

# MAC Modiface Dashboard Documentation



## MAC Modiface Dashboard Documentation

### Table of Contents

- MAC Modiface Dashboard Documentation
- Overview
  - Introduction
  - Example Visuals
    - Mobile Application Attract Screen
    - Dashboard Web Application Top Header Bar
    - Dashboard Web Application Store Table View – Example
  - Summary
- User Guide
  - Signing In
  - Sections
    - Tooltips
  - Stores
    - Panels
      - Reorder Panels Via Drag & Drop
        - Panel Order: 1, 2, 3
        - Order: 1, 3, 2
    - Store Dashboard
      - Columns
        - Store Table Sort by Column
        - Store Table Filter
      - Controls Panel
        - Controls Alert
        - Controls Messages
        - Controls Table
        - Controls Expand / Collapse
      - Device Dashboard Info & Control

- Info (non-configurable)
- Device Info (configurable)
- Modify Display Order
- Messages
- Profile
  - Xcommands (user)
    - help
    - tips
    - [BLANK]
    - theme
- Admin Guide
  - Sections
    - Help (admin)
    - Stores
      - Store Dashboard
        - Controls Panel
          - Controls Configure
        - Device Dashboard Info & Control
          - dashboard
          - device
          - Alert
          - Opacity
        - Store Configuration
        - Alert on All Devices in a Store
        - Store Dashboard Controls
          - clear current device list
          - delete messages
          - reset store flag count
    - Profile
      - Xcommands (admin)
  - SuperAdmin Guide
    - SuperAdmin Store Controls
      - Delete Store Permanently
    - Profile
      - Xcommands (superadmin)
        - Stores
          - Stores With Tags
        - Users
          - Users with tag
          - Set User View Store Tags
        - Addstore
        - Unregistered
  - Server Management Guide
    - Overview
    - Firebase
      - Real-time Database
        - Access Control
          - User Authentication
          - ACL
            - 4 ACL settings are
          - Rules
        - Database
        - Remote Config
      - Device Information Service
        - GDI Service
        - Database
          - Application launching
            - Use of Camera
            - Interaction Before Authorization Verification
            - Unable to Verify Authorization
          - Authentication
    - FAQs
      - User FAQ
      - Admin FAQ
    - End Notes
      - Application and Documentation Information

# Overview

▼ Overview

## Introduction

The **MAC Modiface Device Status Dashboard** is intended to provide real-time data and information pertaining to the MAC Modiface mobile application and also provide some level of device management. The dashboard displays items snapshot of the state of the application and application environment at any particular moment-in-time. The dashboard is one of many components that when used together can provide a comprehensive view of the mobile application state. The dashboard does not attempt to supplant any other component and is intended to work in addition and in conjunction with analytics events, application environment logging and any other component that is part of the mobile app ecosystem. For instance, events within the mobile app may lead to any one, combination or none of the following actions: an analytics event, an application event log message or data input into the dashboard.

Examples of types of data/information show/updated in real-time grouped by store (while device is online):

Current application state, online/offline status, primary KPI count, last user interaction with application time, application version, content version and other items.

Examples of types of data/information NOT intended to be shown:

Historical versions of any of the values or data.

Additionally, the information/data values and counts are designed to be cleared at any time such as start of day, start of week, start of month, start of campaign, etc. There is no data protection against clearing/resetting values and there is no process to recover historical values, configurations or settings. The dashboard is meant only to be a real-time glimpse into the current mobile application environment state.

This manual covers the MAC Modiface real-time monitoring dashboard and does not cover use of the mobile application itself.

## Example Visuals

### Mobile Application Attract Screen

The mobile application runs on an iPad Pro with a 12.9" screen size. The mobile application will not adjust its layout to work on a smaller screen size.

When the application is launched, it will go to an "Attract Screen" with graphics, a shade behind the graphics and a live camera feed behind that. When there is user interaction with the attract screen, the application will go to the virtual try on section.

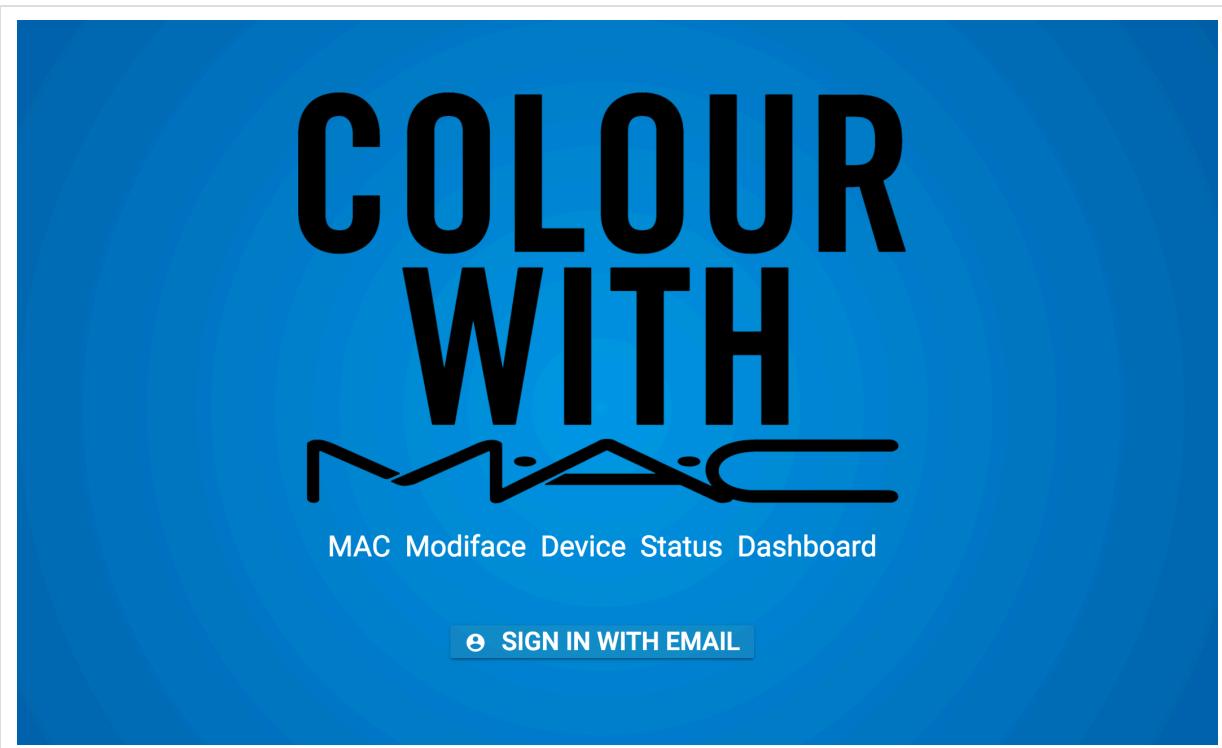


## Mobile Application Virtual Try-On Screen

The virtual try on screen uses a Modiface module to pull in products and allow for a live virtual try on experience. This section of the application is reached by interacting with the attract screen (either touching the screen or if automatic face detection is on and a face is successfully detected).



## Dashboard Web Application Launch Screen



The MAC Modiface Device Status Dashboard is available at the following URL: <https://mac-modiface-c4d8f.firebaseio.com/>

(Note: this URL will be changed... to something more appealing)

The web dashboard was designed for and is intended to be used by a modern desktop browser and although it may be used via a browser on a mobile device, some features are not available such as tooltips and drag & drop. The application has been tested with various devices and layouts such as desktop, iPad and iPhone both with portrait and landscape use. If there is an issue with screen layout, the application will either resize to fit or allow scrolling/panning (ie: table/chart views) as appropriate.

## Dashboard Web Application Top Header Bar

After signing into the web application, the top of the screen header will show the name of the application, an **avatar** from the user's profile (if available) and various dashboard sections such as **Stores** and **Help**. The colors below (and used in this manual) are from the "blue" theme and different colors may be set as a default (such as a black/grey theme, etc.).



## Dashboard Web Application Store Table View – Example

The primary view is a single store with a table that updates in real-time showing data/information associated with devices that are associated with that particular store.

A screenshot of the MAC Modiface Device Dashboard store table view for "Test store #1". The table shows three devices: iPadNew, 111222, and 111223. The table includes columns for #, Device, Status, Uses, Online, ADNI, Last Activity, Last Online, A Version, C Version, and Friendly Name. The "Online" column contains green checkmarks for all devices. The "Friendly Name" column shows "testing ipad" for iPadNew and "aa22" for 111223. The table has a light blue header and white rows.

## Summary

The real-time monitoring dashboard provides a glimpse into the current state of the environment for the MAC Modiface mobile application as well as some ability to manage devices. The rest of this manual will elaborate on the various components of the web application and also provide details on the infrastructure supporting the web application.

## User Guide

### User Guide

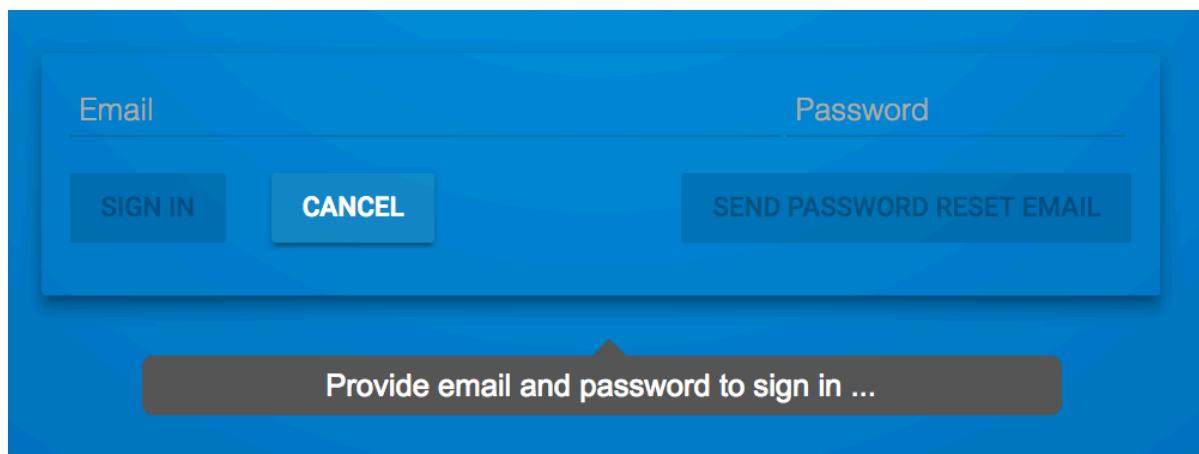
## Signing In

The web application requires authentication to access and use. This is accomplished by signing in using the methods provided, such as with an e-mail address and associated password.

The following screen shows the "**SIGN IN WITH EMAIL**" button available on the web application initial screen as well as a tooltip that is displayed when a mouse pointer enters the region around the button.



When the button is selected, that area of the screen will change to an email/password sign in form. Again, in the following image, there is a tooltip shown. It is also possible to self-manage accounts via this screen and the "SEND PASSWORD RESET EMAIL" button – however, this only works for email addresses that have previously been enabled in the system.



## Sections

Upon successful authentication via signing in, the dashboard will show the main screen view showing top header and navigation area, user profile avatar and panels for any stores that the account is authorized to see.



## Help

The help section provides basic help and a type of quick reference or "Cheat Sheet" for using the application.

The screenshot shows the 'Help' section of the MAC Modiface Device Dashboard. At the top, there's a navigation bar with the title 'MAC Modiface Device Dashboard' and icons for 'STORES' and 'HELP'. Below the title, the word 'Help' is highlighted in blue. The main content area has a light blue background and contains several sections:

- Overview**: A brief introduction stating that the dashboard provides real-time information and control of devices running the MAC Modiface application. It links to the 'MAC Modiface Real-Time Dashboard Manual'.
- Stores**: Describes store dashboards as devices grouped by store with real-time status information and device control. It includes a legend for icons:
  - Flag store (shows "red" alert status, use message area to discuss).
  - Message area associated to this store panel (ie: to discuss flag or other issues).
  - Display real-time information about devices associated with this store.
  - "Close" panel back to panel shade. Drag/Drop shades/panels to re-order.
  - "Open" shade to show dashboard panel. Drag/Drop shades/panels to re-order.
- Help**: A section for user support, linking to the 'MAC Modiface Real-Time Dashboard Manual'.
- Avatar**: Information about user profile, log out, and dashboard commands (Xcommands). It lists Xcommands:
  - [BLANK] or empty input clears all command settings (ie: disable tooltips)
  - tips – Enable tooltips.
  - help – Show help panel.

## Toolips

Tooltips should be provided by default and will remain enabled until they are explicitly turned off.

The screenshot shows the 'STORES' section of the MAC Modiface Device Dashboard. The title 'MAC Modiface Device Dashboard' is at the top, followed by 'STORES' and 'HELP' buttons. Below the title, a large button labeled 'DISPLAY STORE MONITOR PANELS' is visible. The main content area shows a single store panel for 'Test store #1' with a blue header. The panel displays the store title 'Test store #1', its group 'Group: 1111', and a status message: 'Shows total active alerts for this store.' It also includes a toggle switch for alerts ('Toggle your alert for this store. Your alert toggle status is: OFF') and three small icons: a red alert icon, a green message icon, and a blue bar chart icon.

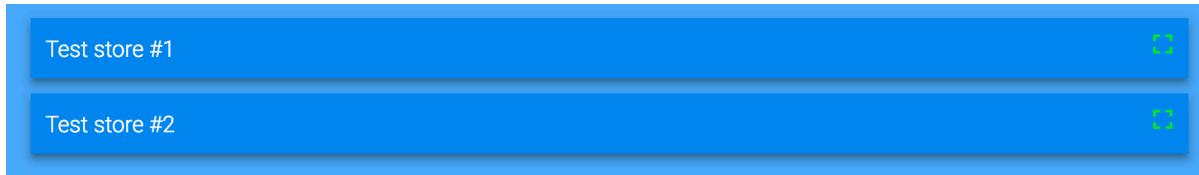
## Stores

Stores are identified by a store title on the panels. Each store has an associated store ID which may be anything, but is probably a standard value such as a door ID value.

## Panels

Panels represent a store. When they are closed, as shown below, the store title is shown at the left of the panel and the "expand" button at the right shows the status of that particular store. Green means the dashboard considers the state as "good" and red means there are some

issues, whether it's a device issue or an instance of an alert for that store or something else.



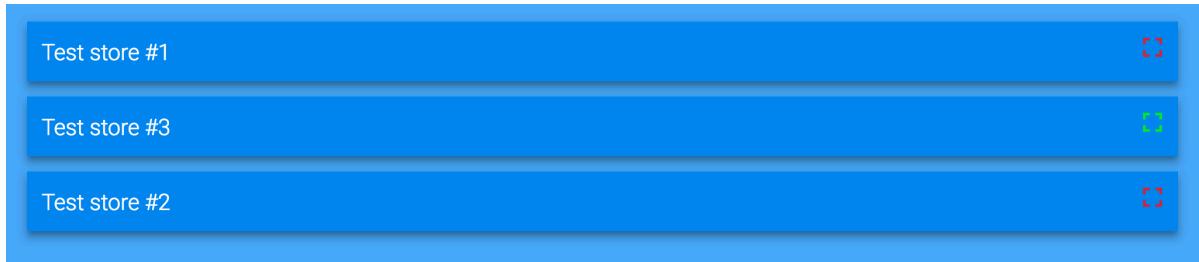
### Reorder Panels Via Drag & Drop

Panels may be re-ordered via drag and drop when using a mouse. This functionality is not available when using the dashboard via a browser on a mobile device. The order of the panels will be saved after each re-order operation and will be available immediately on all dashboards where this particular user has signed in (including mobile).

#### *Panel Order: 1, 2, 3*



#### *Order: 1, 3, 2*



### Store Dashboard

Devices are authorized to run the MAC Modiface application by assigning a store ID to the device in a management system outside of the dashboard. A store will start with no devices shown and device will appear the first time the MAC Modiface application is run and the device can connect to the dashboard service. Stores may have all devices cleared (at once) so it is possible to not see all devices in a store if a device hasn't connected to the dashboard after all devices for the store were cleared. A store does not have a value for how many devices are expected to be present for the store.

The store panel below is "open" and the device table is shown. Values in the table may update in real-time.

The screenshot shows a dashboard titled "Test store #1". At the top, there is a search bar with the placeholder "Group: 1111" and a dropdown menu set to "Online true / false". Below the search bar is a table with the following columns: #, Device, Status, Uses, Online, ADNI, Last Activity, Last Online, A Version, C Version, and Friendly Name. The table contains three rows of data:

#	Device	Status	Uses	Online	ADNI	Last Activity	Last Online	A Version	C Version	Friendly Name
1	iPadNew	launch alert	5	✓	4	06/15/2017 19:04:11	06/15/2017 16:08:19	1.1.4	unknown	testing ipad
2	111222	launch attract	3	✓	5	06/15/2017 19:04:03	06/14/2017 15:54:58	1.1.3	unknown	aa22
3	111223	launch attract	4	✓	0	06/15/2017 19:03:55	06/15/2017 16:34:59	1.1.4	unknown	

## Columns

The store device table has the following columns and meanings/uses:

Column Header	Column Data
#	Display order – used for forcing display order by sorting ascending or descending on this column. <b>This is the default sort column.</b>
Device	Device name. This is via settings > general > about > name but may not be able to be changed if a device is managed.
Status	Application status as set by the application. The values in this column are anything that the application sends for a "status"
Uses	How many times interaction has <b>started</b> (ie: Primary KPI).
Online	Is the app currently connected to the monitoring dashboard's servers (the state may be in transition and will update when known).
ADNI	Application <b>D</b> etected <b>N</b> etwork <b>I</b> ncidents – based on calling out to the network and receiving an error. This does not state the <b>T</b> YPE of error.
Last Activity	Last interaction with device while application is active.
Last Online	Last time application came online and connected with the dashboard server.
App Version	Application version.
Content Version	Content version as set by the application (ie: Modiface content version)
Friendly Name	A name used to help identify the device such as 'Mary's iPad' or 'Front Door' or 'main counter'

## Notes:

1. The "#" sort order is by sign in – so each dashboard user may sort via this column their own way. This may be used to put your device first, or a set of known problematic devices first, etc.
2. The "Friendly Name" is shared for all users for this device.
3. The "ADNI" is not meant to show status such as WIFI connected or lost – but more to show a general pattern such as device A has 3x as many network issues as all other devices – perhaps device A should be examined ... or is device A in a location that causes poor network connectivity stability.

## Store Table Sort by Column

Select a table column header to sort by that column. The two images below show the table sorted by "A Version" (ie: App Version):

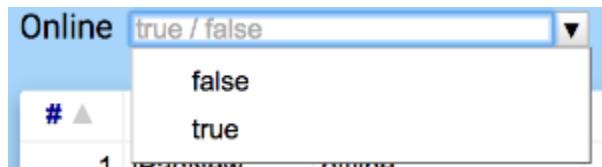
The screenshot shows a dashboard with a table of store device data. The table is sorted by the "A Version" column, which is indicated by an upward-pointing arrow icon next to the column header. The table has the same structure as the one in the first screenshot, but the data is ordered differently. The first two rows are now swapped:

#	Device	Status	Uses	Online	ADNI	Last Activity	Last Online	A Version	C Version	Friendly Name
2	111222	offline	0	x	5	06/15/2017 15:54:08	06/14/2017 15:54:58	1.1.3	unknown	aa22
3	111223	offline	0	x	0	06/15/2017 15:53:32	06/15/2017 15:53:31	1.1.4	unknown	

#	Device	Status	Uses	Online	ADNI	Last Activity	Last Online	A Version	C Version	Friendly Name
3	111223	offline	0	x	0	06/15/2017 15:53:32	06/15/2017 15:53:31	1.1.4	unknown	
2	111222	offline	0	x	5	06/15/2017 15:54:08	06/14/2017 15:54:58	1.1.3	unknown	aa22

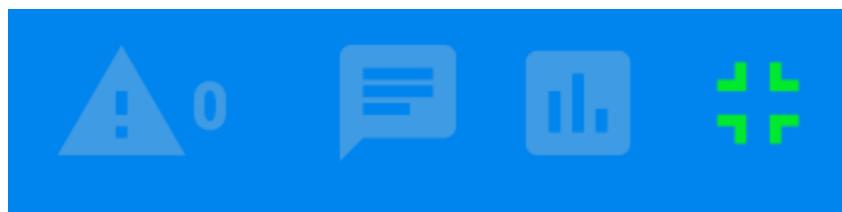
### Store Table Filter

The table may be filtered by certain values as present in a column. Currently, the only filter is via the Online column with values for "true" for online and "false" for offline.

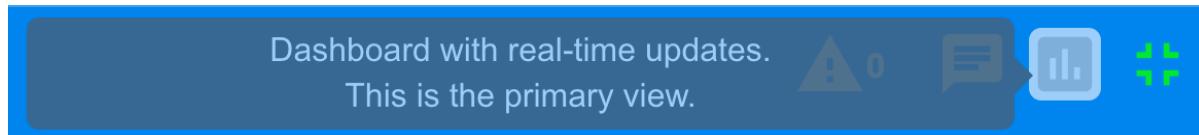


### Controls Panel

Each store panel has controls on the right side. The last icon for "collapse" panel will also be either red or green to represent good or bad for that particular store's state.



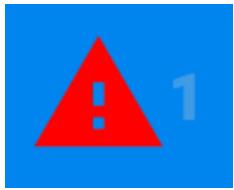
There are tooltips for each of the controls.



### Controls Alert

The **alert** control allows the currently logged in user to toggle their individual flag for this particular store. The value to the right of the alert icon shows the total number of bash board user alerts toggled for this particular store. An individual's alert status may be not set (ie: not red), but the value for the alert may be greater than 0. However, if the user's alert is enabled, the value for the total number of alerts will be at least 1. If the alert is toggled, the **messages** section should be used to provide information.





### **Controls Messages**

Selecting the **messages** icon will switch the store panel view to show the messaging area. Messages are seen by everyone who has access to view the store. Messages may not be erased by the user (at this time, perhaps in a future version) but all messages for a store may be cleared by a user with dashboard admin access.



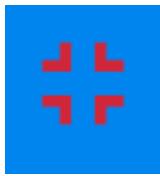
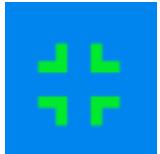
### **Controls Table**

Select the **table** icon to switch the store panel view to the store device table. **The store device table is the primary view for the dashboard.**



### **Controls Expand / Collapse**

Each store panel has an icon for open/close (expand/collapse) at the far right. This icon will either be **green** or **red**. Green means good and red means that the store needs attention. The status will be green if all devices that are in the store device table are online and the status will be red if any device in the table is not online or if the store has at least flag. If all devices are online and there is at least one flag, the color will be red. The icon at the right will have a color of either green or red, regardless if it's the open/expand or the close/collapse icon.



### **Device Dashboard Info & Control**

The dashboard provides some additional information for each device as well as the ability to do some dashboard and device management. Select a device in the table to see additional information for that particular device – and select the device again (or select the "**DISMISS**" button to make the additional device information not be visible again).

The additional information for the device is mostly for items that will not change often or need to be monitored in real-time such as the device

operating system or notes for that device (ie: "Please do not remove the tin-foil from the back of the device, it is needed to insure operation.)

### **Info (non-configurable)**

Some additional information is not configurable:

Test store #1

Group: 1111  
Online: true / false ▾

#	Device	Status	Uses	Online	ADNI	Last Activity	Last Online	A Version	C Version	Friendly Name
2	111222	offline	0	X	5	06/15/2017 15:54:08	06/14/2017 15:54:58	1.1.3	unknown	aa22
3	111223	offline	0	X	0	06/15/2017 15:53:32	06/15/2017 15:53:31	1.1.4	unknown	

Current Device Information

Static Device Information

Device name: 111223  
Group: 1111

Computed / Dynamic

OS Version: 10.3.1  
Longer title OS Version: 10.3.1  
Last Activity: 12 minutes (0.2 hours)  
Last Sign On: 12 minutes (0.2 hours)

Press "DISMISS" to hide the additional information or press "MODIFY DEVICE INFO" to modify some information.

**MODIFY DEVICE INFO**   **DISMISS**

### **Device Info (configurable)**

Some information is configurable by users and admins of the system. Values that are set are shown in red.

Configurable Device Information

Dashboard:

Friendly name:  
Notes:  
Display order: 3

Device:

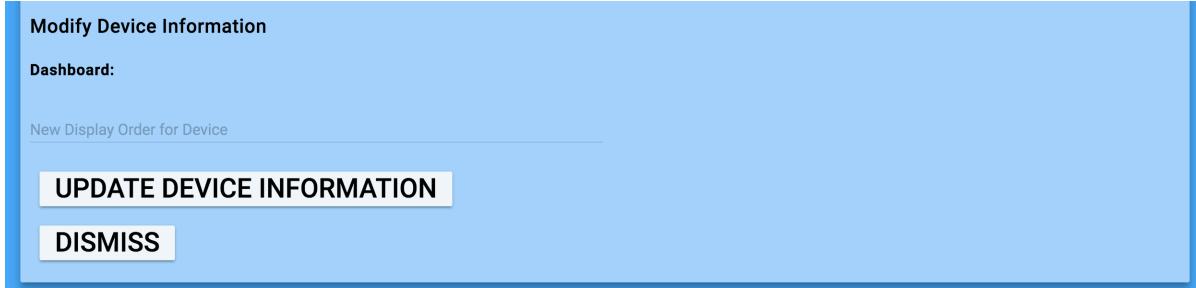
NOTE: ANY values shown in this section (below) will override the global default(s) settings

Attract background opacity:  
Attract camera zoom:  
Attract face detection:  
Attract face detection width:  
Attract use controls:  
Attract face region: (0, 0, 768, 1024)  
Alert Title:  
Alert Message:  
Alert Button Text:  
Time Created:  
First Displayed:  
Last Displayed:  
First Acknowledged:  
Last Displayed:  
Last Acknowledged:

**MODIFY DEVICE INFO**   **DISMISS**

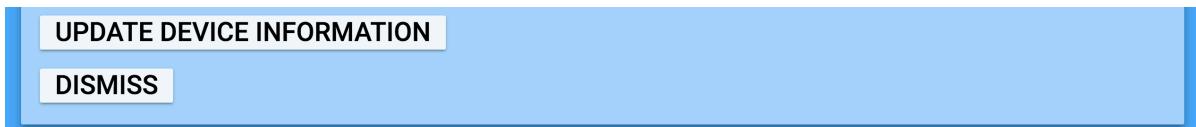
### **Modify Display Order**

Each user has an individual value for the display order for each device. These values are not set by default. Values should be numbers.



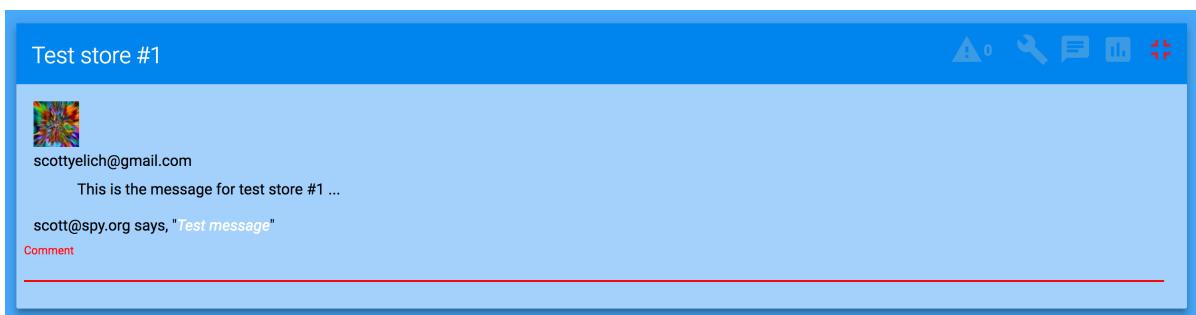
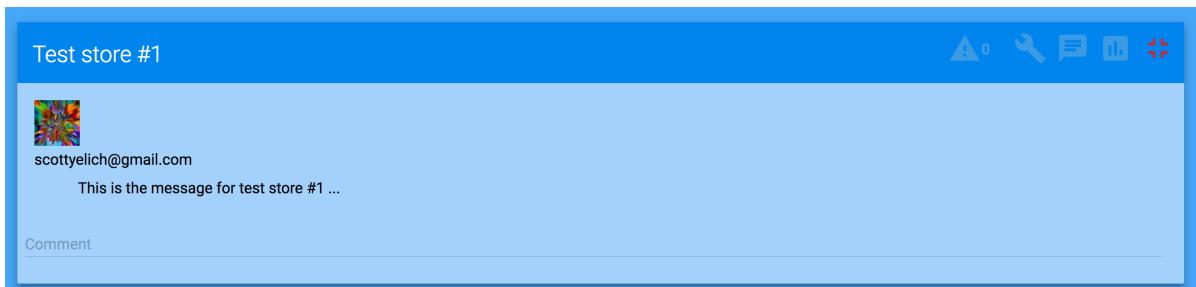
Notice that the previous value for the display order is NOT put into the input form.

Either enter a new value for the display order, or select the "DISMISS" button to hide the input form.



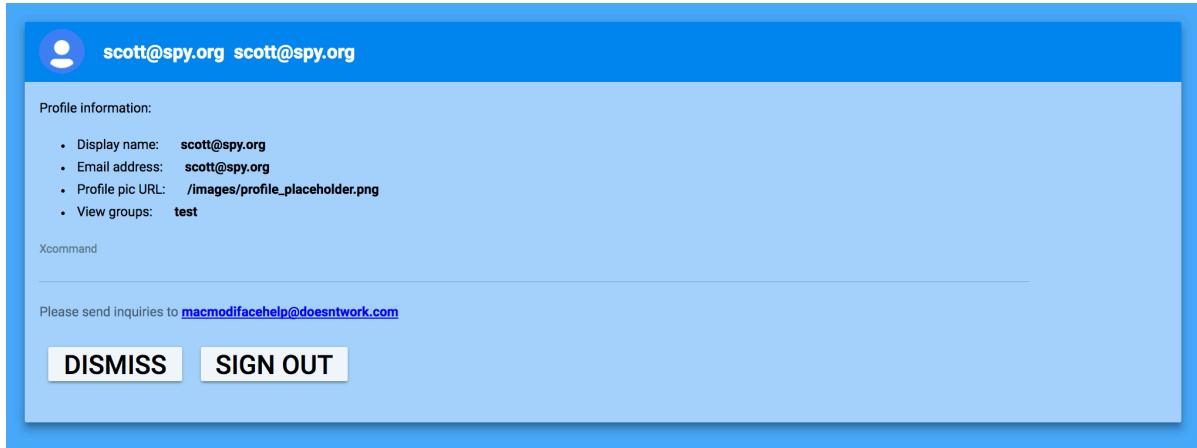
## Messages

The **messages** section allows for basic communication between users of this particular store. Users are not able to delete messages (at this time, perhaps in a future version), however, users with administration access may clear all messages for a store.



## Profile

Selecting the user profile image avatar located near the upper right of the screen (when scrolled to the top), will show the user **profile section** of the dashboard. **This section will show which groups the user is allow to view in the "View groups:" line after the profile information "Profile pic URL" line.** The user below can see stores that are tagged with "test". Additionally, the user profile section allows the user to sign out as well as issue Xcommands.



## Xcommands (user)

### help

This command will switch the view to the help view.

### tips

This command will enable tooltips.

### [BLANK]

This command will clear all settings (such as tooltips).

### theme

A little bit of customization is allowed in terms of the colors used for the application. Type the "theme" Xcommand and see a few built in themes. Select a box to immediately switch to that theme for the current session and notice that some commands appear in the Xcommand input line – press return on the command to set/save the theme for all future sessions.

Theme "Blue" ...

Profile information:

- Display name: scott@spy.org
- Email address: scott@spy.org
- Profile pic URL: /images/profile\_placeholder.png
- View groups: test

Xcommand

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### Color Theme

[COLOR 1](#) [COLOR 2](#) [COLOR 3](#) [COLOR 4](#) [COLOR 5](#) [COLOR 6](#)

#### Sample Themes

[Blue](#) [White](#) [Gray](#) [warm](#) [Raspberry](#) [Dark Sunset](#) [Plum](#) [Campfire](#) [Papua](#)  
[Our Little Projects](#) [Vintage Romantic](#) [Color Traffic](#) [Barca](#) [Magme](#) [RSCollab](#) [Osaki](#) [Scott](#)  
[Made](#) [el](#) [enso](#) [blah](#) [Autumn 1](#) [Autumn 2](#) [Autumn Spice](#) [Tomato](#) [Canyon](#) [Color Basket](#)  
[Color Fresh](#) [Mineral Tones](#) [Chili](#) [Spiced](#)

Theme "Raspberry" ...

COLOUR WITH **MAC Modiface Device Dashboard** [@](#)

[STORES](#) [HELP](#)

Profile information:

- Display name: scott@spy.org
- Email address: scott@spy.org
- Profile pic URL: /images/profile\_placeholder.png
- View groups: test

Xcommand

---

settheme #73503C/#F2D8A7, #A68572/#F2D8A7, #591E23/#000, #C2A877/#F2D8A7, #F2D8A7/#73503C, #D94E67/#F2D8A7

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### Color Theme

[COLOR 1](#) [COLOR 2](#) [COLOR 3](#) [COLOR 4](#) [COLOR 5](#) [COLOR 6](#)

#### Sample Themes

[Blue](#) [White](#) [Gray](#) [warm](#) [Raspberry](#) [Dark Sunset](#) [Plum](#) [Campfire](#) [Papua](#)  
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[Color Fresh](#) [Mineral Tones](#) [Chili](#) [Spiced](#)

## Admin Guide

▼ Admin Guide

### Sections

Users with admin access have all the same sections of non-admin users and a few extra. This section of the manual will only provide details for what is different with the admin interface beyond the non-admin interface. For instance, notice in the **Help** section that an option for "**Configure**" is (now) visible and the **Xcommands** list shows a few more commands such as "**stores**" and "**users**" ...

## Help (admin)

The screenshot shows the MAC Modiface Device Dashboard interface. At the top, there's a dark header bar with the text "COLOUR WITH" on the left, the title "MAC Modiface Device Dashboard" in the center, and a user icon on the right. Below the header is a blue navigation bar with two tabs: "STORES" and "HELP". The "HELP" tab is currently selected, indicated by an underline. The main content area has a light blue background and contains the following sections:

- Help**: A large heading at the top of the content area.
- Overview**: A brief description of the dashboard's purpose: "The MAC Modiface Device Dashboard provides real-time information and control of devices running the MAC Modiface application." It also mentions the [MAC Modiface Real-Time Dashboard Manual](#) for detailed usage information.
- Stores**: A section describing store dashboards. It states: "Store dashboards. Devices grouped by store with real-time status information and device control." Below this, there's a list of icons with their corresponding descriptions:
  - Flag store (shows "red" alert status, use message area to discuss).
  - Message area associated to this store panel (ie: to discuss flag or other issues).
  - Display real-time information about devices associated with this store.
  - "Close" panel back to panel shade. Drag/Drop shades/panels to re-order.
  - "Open" shade to show dashboard panel. Drag/Drop shades/panels to re-order.
  - Configure store and device information/settings (only available to admin).
- Help**: A section stating: "This section. Please see the [MAC Modiface Real-Time Dashboard Manual](#) for detailed usage information."
- Avatar**: A section for user profile information, log out, and dashboard commands (Xcommands).
- Xcommands**: A list of commands:
  - [BLANK] or empty input clears all command settings (ie: disable tooltips).
  - tips – Enable tooltips.
  - help – Show help panel.
  - addstore – Show "addstore" panel.
  - stores [tag] – Show list of stores matching optional "tag" provided.
  - users [tag] – Show list of users matching optional "tag" provided.
  - unregistered – Show list of unregistered devices.
- DISMISS**: A button at the bottom of the help content area.

## Stores

### Store Dashboard

Store dashboards are the same except for the addition of a configure tool panel icon. Changes are also present in the additional device information modify device information section.

### Controls Panel

A "**Configure**" icon has been added (ie: the wrench). The status of the store is still either green or red.



The store alert is before the configure icon.



### **Controls Configure**

Select the "Configure" icon to get the store configuration screen.



### **Device Dashboard Info & Control**

The additional device information section has quite a few items that the admin can set. Some of these are shown in red color in the following image.

**Configurable Device Information**

**Dashboard:**

Friendly name: **testing ipad**  
Notes: **This is a 9.7" ipad**  
Display order: **1**

**Device:**  
NOTE: ANY values shown in this section (below) will override the global default(s) settings

Attract background opacity: **0.80**  
Attract camera zoom:  
Attract face detection: **YES**  
Attract face detection width:  
Attract use controls: **NO**  
Attract face region: **((70.5, 135), (645.5, 560.5))**  
Alert Title: **Alert Title**  
Alert Message: **Example alert message.**  
Alert Button Text: **OK**  
Time Created: **06/15/2017 16:34:18**  
First Displayed: **06/15/2017 16:34:20**  
First Acknowledged: **06/15/2017 16:34:42**  
Last Displayed: **06/15/2017 16:34:20**  
Last Acknowledged: **06/15/2017 16:34:42**

**MODIFY DEVICE INFO**   **DISMISS**

Select "MODIFY DEVICE INFO" to see items that may be modified.

### **dashboard**

The admin may control items in the dashboard for this particular store such as clearing the USES (ie: primary KPI) and/or clearing out the "ADNI" settings. Both of these will affect only the device that is currently select. The device does not need to be online for this to take effect.

In addition to the setting of the display order for the device, an admin may also set the friendly name and notes for the device.

## Modify Device Information

Dashboard:

**CLEAR "USES"**

**CLEAR "ADNI"**

New Display Order for Device

New Friendly Name

New Notes for Device

### device

The dashboard allows some management of the application such as setting the opacity for the attract screen and enabling face detection. The opacity values should be between 0.00 (for none, completely clear/bright) and 1.00 (for 100% dark/black).

#### Device:

Attract face detection:       Yes     No     Use Default  
Use attract controls:       Yes     No     Use Default

New Face Detection Minimum Width

Use default face detection width value.

New Attract Screen Opacity

Use default attract screen opacity value.

### Alert

Admins may also configure the device to show an alert. When initially set, if the device is online, it will go to the attract screen and display the alert.

#### Alert:

New Alert Title

New Alert Message

New Alert Button Text

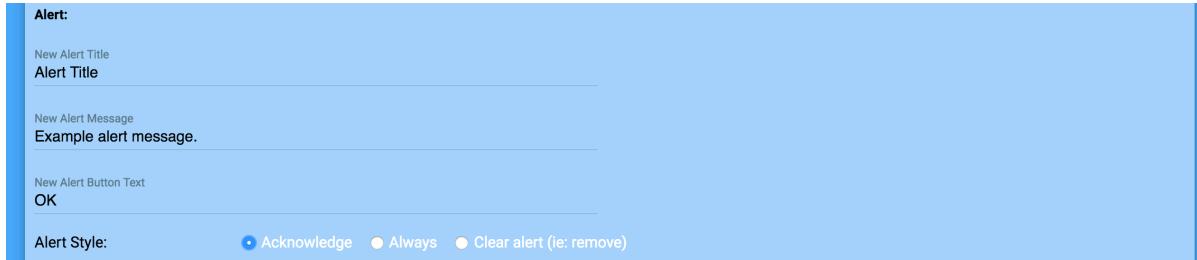
Alert Style:       Acknowledge     Always     Clear alert (ie: remove)

**UPDATE DEVICE INFORMATION**

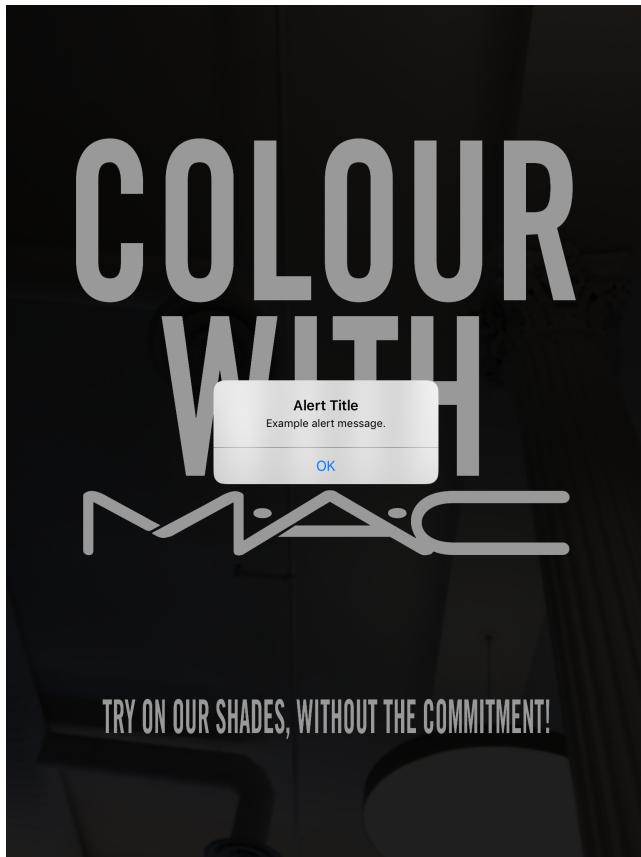
**DISMISS**

### Alert Example

The alert has two functionality settings – to allow the user to acknowledge the alert and have the alert dismiss or to have the alert shown always with no way to dismiss. The alert will be shown every time the application becomes active (ie: launched or re-launched). The alert may be cleared by selecting "Clear Alert" and updating the device information. The next image shows an example alert configuration for an "Acknowledge" alert:



The result on the target device:



### ***Opacity***

The next two images show the face detection controls (ie: defining the region to use for face detection) have been enabled. The first image (dark background) has an opacity around 0.90 and the next image (lighter background) has an opacity around 0.10.



## Store Configuration

Selecting the "Configure" icon in the store panel tools panel will show the store configuration screen.

Test store #3

**Store Information**

**Title:** Test store #3

**Message:** asdfasdfs

**Group:** 1122

**Tags:** all test

Admins may update the store title, message and tags – but not the store group.

### Store Operations

Information

New Title for Store

New Message for Store

New Tags for Store

## Alert on All Devices in a Store

Admins may also set an alert that will affect all devices assigned to this store (ie: group).

Alert (**all devices** in this store)

Title for new Alert (for all devices assigned to this store)

Message for new Alert (for all devices assigned to this store)

Button text for new alert (for all devices assigned to this store)

Alert Style:  Acknowledge  Always  Clear alert (ie: remove)

## Store Dashboard Controls

### Operations

- █ Clear current device(s) for this store (they come back if/when used).
- ✖ Delete messages (for this store only).
- ✗ Reset "uses" count to 0 (only for this store).
- ✗ Reset "ADNI" count to 0 (only for this store).
- ✗ Reset flag count to 0 (only for this store).

**UPDATE STORE INFORMATION**    **DISMISS**

### ***clear current device list***

The store table will be cleared and devices will re-appear the next time the application is launched. Devices are not cleared from being assigned to the store and will show up next time the application is started and the device is able to connect to the dashboard

### ***delete messages***

Clear messages for this store only.

### ***reset "ADNI"***

Reset ADNI to 0 for this store only.

### ***reset store flag count***

Reset the flag count to 0 for this store only.

## Profile

The profile section shows account information and allows for input of Xcommands.

## Xcommands (admin)

There are no additional/special commands for admins beyond those available for non-admin users.

# SuperAdmin Guide

## [SuperAdmin Guide](#)

### SuperAdmin Store Controls

#### **Delete Store Permanently**

Store configuration allows for one additional command to delete a store.

Operations

- Permanently delete this store (and all messages, **no confirmation!**).
- Clear current device(s) for this store (they come back if/when used).
- Delete messages (for this store only).
- Reset "uses" count to 0 (only for this store).
- Reset "ADNI" count to 0 (only for this store).
- Reset flag count to 0 (only for this store).

**UPDATE STORE INFORMATION**    **DISMISS**

## Profile

The profile section shows account information and allows for input of Xcommands.

## Xcommands (superadmin)

Superadmin Xcommands allow for additional control of the dashboard, application and devices. Although some of these commands may appear to be available for non-superadmin users, they will not work completely or at all (ie: stores vs users, etc.).

Note: At this time there is no mechanism via the dashboard to register a device to authorize it to run the application – this must be done manually and directly through the Firebase console in the GDI (ie; "Device Info") project.

## Stores

The "stores" Xcommand will show a table with stores. Although this view may appear desirable to have elsewhere, it can be costly to construct as it will retrieve all devices and all stores from the Firebase system.

Stores							
Group	Title	Group	flags	devices	totADNI	totUses	Tags
0	Test store #1	1111	0	2	5	0	all jen scott test
1	Test store #2	1111	0	2	5	0	all scott test two
2	title	asdfasdf	0	0	0	0	all scott two
3	t3l2	1111	0	2	5	0	all o one scott bxx xx
4	jendemo1 t1	jendemo	0	1	0	1	all jendemo
5	Test store #3	1122	0	0	0	0	all test

## Stores With Tags

The "stores" command can take an extra parameter and use that to match stores. The parameter is matched ONLY against the "tags" for a store. The next image shows the results for "stores test" (at the time it was run).

Group	Title	Group	flags	devices	totADNI	totUses	Tags
0	Test store #1	1111	0	2	5	0	all jen scott test
1	Test store #2	1111	0	2	5	0	all scott test two
2	Test store #3	1122	0	0	0	0	all test

The tags for a store may be modified through the store configuration view for each particular store.

Select a row for a store to have it added to the "Stores" section of the dashboard. Any stores added this way will NOT persist for the next log in, but will remain until the current session is ended (or the store is otherwise removed). This functionality is useful for monitors that want to quickly check on a store without having to add the tag to their view store tags list in their user profile.

## Users

The "users" Xcommand will display a table with a list of users.

tags	Tags	Username	Email	Last Online	tags
0	phu.jennifer@gmail.com	phu.jennifer@gmail.com	never		jendemo
1	agent@spy.org	agent@spy.org	06/14/2017 15:48:02 (1457 minutes or 24.28 hours ago)		test
2	scott@spy.org	scott@spy.org	06/15/2017 15:58:57 (6 minutes or 0.1 hours ago)		test
3	t3@spy.org	t3@spy.org	06/15/2017 10:20:23 (344 minutes or 5.73 hours ago)		test
4	danielgelyich@gmail.com	danielgelyich@gmail.com	06/06/2017 20:10:14 (12714 minutes or 211.9 hours ago)		scott
5	gaddeveloper@gmail.com	gaddeveloper@gmail.com	never		mxx
6	scottyleich@gmail.com	scottyleich@gmail.com	06/14/2017 23:09:24 (1015 minutes or 16.92 hours ago)		scott
7	elcdtig@gmail.com	elcdtig@gmail.com	06/02/2017 17:03:31 (18661 minutes or 311.02 hours ago)		scott

## Users with tag

The "users" Xcommand can take an extra parameter that it will use to match against the tags set for each user. Only one tag may be used to match. The following image shows the result for "users test" (at the time it was run).

tags	Tags	Username	Email	Last Online	tags
0	agent@spy.org	agent@spy.org	06/14/2017 15:48:02 (1457 minutes or 24.28 hours ago)		test
1	scott@spy.org	scott@spy.org	06/15/2017 15:58:57 (6 minutes or 0.1 hours ago)		test
2	t3@spy.org	t3@spy.org	06/15/2017 10:20:23 (345 minutes or 5.75 hours ago)		test

## Set User View Store Tags

Select a user row to have an Xcommand value get set into the Xcommand input ready for modification. Specifically, the command to set the view store tags for the selected user will be in the Xcommand input area – but NO tags will be given. At this point, one or more tags may be set for the user. The tags present when command is submitted (by pressing the RETURN key), will overwrite any and all tags for the user, this it is required that all desired tags be entered at once.

Xcommand  
user MbG23LQpyJfzZZ9gHdIg8uwsM2W2 views

Please send inquiries to [macmodifacehelp@doesntwork.com](mailto:macmodifacehelp@doesntwork.com)

**DISMISS** **SIGN OUT**

tags	Tags	#	Username	Email	Last Online	tags
		0	agent@spy.org	agent@spy.org	06/14/2017 15:48:02 (1457 minutes or 24.28 hours ago)	test
		1	scott@spy.org	scott@spy.org	06/15/2017 15:58:57 (6 minutes or 0.1 hours ago)	test
		2	t3@spy.org	t3@spy.org	06/15/2017 10:20:23 (345 minutes or 5.75 hours ago)	test

## Addstore

The command "addstore" brings up a view that allows for a single store to be added. Superadmins may add and delete stores. The "identifier" for the store is the group that a device was provisioned to via the "app-mac-modiface" key (ie: the value for that key) in the GDI service (ie: Device Info). Although the identifier value is arbitrary, it should follow a recognized format such as a store door ID or an event name+location, etc.

**New Store**

Title for store

Identifier for store (ie: the 'group' identifier can be the door value)

Message for store

Tags for store (single-words, separated by a single space)

**ADD STORE** **DISMISS**

## Unregistered

The "unregistered" Xcommand will display a list of devices that the system has collected over time. Some of these devices may actually be registered (ie: authorized/provisioned, etc.) but reported unauthorized for an unknown reason (such as a network failure to contact the GDI service). If a device is authorized, it will remove itself from this list. This list may be cleared without harm – but clearing devices does not authorize/register/provision them. Finally, this list of devices may be used to collect a set of devices that need to be provisioned.

Note: As of version 1.0.0 of the dashboard, there is no way to provision/register/authorize a device to run the application through the dashboard itself and this must be done manually and through the Firebase console in the "Device Info" project.

# Server Management Guide

## ▼ Server Management Guide

### Overview

The MAC Modiface Real-time Monitoring Dashboard is supported by service side services provided via Firebase from Google. Firebase offers many components such as authentication, analytics, real-time database, remote config, push notification, web hosting, server side actions (cloud functions) and more. The dashboard uses several of these features.

## Firebase

"Everything you need to build and grow your app, all in one place." – <https://firebase.google.com/>

#### Develop & test your app

- Realtime Database**  
Store and sync app data in milliseconds
- Authentication**  
Authenticate users simply and securely
- Cloud Storage**  
Store and serve files at Google scale
- Test Lab for Android**  
Test your app on devices hosted by Google

#### Grow & engage your audience

- Crash Reporting**  
Find and prioritize bugs; fix them faster
- Cloud Functions**  
Run mobile backend code without managing servers
- Hosting**  
Deliver web app assets with speed and security
- Performance Monitoring**  
Gain insight into your app's performance
- Google Analytics**  
Get free and unlimited app analytics
- Dynamic Links**  
Drive growth by using deep links with attribution
- Invites**  
Make it easy to share your app and content
- AdMob**  
Maximize revenue with in-app ads
- Cloud Messaging**  
Send targeted messages and notifications
- Remote Config**  
Modify your app without deploying a new version
- App Indexing**  
Drive search traffic to your mobile app
- AdWords**  
Drive installs with targeted ad campaigns

- Firebase docs : <https://firebase.google.com/docs/>
- Firebase products : <https://firebase.google.com/products/>

Accessing the database and other services directly is available to certain log in accounts. Once a valid account has been logged into, the firebase console is the primary interface.

Go to console (upper right, by login and avatar):



Sample Firebase console with two projects:

The screenshot shows the Firebase console interface. At the top, there's a blue header bar with the 'Firebase' logo, a 'Go to docs' link, and a three-dot menu icon. Below the header, a large banner says 'Welcome to Firebase' with subtext 'Tools from Google for developing great apps, engaging with your users, and earning more through mobile ads.' It features a cartoon character holding a megaphone. Below the banner, there's a section for 'Recent projects' with a button to 'Add project'. Two projects are listed: 'Device Info' (device-info-ed734, iOS) and 'MAC Modiface' (mac-modiface-c4d8f, iOS). There's also a 'IMPORT GOOGLE PROJECT' button.

Select a project to go to that project's dashboard.

## Real-time Database

The primary Firebase service used for the real-time dashboard is the Firebase real-time database. The following sections will highlight some

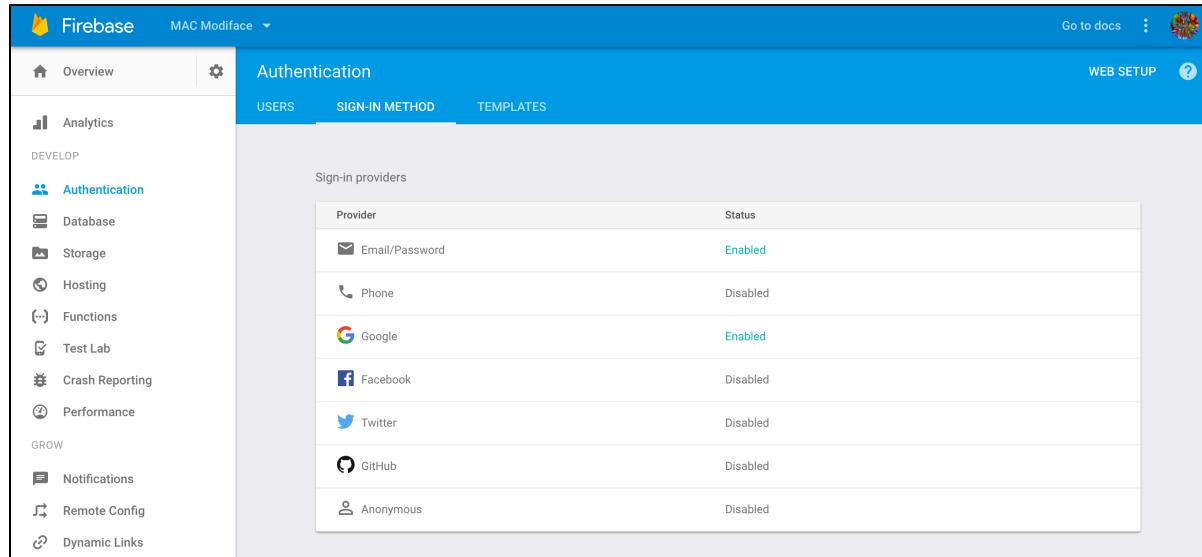
aspects of its configuration and use.

## Access Control

The "Authentication" section allows configuration of features around authenticating with Firebase services (ie: accessing Firebase NOT via the Firebase console). Although there are various authentication methods, the dashboard has only been tested with Email and Google – with Email intended to be the primary/only authentication method left enabled (so that the user list may be managed via the Firebase console).

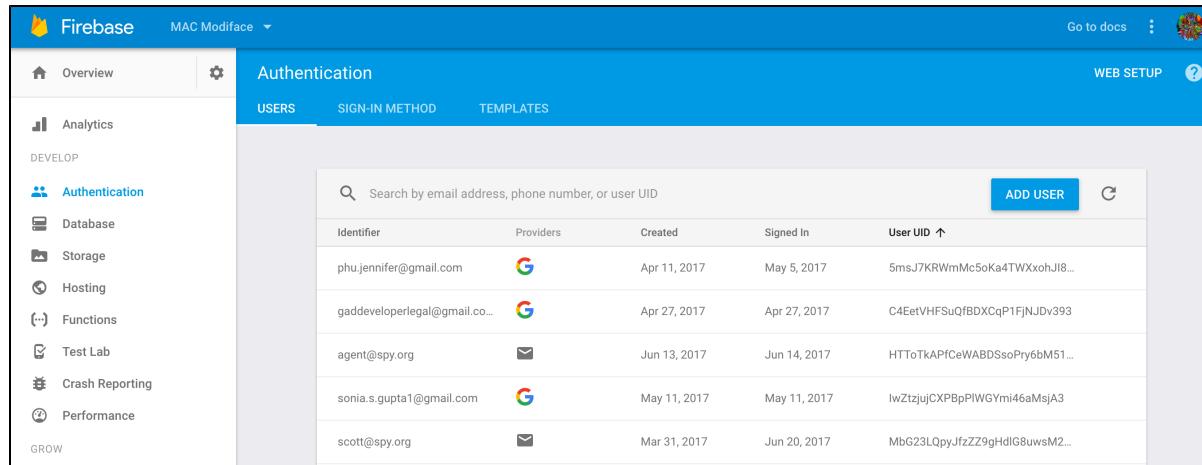
### User Authentication

Various methods for "**SIGN IN METHOD**" authentication are available, but only Email and Google have been tested – and Email should be the only one enabled (image below shows both Email and Google as enabled). For instance, the production web app may only show the option for Email, although the service would really allow both Email and Google. To prevent Google authentication at all, simply set it as Disabled here.



The screenshot shows the Firebase Authentication screen. On the left, a sidebar lists various services: Overview, Analytics, DEVELOP, Authentication (which is selected and highlighted in blue), Database, Storage, Hosting, Functions, Test Lab, Crash Reporting, Performance, GROW, Notifications, Remote Config, and Dynamic Links. The main content area is titled "Authentication" and has three tabs: USERS (selected), SIGN-IN METHOD, and TEMPLATES. Under the "SIGN-IN METHOD" tab, there is a table titled "Sign-in providers" with columns "Provider" and "Status". The providers listed are: Email/Password (Enabled), Phone (Disabled), Google (Enabled), Facebook (Disabled), Twitter (Disabled), GitHub (Disabled), and Anonymous (Disabled).

Selecting "**USERS**" shows a list of Email addresses that have been configured:



The screenshot shows the Firebase Authentication screen with the "USERS" tab selected. The sidebar remains the same as the previous screenshot. The main content area displays a table of users with columns: Identifier, Providers, Created, Signed In, and User UID. The users listed are: phu.jennifer@gmail.com (Google, Apr 11, 2017, May 5, 2017, 5msJ7KRWmMc5oKa4tWXxohJI8...), gaddeveloperlegal@gmail.co... (Google, Apr 27, 2017, Apr 27, 2017, C4EetVHFSuQfBDXCqP1FjNJDv393), agent@spy.org (Email, Jun 13, 2017, Jun 14, 2017, HTToTkAPfCeWABDSsoPrY6bM51...), sonia.s.gupta1@gmail.com (Google, May 11, 2017, May 11, 2017, lwZtzujCXPBpPiWGYmi46aMsjA3), and scott@spy.org (Email, Mar 31, 2017, Jun 20, 2017, MbG23LQpyJfzZZ9gHdLG8uwsM2...). A search bar at the top of the table allows searching by email address, phone number, or user UID. There is also an "ADD USER" button and a refresh icon.

Hovering over a user address line shows a "more" menu of 3 vertical dots at the right side (end) of the row. The options allow for user options: Rest password, Disable account, Delete account.

Email is used so that account may be managed here – but also so that the users can be controlled (via allowing ANY Google account). Users may also self serve to reset passwords (lost, forgotten, etc.) via the dashboard log in page Email log in section.

## ACL

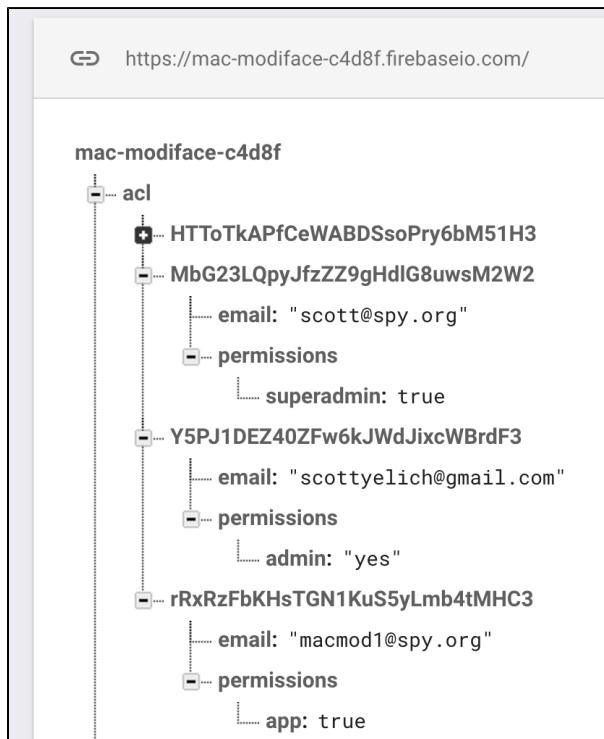
The dashboard has two main modes of operation – allow anyone to write anything/anywhere and a more restricted mode. The MAC Modiface implementation uses the restricted version. Write permissions are controlled via a two step configuration – the real-time database "rules" (see Rules section) and the "ACL". Rules are external to the real-time database storage and are part of the Firebase Real-time database security mechanism. These rules may not be changed by writing to the Real-time database. The Rules for the dashboard are written in such a way that they are based on accessing values down from the "acl" top level section in the Real-time database. For instance, the application uses a user "macmod1@spy.org" to access the database and the Rules check for the ACL setting of "acl/UID-FOR-MACMOD1@SPY.ORG/permissions/app" to have the value of "true".

The dashboard supports various levels of user read and write access into sections of the real-time database. Most sections that are needed for the dashboard are open for read, but some places are secured such as the acl and items under the users section for any other user other than the one that is logged in. Write permissions to a section are based on the rules that look up the acl where "admin" (and "superadmin") have write permissions to places they need to write – but users who do not have permission "admin" or "superadmin" may not write in these same locations. The specific locations allow for things like creating or deleting a store, modifying store information such as title, message, tags. Admins may read other users and also write user's view tags, etc.

For exact permissions, it's required to check what the web app dashboard code attempts to do (ie: read/write and the location) and then compare the rules to see if it's allowed or not. Firebase does have a rules simulator for testing reading and writing (see the Rules section).

#### **4 ACL settings are**

- NONE : User has default read and write permissions (ie: user is not app, admin or superadmin).
- admin : User is admin
- superadmin : User is superadmin
- app : User is app (there may be more than one of these, but currently there is only 1).



#### **Rules**

The "RULES" section for the real-time database shows the rules that the system enforces. These may not be circumvented by normal access – however, access via the Firebase console (and Firebase Cloud Functions) bypass these rules.

There is no reason to modify these rules. Documentation is given here only because the rules may be in place. If the complex rules are NOT in place, the dashboard will work (with rules that allow for all read/write). For example, a simple ruleset could allow read and write for any authenticated user.

**Note: Write permission should not be allowed for when there is no valid/active user authentication – even though it's possible, it's not wise.**

MAC Modiface ▾

## Realtime Database

DATA RULES BACKUPS USAGE

```
1  {
2    "rules": {
3      "acl": {
4        ".read": "false",
5        ".write": "false"
6      },
7      "devices": {
8        ".read": "auth != null",
9        ".write": "auth != null"
10       && (
11         || root.child('acl/'+auth.uid+'/permissions/app').exists()
12         || root.child('acl/'+auth.uid+'/permissions/superadmin').exists()
13         || root.child('acl/'+auth.uid+'/permissions/admin').exists() ),
14      "group": {
15        ".read": "auth != null",
16        ".write": "auth != null"
17      },
18      "group-comments": {
19        ".read": "auth != null",
20        ".write": "auth != null"
21      },
22      "stores": {
23        ".read": "auth != null",
24        ".write": "root.child('acl/'+auth.uid+'/permissions/superadmin').exists()",
25        "$store": {
26          ".write": "auth != null"
27          && root.child('acl/'+auth.uid+'/permissions/admin').exists() ,

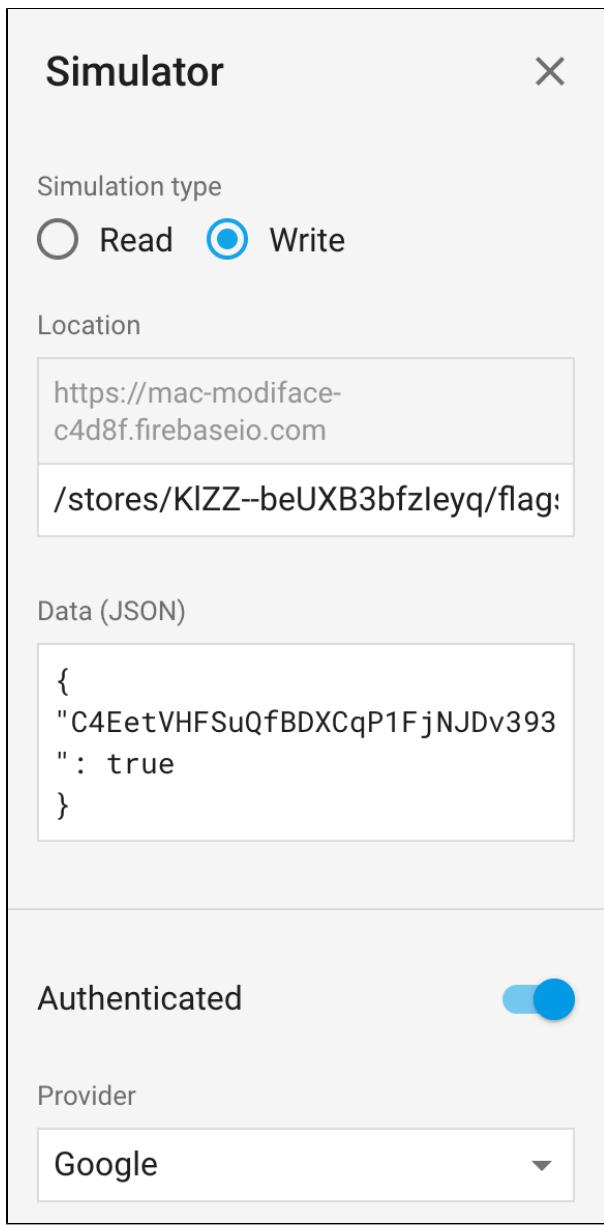
```

UPGRADE

◀

Read/Write permissions may be checked via the rules simulator:

This simulation check is for an authenticated user attempting to write to the "flags" for a store.



## Database

The Firebase real-time database provides the mechanism for collecting and presenting the data used for the real-time monitoring dashboard. The app writes to various locations and other apps, such as the web based monitoring dashboard app may read (as well as write) to these and other locations.

The primary (top level) structure of the database is shown in the next image. It's not necessary to detail structure and items in each section. The Firebase console allows exploration (reading/writing) of this data. For instance, it's possible to change any value directly through the Firebase console interface.

The screenshot shows the Firebase Realtime Database console. At the top, there's a navigation bar with the Firebase logo, the project name "MAC Modiface", and a dropdown menu. Below the navigation bar is a sidebar with various development tools: Overview, Analytics, Authentication, Database (which is selected), Storage, Hosting, Functions, Test Lab, Crash Reporting, and Performance. The main area is titled "Realtime Database" and contains tabs for DATA, RULES, BACKUPS, and USAGE. Under the DATA tab, it shows the database URL: <https://mac-modiface-c4d8f.firebaseio.com/>. The database structure is displayed as a tree:

```
mac-modiface-c4d8f
├── acl
├── devices
├── group
├── group-comments
├── stores
├── unregistered-devices
└── users
```

## Remote Config

The MAC Modiface application also uses the Firebase "Remote Config" component for a few parameters. Values placed here are meant to help manage the behavior of the base app – remote config is not intended for individual device control or even A/B testing. The next image shows a few parameters that are configured in the project for Remote Config. New parameters may be added, but the application code must be made aware of the new parameters – they will not have any effect otherwise.

As of version 1.0.0 of the application, only these keys are used from remote config: firebaseUserEmail, firebaseUserPassword, firebaseDeviceInfoUserEmail, firebaseDeviceInfoUserPassword.

The keys "firebaseUserEmail" and "firebaseUserPassword" provide values for the application to use to access MAC Modiface real-time database (see the database Authentication and Rules sections of the manual).

The keys "firebaseDeviceInfoUserEmail" and "firebaseDeviceInfoUserPassword" provide values for the application to use to access the Global Device Information (GDI) service. Access to that Firebase project is required to see the config there (ie: authentication) and to update the email address or password. The values that are set in the "Device Info" project MUST be used here, otherwise the application will not be able to access the GDI service – with the results being that all applications will appear to be "Unauthorized" when starting up and preventing use of the application until this situation is rectified.

The screenshot shows the Firebase Remote Config parameters page for the 'MAC Modiface' project. The left sidebar lists various Firebase services: Analytics, Authentication, Database, Storage, Hosting, Functions, Test Lab, Crash Reporting, Performance, Notifications, and Remote Config (which is selected). The main area is titled 'PARAMETERS' and contains a search bar and an 'ADD PARAMETER' button. Below the search bar is a table with the following data:

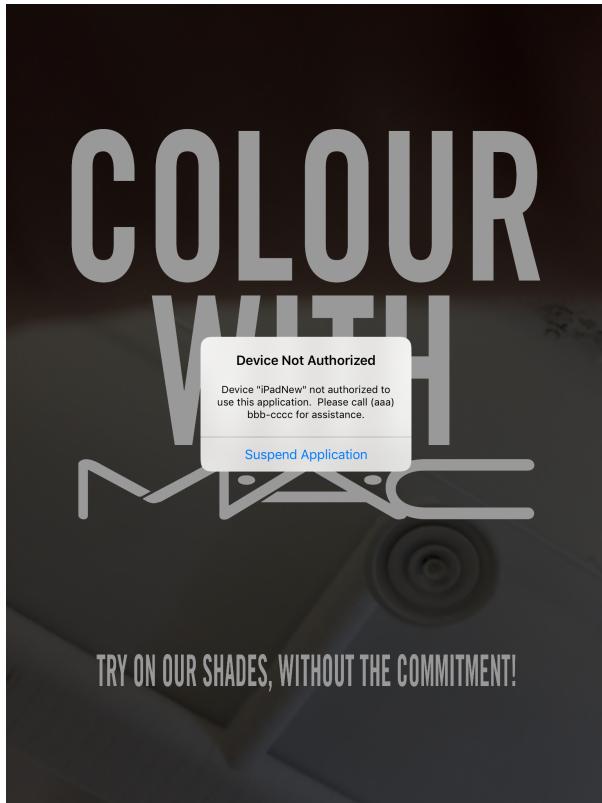
Parameter	Value
firebaseUserEmail	macmod1@spy.org
firebaseUserPassword	[REDACTED]
firebaseDeviceInfoUserEmail	macmoddevinfo1@spy.org
firebaseDeviceInfoUserPassword	[REDACTED]
attractDetectFaces	false
faceDetectMinWidth	300
modifaceIdleTimeout	30
attractBackgroundOpacity	0.10

## Device Information Service

The MAC Modiface application uses DTIGKit which uses Firebase features such as Firebase Analytics and Firebase Real-time database for information lookup.

## GDI Service

The "Global Device Information" service is a service that provides information based upon lookup. The key used for look up can be anything, but is typically the device name. The device name, in turn, may be anything, but it may be under managed control, such as managed by MDM where the value has some meaning – such as a device serial number or other coded name. This key may be used to retrieve information from the GDI service. If there is a match for the key found, values are return – they are arbitrary and in JSON format. For the MAC Modiface application, there is a sub-key named "app-mac-modiface" that will contain a group value (ie: store door ID). This value is also arbitrary, but typically will follow a recognized format such as either a store door ID or some other recognized value (such as an event name or location). If this sub-key does not exist for the MAC Modiface app that is running, the app will alert the user that the application is not authorized.



Near the upper left of the Firebase console is a way to switch projects. IF the currently logged in user has access to the "**Device Info**" project, it should appear in the drop down for selection.

## Database

The GDI database structure is simple: devices followed by the "device ID" and then any sub-values desired. The next image shows 3 devices, 2 of which show they are provisioned to allow the MAC Modiface application to run via the sub-key "**app-mac-modiface**" with a corresponding value representing the group that the device has been assigned to. A device can only be in one group and to change a group's device, it must be done in the GDI system. Although a future enhancement may allow the monitoring dashboard to provision devices (both set and modify the "app-mac-modiface" setting and corresponding value) – that functionality is not available currently and so devices must be provisioned manually.

Device Info ▾

Realtime Database

DATA RULES BACKUPS USAGE

https://device-info-ed734.firebaseio.com/

device-info-ed734

- devices
  - 111222
    - app-mac-modiface: 1111
    - + geo
    - profile: "Mac modiface 3"
    - serialNumber: "ABCDEF123456"
  - 111223
  - Alexandra's iPad
    - app-mac-modiface: 1111

The Firebase console section for the real-time database allows for importing and exporting of values. Additionally, the database is backed-up daily as part of Firebase service itself. The MAC Modiface app accesses this service via the DTIGKit layer and only reads – never writes – data.

### Application launching

The application may present various alerts while launching.

### *Use of Camera*

This next alert is a standard iOS alert and may not be prevented. It should only occur once, however, if permission to use the camera is denied, the application will now operate (properly) at all.



#### ***Interaction Before Authorization Verification***

Any interaction with the application before the application has had a chance to verify it is authorized to run will result in the following alert. The alert will be dismissed automatically upon successful verification of authorization.



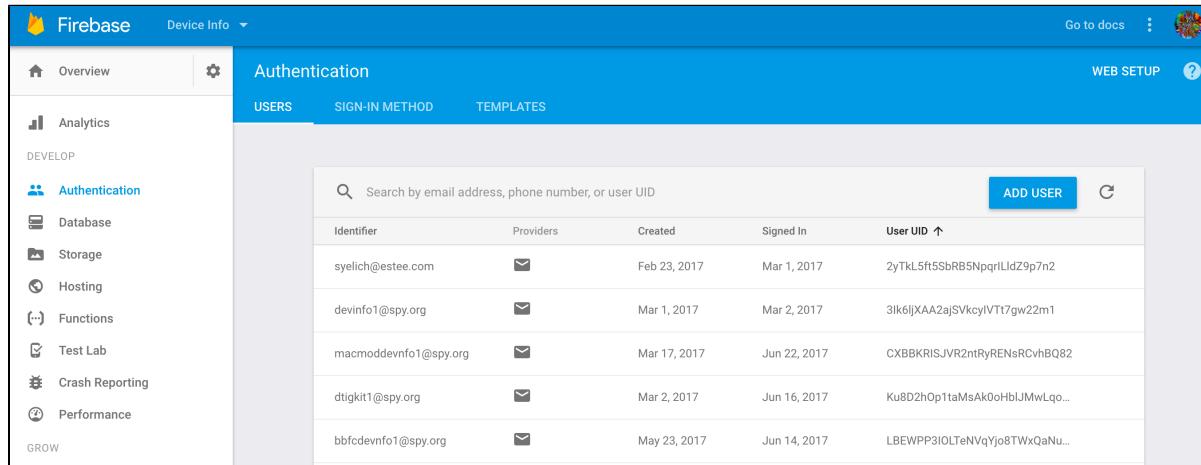
#### ***Unable to Verify Authorization***

If the application is not able to verify authorization, the following alert will appear. This alert may be triggered if the device is not authorized or the device does not have network connectivity able to access the GDI service.



## Authentication

The MAC Modiface application uses the value set in the Firebase Remote Config service to access the GDI Service (ie: Device Info). The email address is: [macmoddevnfo1@spy.org](mailto:macmoddevnfo1@spy.org)



The screenshot shows the Firebase Authentication interface. On the left, there's a sidebar with links to Overview, Analytics, Develop, Authentication (which is selected), Database, Storage, Hosting, Functions, Test Lab, Crash Reporting, and Performance. The main area is titled 'Authentication' and has tabs for 'USERS', 'SIGN-IN METHOD', and 'TEMPLATES'. It includes a search bar and an 'ADD USER' button. A table lists six users with columns for Identifier, Providers, Created, Signed In, and User UID. The table also has a sorting arrow for User UID.

Identifier	Providers	Created	Signed In	User UID
syelich@estee.com	✉	Feb 23, 2017	Mar 1, 2017	2yTkL5ft5SbRB5NpqrlldZ9p7n2
devinfo1@spy.org	✉	Mar 1, 2017	Mar 2, 2017	3Ik6ljXAA2ajSVkcyVTt7gw22m1
macmoddevnfo1@spy.org	✉	Mar 17, 2017	Jun 22, 2017	CXBBKRISJVR2ntRyRENsRCvhBQ82
dtigkit1@spy.org	✉	Mar 2, 2017	Jun 16, 2017	Ku8D2hOp1taMsAk0oHbLMwLqo...
bbfcdevnfo1@spy.org	✉	May 23, 2017	Jun 14, 2017	LBEWPP3iOLTeNVqYjo8TWxQaNu...

## FAQs

### [User FAQ ...](#)

#### User FAQ

##### **Q: What is the purpose of the dashboard?**

A: The MAC Modiface real time monitoring dashboard provides a snapshot in time of the state of the mobile application not including analytics events as those are handled elsewhere.

##### **Q: What does the dashboard do/provide?**

A: The dashboard provides various information as it is at the time the dashboard is viewed/used. Information includes whether or not a registered device is online, running the MAC Modiface application, what section of the app is currently in use, how many times the device has been used, as well as items that change less frequently such as application version, application content version, device operating system version, etc.

##### **Q: The application has an alert that says "Not Authorized" ...**

A: Has the device ever run the application before? If so, verify that there is good network connectivity and re-start the application. If there is good network connectivity and the alert persists, please contact [MACVirtualTryOnHelpDeskTickets@estee.com](mailto:MACVirtualTryOnHelpDeskTickets@estee.com) or call **1 (877) 354-3375 and select Option 6**.

##### **Q: What can I modify as a user?**

A: Device display order (column "#" in the table), color theme, enable/disable tooltips, drag & drop to re-order store panels, leave messages on a store and toggle store alert.

##### **Q: Where is additional device information?**

A: In section "Stores" toggle a store panel open and select a table row with a device. The bottom of the store view will show additional device information. Select the same table row to hide the additional device information.

##### **Q: How can I get help?**

A: Please send inquiries to [MACVirtualTryOnHelpDeskTickets@estee.com](mailto:MACVirtualTryOnHelpDeskTickets@estee.com) or call **1 (877) 354-3375 and select Option 6**.

##### **Q: How do I change the colors?**

A: Go to the user profile section by selecting the avatar in the upper right. In the Xcommand input, enter "theme" and press return. Select a theme color to have the theme applied to try it. To save the theme for subsequent sessions, press return in the Xcommand input area to save

the "settheme" command information to your profile.

**Q: How can I adjust the font and size?**

A: This is accomplished by changing the font size via the browser. For Chrome on OSX, the keys are "COMMAND SHIFT +" at the same time to increase the font size and "COMMAND -" to reduce.

**Q: What are the User Xcommands?**

A: help, ?, quit, logout, tips, theme, testtheme, settheme, and empty input.

**Q: How can I get access to the dashboard?**

A: Please send inquiries to [MACVirtualTryOnHelpDeskTickets@estee.com](mailto:MACVirtualTryOnHelpDeskTickets@estee.com) or call 1 (877) 354-3375 and select Option 6.

▼ Admin FAQ ...

## Admin FAQ

**Q: What is the purpose of the dashboard?**

A: The same as the User FAQ for this question plus some level of device management.

**Q: What does the dashboard do/provide?**

A: The same as the User FAQ for this question, plus provides ability to configure some behavior of the application such as attract screen background opacity, attract screen automatic face detection, device alert per device or for all devices in a store, etc.

**Q: The application has an alert that says "Not Authorized" ...**

A: Has the device ever run the application before? If so, verify that there is good network connectivity and re-start the application. If there is good network connectivity and the alert persists, please contact [MACVirtualTryOnHelpDeskTickets@estee.com](mailto:MACVirtualTryOnHelpDeskTickets@estee.com) or call 1 (877) 354-3375 and select Option 6. Currently, the dashboard does not allow authorizing devices or checking on the authorization status of a device (name).

**Q: What can I modify as an admin?**

A: Same as the User FAQ for this question, plus some settings for the device as well as store title, description, tags. Admins can set one "friendly name" for each device that is shared by everyone using the dashboard. Admins may create stores. Admins may set which store tags a user sees. Some inputs must be enabled by using the "admin" Xcommand.

**Q: Where is additional device information?**

A: In section "Stores" toggle a store panel open and select a table row with a device. The bottom of the store view will show additional device information. Select the same table row to hide the additional device information.

**Q: How can I get help?**

A: Please send inquiries to [MACVirtualTryOnHelpDeskTickets@estee.com](mailto:MACVirtualTryOnHelpDeskTickets@estee.com) or call 1 (877) 354-3375 and select Option 6.

**Q: How can I get admin access to the dashboard?**

A: Please send inquiries to [MACVirtualTryOnHelpDeskTickets@estee.com](mailto:MACVirtualTryOnHelpDeskTickets@estee.com) or call 1 (877) 354-3375 and select Option 6.

**Q: How can I find stores?**

A: Use Xcommand "stores" and "stores tag" to limit matches to stores with tag "tag" ...

**Q: How can I find users?**

A: Use Xcommand "users" and "users tag" to limit matches to users with tag "tag" ...

**Q: What are the admin Xcommands?**

A: help, ?, quit, logout, tips, theme, testtheme, admin, stores [ tag ], users [ tag ], addstore, user ID views X, and empty input.

**Q: What happens if a user attempts an admin Xcommand?**

A: It depends on the command. Some commands that read data may work such as "stores" – but others such as "users" are blocked by server side permissions. Commands that modify/write data are also checked by server side permissions and only accounts with "admin" access may write/modify data (ie: create store, modify store title/message). Users may use the store Xcommand to find other stores – this is a feature, not a bug (the store will not be remembered as viewed in the next session).

**Q: What is a "superadmin" ?**

A: A rumor.

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## End Notes

▼ [End Notes ...](#)

### **Application and Documentation Information**

Dashboard Web Application Version 0.9.9

Mobile Application Version 1.1.14

Documentation Version 0.9.7

22/AUG/2017 sdy

Please see the web hosted version of "[MAC Modiface Real-Time Dashboard Manual](#)" for the latest version of this manual.

Please send inquiries to [MACVirtualTryOnHelpDeskTickets@estee.com](mailto:MACVirtualTryOnHelpDeskTickets@estee.com) or call **1 (877) 354-3375** and select **Option 6**.