the MoxyTouch app, you will need a valid license key. To request a license key, navigate to Account > MoxyTouch App License and submit a license request.

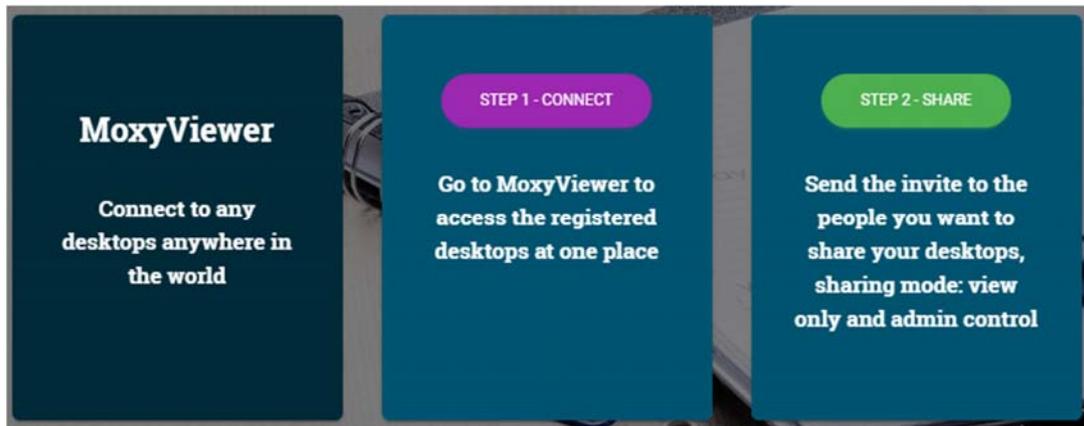
A 2 month trial period will be granted upon the first request. Further use beyond this trial period will require payment.

Renewal of the license key can be carried out securely through PayPal. Alternatively, if an existing payment method has already been arranged externally, then select “Renew license code by email”. This will renew the license key if you have already paid. Contact support if you wish to use this option.

Section 2: MoxyViewer

MoxyViewer is an application to connect a live computer desktop to either physical or virtual screens. It offers an alternative to the TeamViewer solution for remote access to computer desktops. Furthermore, it offers the unique desktop sharing mechanism.

MoxyViewer provides an alternative to TeamViewer to access a desktop remotely and securely through a web browser. It offers a simple way to share desktops for multiple concurrent access, with no separate ID and Pass required.



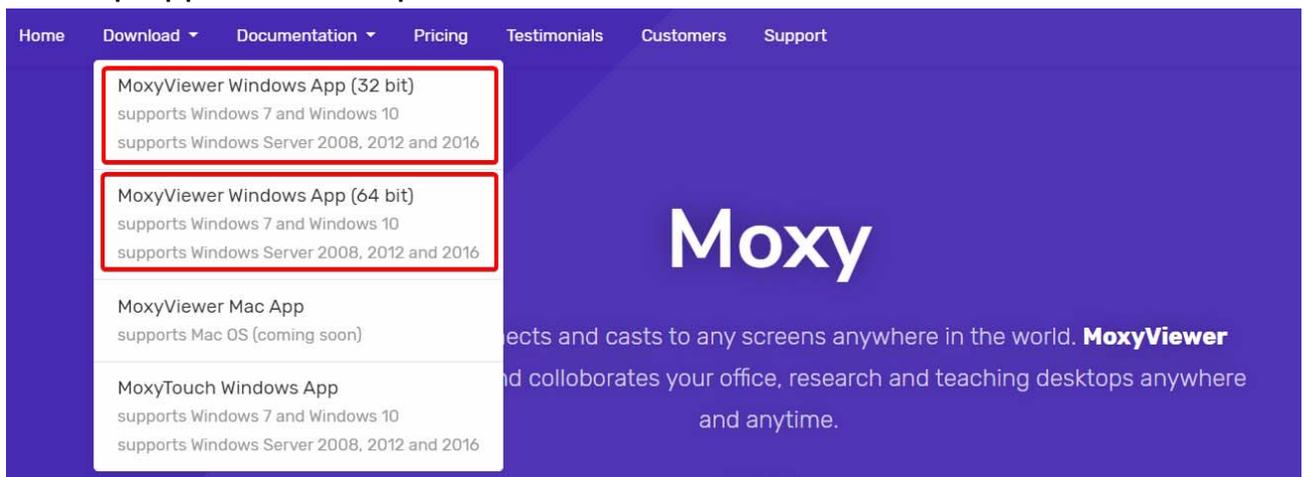
| Features | Description |
|--------------------------|--|
| Intuitive remote control | Use the mouse and keyboard (or touchscreen) in front of you as though you work locally on the remote computer. |
| Desktop ownership | Block chain technology driven ownership entitlement and share, no id and pass for desktop connection. |

| | |
|--|--|
| Share desktops | Simply invite users to share, and revoke the share anytime by the owner, no id and password hassles |
| Install app on host computers? | Yes |
| Install app on client computers? | Not required at all Login to Moxy site to access desktop using internet browsers, supports Chrome, Firefox, Edge, Opera, Safari |
| Security | High for research equipment, https connection, encrypted ownership entitlement. Sending connection email message for each connection to the equipment owners. |
| Cost | Free |
| Access my office computers and servers without going through VPN | Yes, https connection only |
| Cloud connectivity | Yes, automatically brokers cloud connections with desktops wherever they are. |

| People | Benefits |
|-----------------|---|
| Remote officers | Access your officer computers remotely, and be productive wherever you are. |

| | |
|-----------------------|---|
| Research teams | Share, collaborate, train and support each other more efficiently. |
| IT administrators | Support distributed research equipment, improving first call resolution, reducing callouts and increasing uptime. |
| Vendors and suppliers | Enable vendor and suppliers to support lab operation securely and efficiently |

To start, download the MoxyViewer app from the Moxy site. Currently, the MoxyViewer app supports Windows 7 above, 32 bit and 64 bit. The Mac desktop app is in development.



Register Desktops

Why do you need to register desktops? Desktop registration is to establish desktop ownership. Upon registration, you will own the desktop and automatically gain desktop access with admin control. Furthermore, you can decide with whom to share with the owned desktops.

The thumb of rule for establishing the ownership of desktops, is whoever first registers the desktop owns it.

MoxyViewer starts here.

 Connect To Moxy Screen

 Connect To Test Centre

Register desktops to set up desktop ownership so you can connect to your desktop from anywhere, anytime.

 Register Desktop

Enter the desktop name (e.g you can name the desktop with the research equipment name) and your email address which you used to sign up Moxy service (if you have not signed up, use the email you will use for the Moxy service).

Register Desktop

DESKTOP NAME...

EMAIL...

CONFIRM EMAIL...

[Register](#)

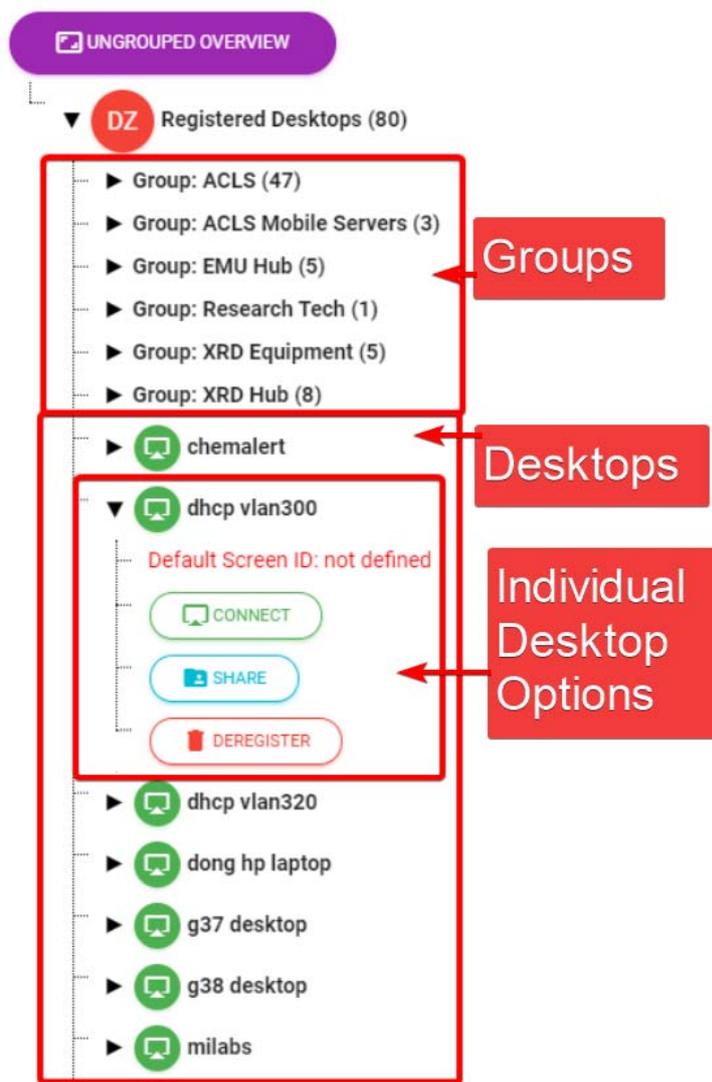
Registered Desktop Management

Upon sign in on the Moxy site, go to MoxyViewer > Registered Desktops to see your list of desktops.

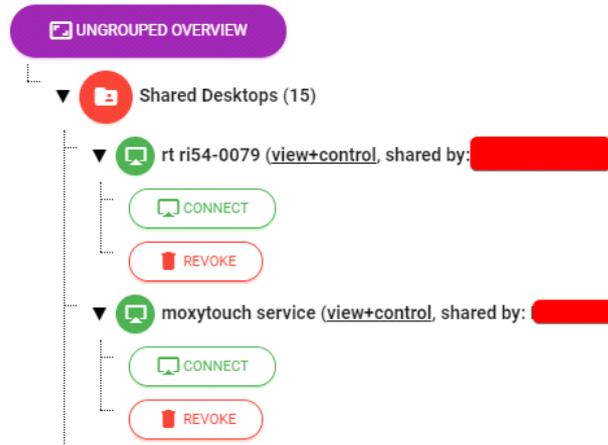
Each screen has some actions associated with it, located by clicking and expanding the dropdown for that desktop name:

- Connect: access the desktop
- Share: share desktops with the other users, or revoke sharing permissions
- Deregister: remove the desktop from registered list and deregister it.

Registered desktop list example:

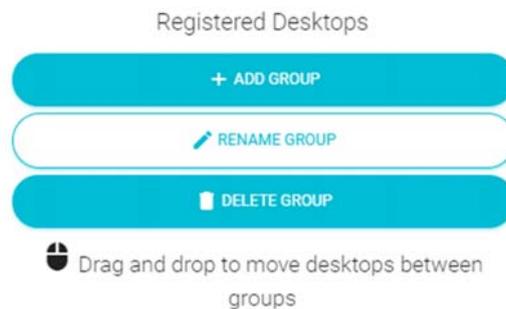


Shared desktop list example:

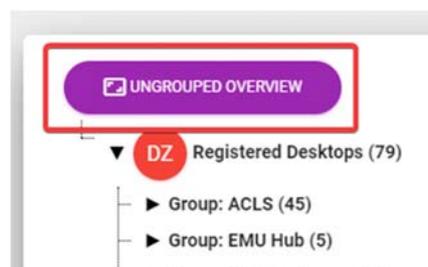


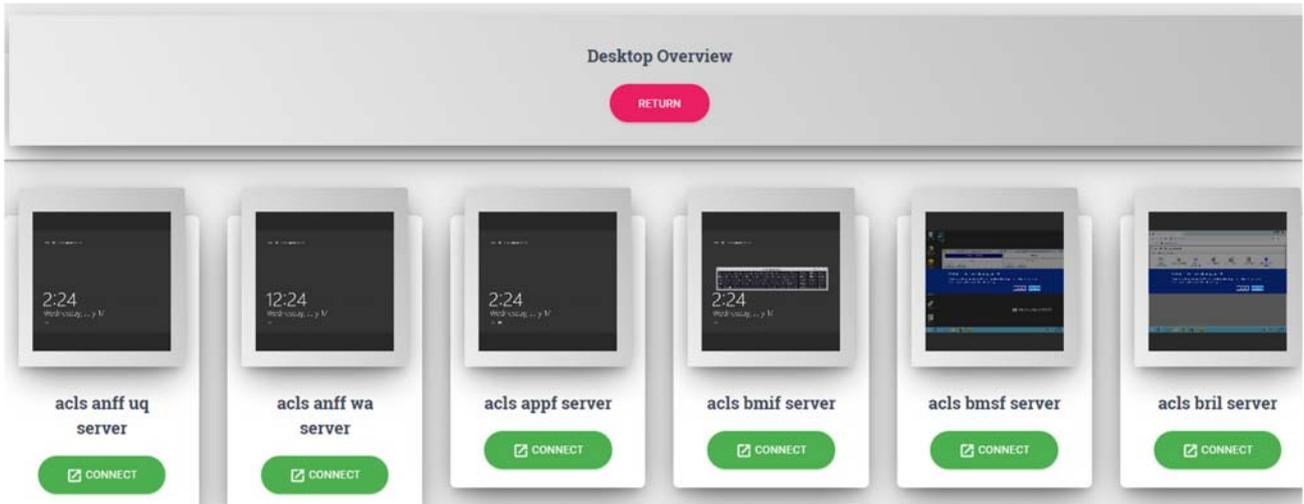
The shared desktop list contains desktops that other users own. They will show up here if they grant you permission to access it.

You can use groups to further organize your desktop list. This allows you to categorize desktops in a folder-like fashion.



Another feature is the Ungrouped Overview button. Clicking the Ungrouped Overview button will switch to a view that shows what every desktop is currently doing. This is a way to easily check up on many desktops all at once.





Accessing and Controlling Desktops

Upon clicking the Connect button, you will access the desktop.

View-Only Mode:

By default, the access mode to any desktops are view-only unless you register the desktop to your ownership.

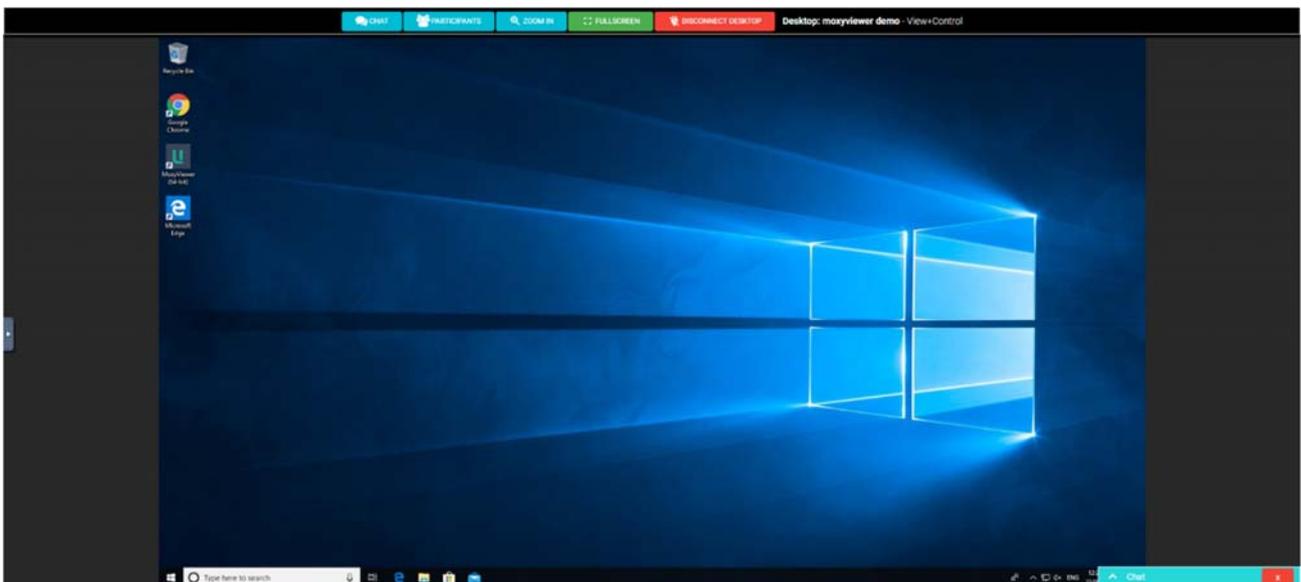


In view-only mode, you can only watch what the desktop is currently doing.

Press 'Disconnect Desktop' to stop viewing the desktop.

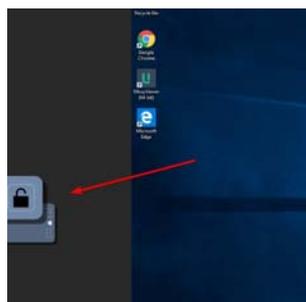
Control Mode:

This is applicable if you are the owner of the desktop, or have been granted control permissions by the owner of the desktop. Admin control mode allows you to control or operate the desktops similar to Windows Remote Desktop Connection or TeamViewer. This means you will be able to click on things and operate the desktop through the web browser as though you were locally present and operating that desktop.



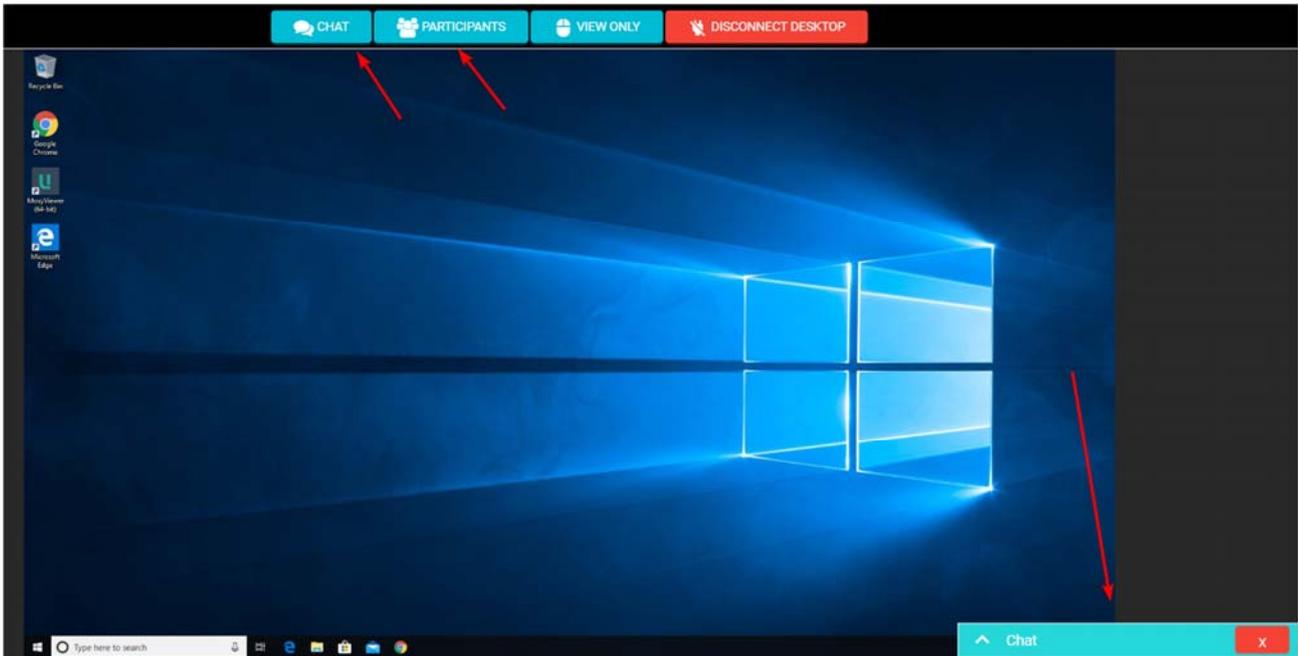
Additionally, you can zoom in and zoom out. To stop remote desktop access, click on Disconnect Desktop button.

Control mode also gains access to a lock button, which brings up the desktop's lock screen menu.

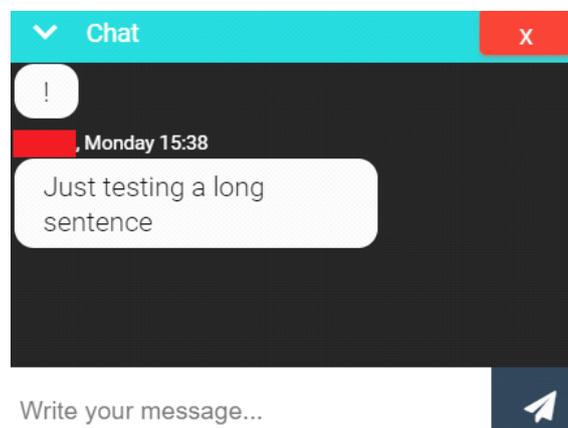


Chat while accessing Desktops

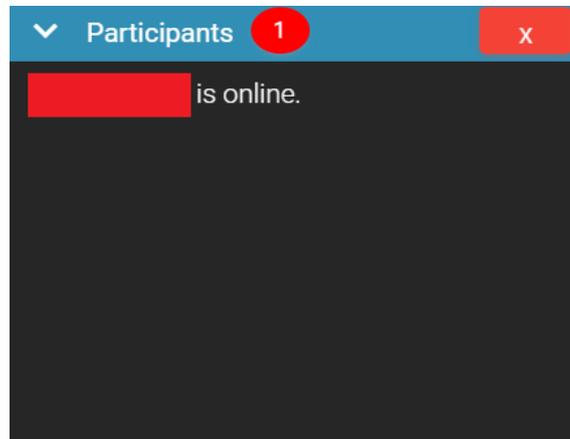
These functions are available for both view-only and control mode.



When you connect to a desktop, you can access a chat window to talk with other users who are also accessing the desktop. This way, you can coordinate actions, or notify the other user of your presence. This is especially useful in coordinating both users so that they are not trying to operate the desktop at the same time. While it is possible for both users to control the desktop in the same instance, it may not be the most productive.



The 'participants' window shows who is currently connected to the desktop. This is useful for knowing who else is watching.



Copy and Paste to/from the Remote Desktop

It is possible to copy and paste to and from your current computer to the remote-access computer. This allows for quick and easy data transfers.

You will be able to copy the clipboard from your current computer to the remote-access computer.

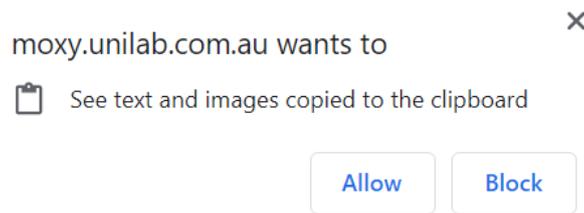
You will also be able to copy the clipboard from the remote-access computer to the local computer.

Windows PC: Ctrl-C to copy and Ctrl-V to paste.

Mac: Command-C to copy and Command-V to paste.

This feature is supported for Chrome and Opera. Operate MoxyViewer through these browsers to utilize this feature.

You will have to grant clipboard permissions to utilize this feature. Press 'Allow' when prompted:



If you have not been prompted and this feature still does not work, you will have to go to your browser settings and enable clipboard permissions.

Note that this feature does not work on password fields for security reasons.

Sharing Desktops

MoxyViewer delivers a powerful way to share remote access to your desktops. MoxyViewer allows you to invite your peers to share desktops, with full admin control over who has access. Sharing access can be controlled with a simple press of a button.

This is unlike TeamViewer, where you have to share your local computer ID and pass so that your peers can access your desktops. To stop your peers from accessing your desktops, you need to change the pass each time and inform the other peers of new pass (and potentially a new ID), which is a hassle to deal with.

You can invite somebody from your registered desktops page.



There are several roles that can be assigned while sharing, in order to dictate what permissions are available. These roles are 'Subscriber', 'Associate Subscriber' and 'Member'. Their differences are as follows:

| Subscriber | Associate Subscriber | Member |
|---|---|--|
| Original desktop owner | Invited by subscriber, or invited by associate subscriber | Invited by subscriber, or invited by associate subscriber |
| Can share desktop access with anyone | Can share desktop access with anyone | Cannot share desktop access |
| Can cancel or revoke desktop access to anyone | Can cancel or revoke desktop access to anyone except the subscriber | Cannot cancel or revoke desktop access |
| Use admin control for the desktop | Use admin control for the desktop | Varies based on invitation - can be admin control, can be view only. |

Example:

James installs and registers MoxyViewer as the subscriber. He invites David as an associate subscriber. David is now allowed to invite the other users as members or associate subscribers.

The working group can be efficiently established and expanded by associate subscribers.

You choose what role to assign when you invite somebody.

Invite users to share

Email Address



Set Expiry Date to Invite (MoxyViewer terminates the invite automatically when the invite is expired)

SEND INVITE TO USER (VIEW ONLY)

SEND INVITE TO USER (VIEW+CONTROL)

SEND INVITE TO ASSOCIATE ADMIN

You can also set an expiry date, so that the desktop sharing permission is automatically revoked after a set period of time. This is useful for granting a person permissions for a specific period e.g. during a business trip.

After inviting, you can manage sharing permissions from the Shared Desktop Charts page.

MoxyViewer > Shared Desktop Charts

Show 100 entries COPY CSV EXCEL PDF PRINT Search: Showing 1 to 67 of 67 entries

| Desktop Name | Shared User Name | Shared User Email | Shared Status | Admin Control | Associate Admin | Expiry Date | ... |
|------------------|------------------|-------------------|---------------|---------------|-----------------|-------------|--------|
| acis bril server | | | PENDING | | | | CANCEL |
| acis cmca server | | | ✓ | ⏻ | ⏻ | | CANCEL |
| acis mcn server | | | ✓ | ⏻ | ⏻ | | CANCEL |

Each user-desktop pair will be displayed as a row.

The Power button icon can be clicked in order to toggle permissions on or off.

This button is present in the Admin Control category and Associate Admin category.

The cancel button will revoke sharing permissions with that user.

In addition, the Shared Status entry indicates whether or not the user has accepted the invite, and the expiry date entry indicates when the permission will be revoked. If blank, then there is no expiry date.

Test Centre

The 'Connect To Test Centre' button will set up a test connection with your own desktop, to ensure that moxy functionality is working. If you see your desktop mirrored in the preview window, then the application is functioning correctly.

The restart button will bring you back to the landing page.

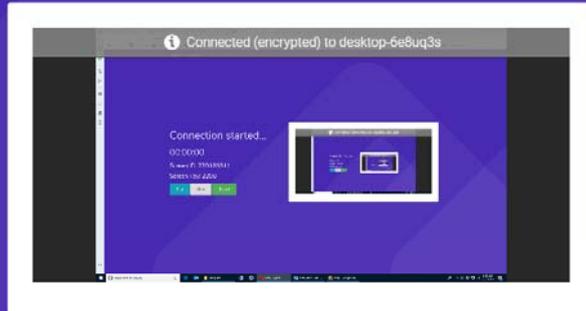
Connection started...

00:00:00

Screen ID: 239169311

Screen Key: 2206

Play Stop Restart



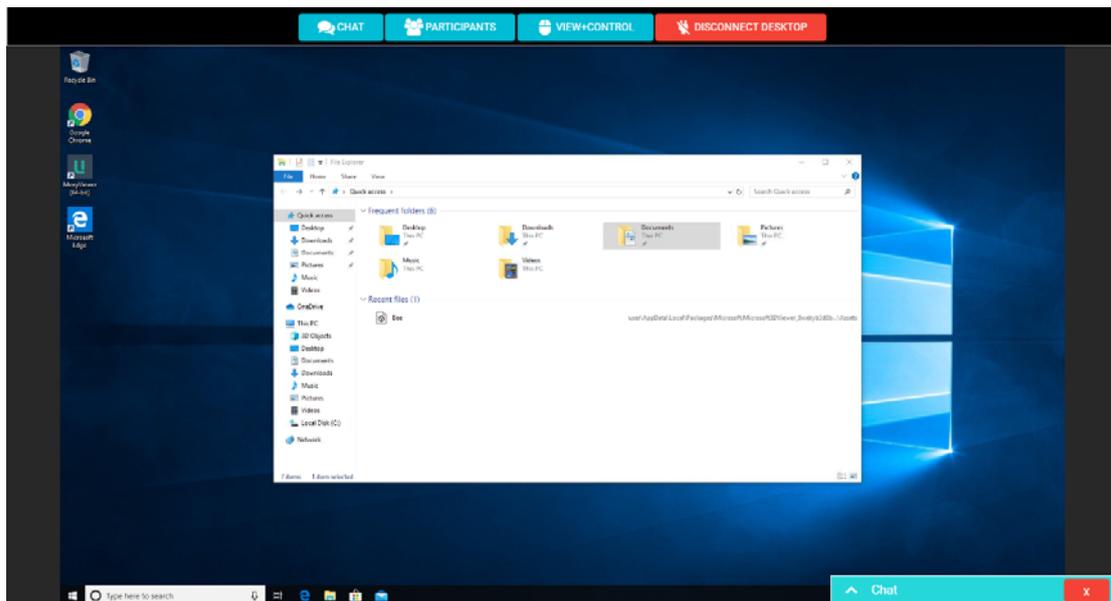
Section 3: Showcase

When logged in, the header has a section named 'showcase' which features a working demo for MoxyViewer and MoxyTouch. Take a look at these if you want to understand how either of these tools work.



MoxyViewer Showcase

The MoxyViewer showcase allows you to connect to a demo desktop as a viewer. Through this, you can understand the basics of controlling a desktop, even if you do not have a currently registered desktop.



Press "Disconnect Desktop" to end the demo.
See Section 2: MoxyViewer for more details on controlling the desktop.

MoxyTouch Showcase

The MoxyTouch showcase displays an example of a user-customized kiosk. This should give you an idea of what sort of kiosk a user is capable of creating, as well as the functionality of such a kiosk.

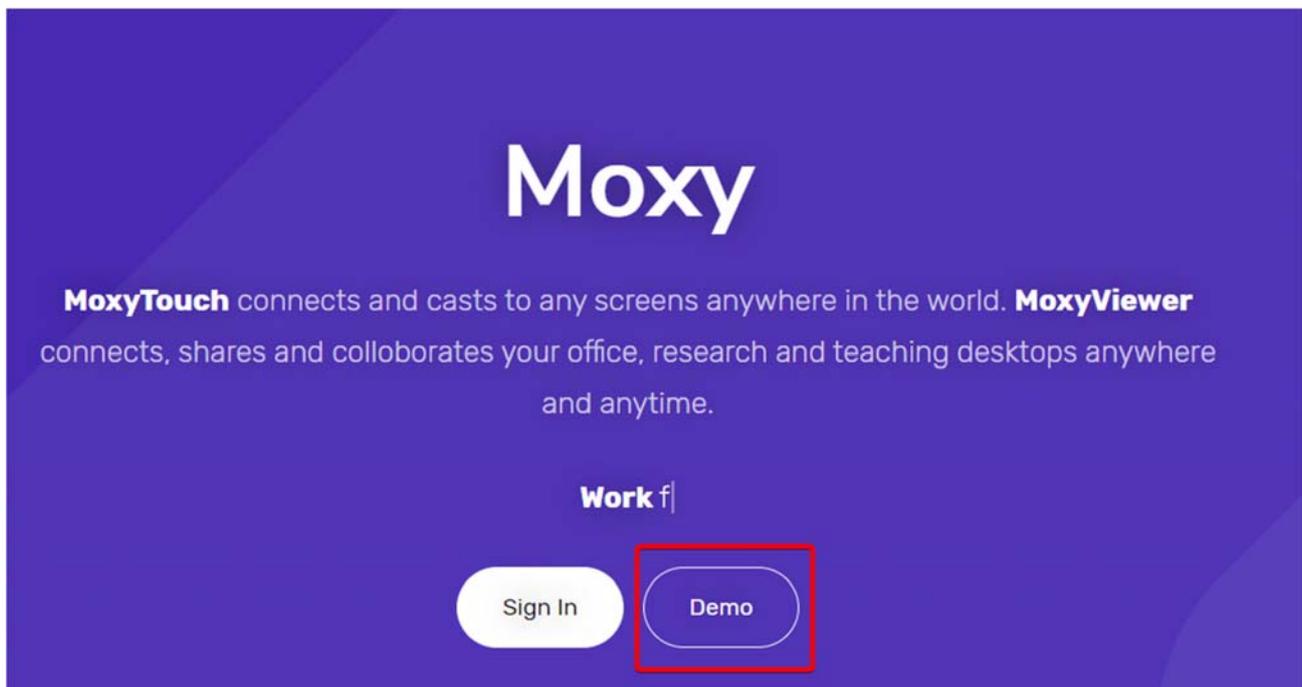
You are also able to interact with the kiosk, so you can see what the interactive experience will look like. Feel free to interact with the demo as much as you want.



See Section 1: MoxyTouch for more details on customizing a kiosk.

Public Demo (Alternate Access to Showcase)

The showcase can also be accessed from the home page. This is an alternate access method that doesn't involve creating an account.



To access the showcase, you need to provide an email address. A one-time access code will be sent to the email address. This email address does not have to be an existing Moxy account.

When accessing the showcase with this method, not all functions are available. To access full functionality, create an account and access the showcase through the main website.

Section 4: FAQ

What is storage space quota?

Each user has 5GB container space for data storage.

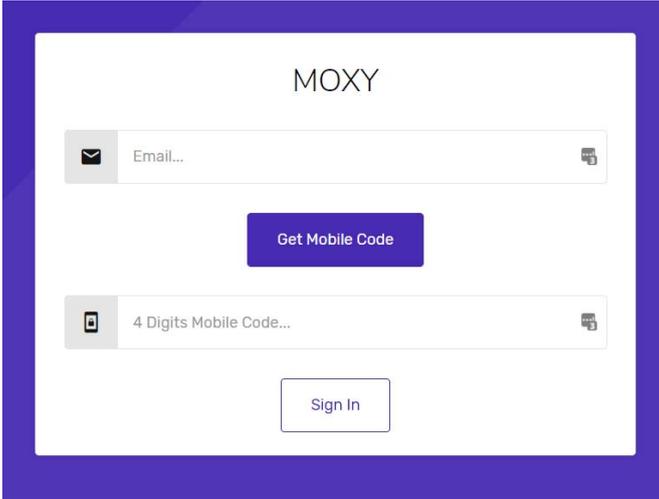
Why is a Moxy screen disconnected?

Possible reasons can include:

- No power to the moxy screen unit (Check the power source, e.g powered off screen)
- No internet connection
- Moxy screen unit is broken

How can I sign in if I forgot my password?

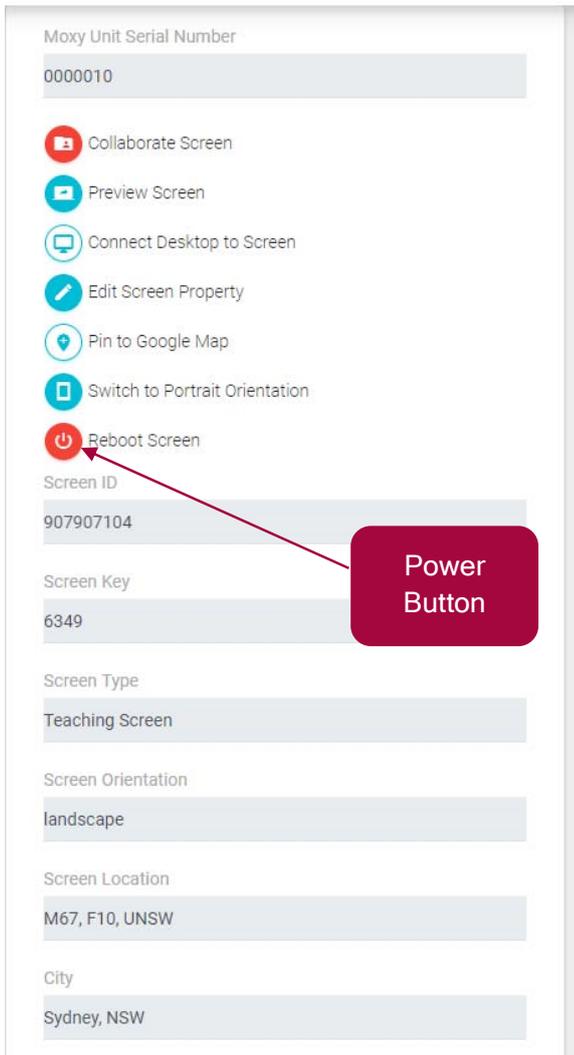
You can sign in with your mobile phone. Enter your registered email address, and Moxy sends you an access code.



The screenshot shows the MOXY mobile sign-in interface. At the top, the word "MOXY" is displayed. Below it is a text input field with an envelope icon on the left and a copy icon on the right, containing the placeholder text "Email...". Underneath this field is a blue button labeled "Get Mobile Code". Below the button is another text input field with a mobile phone icon on the left and a copy icon on the right, containing the placeholder text "4 Digits Mobile Code...". At the bottom of the form is a white button labeled "Sign In". The entire form is enclosed in a thick purple border.

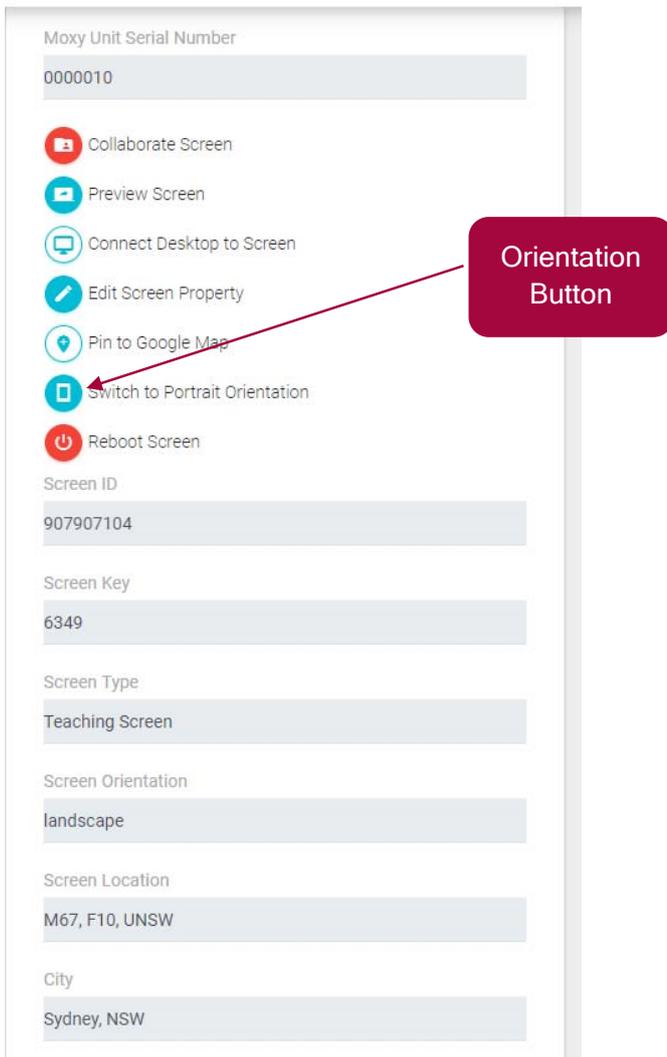
Can I reboot the Moxy screen?

Yes. Go to MoxyTouch > MoxyTouch Single Screen, a power button is available after you select Zoom In.



Can I change the Moxy screen orientation from landscape to portrait (vertical)?

Yes. Go to MoxyTouch > MoxyTouch Single Screen, an orientation button is available after you select Zoom In.



Can I share my Labcast calendar with the other users?

No. Other users can go to ACLS to create their own Labcast calendars.

How can I install MoxyViewer to my Windows desktop?

First, download MoxyViewer app from Moxy site. For 32 bit Windows OS, download the 32 bit app. For 64 bit Windows OS, download either 32 bit or 64 bit MoxyViewer app.

There are two operation modes for MoxyViewer: service mode and application mode. You can do hot switching between two modes. By default, MoxyViewer app runs as service mode. The major difference between service mode and application mode is that:

- For application mode, you must login to Windows account to execute the MoxyViewer app to start MoxyViewer.
- For service mode, MoxyViewer starts by itself after rebooting desktops. No further actions are required.

Section 5: Moxy Support

We welcome your feedback. Should you encounter any issues or need any assistance, please contact Moxy support at support@unilab.com.au.