



# **SureFox for iOS v3.14**

User Guide

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# **Chapter 1: Introduction**

**SureFox** transforms iOS devices by creating a safe browsing environment on iPads and iPhones.

This makes the devices suitable for use as self-service web kiosks and data collection terminals for various types of businesses.

#### **iOS Versions Supported**

• iOS 8 and above

#### **Key Features**

- Restrict access to selected websites
- Password protected browser settings
- Import and Export of settings file
- Remotely install and configure SureFox Settings
- Browse local web pages
- Customizable homepage (thumbnail, wallpaper, website captions)
- Show or hide website address and loading indicator on title bar
- Disable device turning off due to inactivity



# **Chapter 2: Getting Started**

This chapter will help administrators to understand how to download and install **SureFox** on the device, access the password protected **SureFox Settings** and specify the websites they wish to allow.

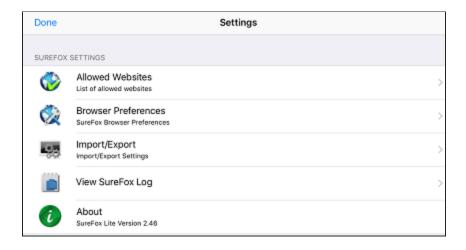
**SureFox** can be downloaded from AppStore

# **Access SureFox Settings**

To access SureFox Settings, follow these steps:

- 1. Launch SureFox.
- 2. On **SureFox Home Screen**, tap anywhere on the screen 5 times within 3 seconds to launch the password prompt.
- 3. On the password prompt, enter **SureFox** default password as **0000** (four zeros). To change the password, see Change Password.

On successful login, **SureFox Settings** screen will appear.



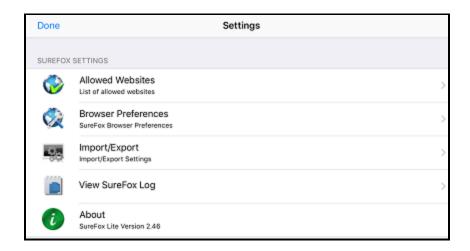


# **Chapter 3: Configure SureFox Settings**

**SureFox Settings** allows the admins to set browser preferences, configure approved websites, view logs and more.

#### **Allowed Websites**

**Allowed Websites** option allows admin to whitelist /approve the websites on **SureFox Home Screen**. Once a website is approved, the user can browse only the approved websites. Admins have the option to approve and allow multiple websites.



#### **Add Allowed Websites**

Admin can approve a list of websites that will be displayed on the **SureFox Home Screen**. This allows the users to have access only to the approved websites on an iPad or iPhone.

To approve or whitelist a website in **SureFox**, follow these steps:

- 1. Access **SureFox Settings**.
- 2. On the SureFox Settings screen, tap Allowed Websites.
- 3. On the **Add/Edit Allowed Websites** screen, tap **Add**.
- 4. On the **Enter Website Details** screen, enter the following details:



- Protocol Select HTTP or HTTPS based on the protocol website is using. Select File if local
   HTML pages are to be allowed.
- URL Website address
- Title Title of the URL will be displayed on **SureFox Home Screen**.
- Run At Startup Launches the webpage automatically on booting of the device.
- Hide Icon Hides allowed URL icon on the **SureFox Home Screen**
- Allow only this URL Allows only the page specified in the URL field
- Allow SubDomain Allows sub-domains of the specified website
- Set as Error Page Select this option to redirect the screen to the specified webpage when an error occurs during browsing.
- Use Favicon Allows using an icon associated with an allowed website.
- Icon Path Enter the path of the folder that contains the icon image.
- Assign Category Use this option to assign a website to a specific category

#### **Blocked Websites**

Use this option to block the users from accessing specific websites.

To block the websites, follow these steps:

- 1. Launch SureFox.
- 2. Access SureFox Settings.
- 3. Go to **Advanced Settings** and enable **Allow All Websites**.

**Note:** Once you enable the **Allow All Websites** option then **Block Websites** setting will appear on the **SureFox Settings** screen.





- 4. Go to **Blocked Websites** and click **Add**.
- 5. Select the **Protocol (http/https/file)**.
- 6. Enter the **URL** that you want to block.

To block multiple websites, repeat steps nos. 4 to 6.

# **Manage Categories**

Manage Categories allows admins to create categories on the SureFox Home Screen. Admins can assign and organize approved websites in these categories. This is helpful when there are multiple allowed websites and want an organized look and feel on the SureFox Home Screen. This could also help the users to navigate through allowed websites and locate a specific allowed website among others.

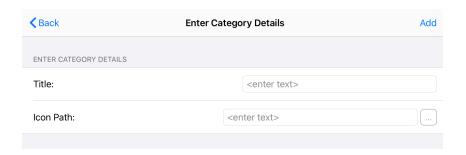
# **Create a Category**

To create a new category, follow these steps:

1. Access SureFox Settings.



- 2. On the SureFox Settings screen, tap Manage Categories.
- 3. On Add/Edit Categories screen, tap Add.
- 4. On **Enter Category Details** screen, enter a category name in **Title** field.
- 5. Browse and select an icon for the category and tap **Add**.



### Add an Allowed Website to a Category

To add an Allowed Website to a Category, follow these steps:

- 1. Access SureFox Settings.
- 2. On SureFox Settings screen, tap Allowed Websites.
- 3. On **Add/Edit Allowed Websites** screen, tap the website to add it to a category.
- 4. On **Enter Website Details** screen, tap **Assign Category** and select a category from the list.
- 5. Tap **Add**.

#### **Delete a Category**

To delete a category, follow these steps:

- 1. Access **SureFox Settings**.
- 2. On SureFox Settings screen, tap Manage Categories.
- 3. On Add/Edit Categories screen, tap the category name for delete.
- 4. On **Enter Category Details** screen, tap **Delete > Continue** to complete.



Note: On deleting a Category, it will move all URLs in the Category to **SureFox Home Screen**.



## **Browser Preferences**

**Browser Preferences** provides options to manage and control security settings and advanced browser settings.

Navigate to **SureFox Settings** > **Browser Preferences** and you will find the following settings:

Settings	Description
SureFox Administrator Password	Change the password to access <b>SureFox Admin</b>
	Settings. See Change SureFox Password.
Go to Home on Access Denied	Navigates to <b>SureFox Home Screen</b> when an
	unallowed URL is accessed.
Go to Home on Network Gain	Navigates to <b>SureFox Home Screen</b> when the device
	regains network connection.
Restrict Settings Menu	Restricts access to <b>SureFox Settings</b> after the
	specified time until reboot.
Restrict Settings After (Minutes)	Allows admin to set the time interval after which
	<b>SureFox</b> settings will not be accessible until the
	device undergoes a reboot.
Tap Count	Change default number of taps (5) to a desired
	number of taps to access <b>SureFox Settings</b> . See
	Change Tap Count.
Prevent Device Suspend	Ensures the device never suspends or locks. Keeps
	the device screen always ON when <b>SureFox</b> is
	running.



Allow Icon Relocation	Allows relocation of the icon on the <b>SureFox Home</b>
	<b>Screen</b> . This option once enabled will let the user
	drag and organize icons on the home screen.
Allow Icon Resize	Allows resizing of the icon on the <b>SureFox Home</b>
	<b>Screen</b> . This option lets the user increase/decrease
	the icon size on the home screen.
Reset Icon Layout	Resets the icon layout to the default.
Adjust Brightness	Use the slider to adjust and lock the brightness of
	the device screen.
User Agent	Helps admin to set the user agent as a part of
	request header when the request is sent from
	SureFox to web server.
	Note: User agent is always set to default and will be
	same as the user agent of Safari browser of the device.
Ignore SSL Warnings	Ignores the SSL warnings from website and opens
	the website normally.
Enable Custom User Agent Header	Allows admin to configure customized User Agent
	Header.
Custom User Agent Header	Allows admin to define the user agent using which
	<b>SureFox</b> can request web servers. Admin can specify
	the user agent header in this feature.
Clear Cookies on Home	Removes all the cookies stored by <b>SureFox</b> on device
	memory when the user returns to SureFox Home
	Screen.



Clear App Cache on Home	Removes all cached data stored by <b>SureFox</b> on
	device memory when the user returns to <b>SureFox</b>
	Home Screen.
Show Navigation Toolbar	Shows Navigation toolbar with Home, Refresh, Back
	and Forward buttons in <b>SureFox</b> . See Configure
	Navigation Toolbar.
Shows Options Menu on Browser	Hides Navigation toolbar and displays 3 dots
Screen	the website. On clicking i, will display the items in
	Option menu. See Show Options Menu on Browser.
Enable Special Links	Configure special links for phone numbers and print
	links on the web page. See Configure Special Links.
Enable Toast Messages	Notifies the user with small notification pop-up when
	any unallowed websites are accessed.
Allow Pop-Ups	Allows pop-up link to open on the existing web page
	as a pop-up.
Show Pop-Ups in same window	Navigates to a pop-up link rather than opening as a
	pop-up on the existing web page.
Enable Copy Paste	Allows copy/paste option on the web page.
Enable Zoom	Allows zoom-in and zoom-out options on the web
	page
Set Initial Zoom Level	Allows setting the desired zoom level. Specified
	zoom level will be set when the web page is
	launched.
	Note: Zoom level can be set from 100% to 999%.



WebView Bounce	Turn-on this option to enable web view bounce on
	the allowed websites.
Enable Full Screen	Disables and hides top notification bar and run
	SureFox on full-screen mode.
Refresh Current Page on Recovering	Refreshes the current page while recovering from an
from Error	error.
<b>Browser Orientation</b>	Select an Orientation option from the following to
	set the Orientation for the browser:
	None - No orientation or position is set for
	the browser screen
	Landscape - Sets screen orientation in
	Landscape mode
	Portrait - Sets screen orientation in Portrait
	mode
Configure Tabbed Browsing	Allows the user to open multiple tabs for browsing.
	See Configure Tabbed Browsing.
Enable Loading Icon	Displays loading icon when the web page is loading.
Wallpaper Settings	Sets a personalized wallpaper on <b>SureFox Home</b>
	Screen. See Configure Wallpaper Settings.
Idle Timeout (Seconds)	Select this feature and set an inactive time period (in
	seconds) after which the device goes to sleep. Idle
	Timeout can be configured only for the following
	options:
	Go To Home
	Screensaver Mode



	Power Saver Mode
Go To Home	Redirects the screen to <b>SureFox Home Screen</b> after
	a specific time period of device inactivity.
Screensaver Mode	Sets image or video as a screensaver for the device
	on inactivity. See Configure Screensaver Settings.
Power Saver Mode	Configure power saving option on device inactivity.
	See Configure Power Saver Mode.
Enable Upload Server	Turn-On this option to upload or delete files from
	SureFox File Manager. See Enable Upload Server.
Run On Port	Admin can change the port for Upload Server.
	Note: The default server port will be 8080.
Show Files Using Google Docs	Turn on the toggle to enable viewing of different file
	types such as pdf files, documents, zipped files
	within the browser using Google Docs.
Allow Downloads	Turn on the toggle to allow downloads from the
	approved websites only. On selection, a download
	icon will be visible on the SureFox home screen.
Open File After Download	Turn on the toggle to open the file immediately once
	after the download.
Keep Downloaded History	Turn on the toggle to see the history of downloaded
	files. When you click the <b>Download</b> icon from the
	SureFox home screen, you can see the history of
	downloaded files

**Change SureFox Administrator Password** 



Password to access Admin Settings can be changed using SureFox Administrator Password option.

To access **SureFox** admin settings with a default password, see Access SureFox Settings.

To change **SureFox** administrator password, follow these steps:

- 1. Access **SureFox Settings**.
- 2. On the **SureFox Settings** screen, tap **Browser Preferences**.
- 3. On the **Browser Preferences** screen, enter a new password in **SureFox Administrator** Password field.

This will reset the password to access **SureFox Settings**.

### **Change Tap Count**

**SureFox** allows the admin to change the default tap count from 5 to a desired number of taps.



**Note**: Tap count values range between 4 and 40.

To change the tap count to access **SureFox Settings**, follow these steps:

- 1. Access SureFox Settings.
- 2. On the **SureFox Settings** screen, tap **Browser Preferences**.
- 3. On the **Browser Preferences** screen, change the desired value in Tap **Count field**.

### **Configure Navigation Toolbar**

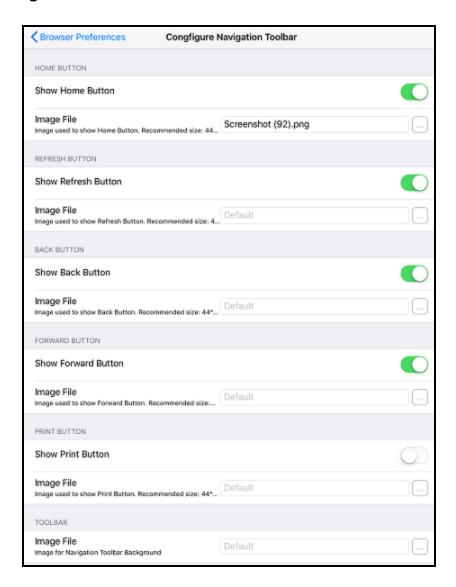
Admin can configure the buttons in Navigation toolbar such as Home, Refresh, Back, Forward and Print.

To configure **Navigation Toolbar**, follow these steps:

- 1. Access **SureFox Settings**.
- 2. On the **SureFox Settings** screen, tap **Browser Preferences**.



On the Browser Preferences screen, turn-on Show Navigation Toolbar and tap Configure
 Navigation Toolbar.



- 4. On the Configure Navigation Toolbar screen, under Home Button,
  - a. Turn-On **Show Home Button** to display **Home** Button on the Navigation toolbar.
  - b. Browse and select a file in **Image File** to set an icon for the **Home** button.
- 5. On the **Configure Navigation Toolbar** screen, under **Refresh** Button,
  - a. Turn-On **Show Refresh Button** to display **Refresh** button on the Navigation toolbar.
  - b. Browse and select a file in **Image File** to set an icon for the **Refresh** button.



- 6. On the Configure Navigation Toolbar screen, under Back Button,
  - a. Turn-On **Show Back Button** to display Back button on the **Navigation** toolbar.
  - b. Browse and select a file in **Image File** to set an icon for the **Back** button.
- 7. On the **Configure Navigation Toolbar** screen, under **Forward** Button,
  - a. Turn-On **Show Forward Button** to display **Forward** button on the Navigation toolbar.
  - b. Browse and select a file in **Image File** to set an icon for the **Forward** button.
- 8. On the **Configure Navigation Toolbar** screen, under **Print Button**,
  - a. Turn-On **Show Print Button** to display **Print** button on the Navigation toolbar.
  - b. Browse and select a file in **Image File** to set an icon for the **Print** button.
- 9. On the **Configure Navigation Toolbar** screen, under **Toolbar**, Browse and select a file in **Image File** to set the background image for the toolbar.

#### **Show Options Menu on Browser**

Select this option to hide the navigation toolbar and will show three dots on the website screen.

Click (three dots) to display following options:

- Home Navigates to **SureFox Home Screen**
- Refresh Refresh and reload the website page
- Back Navigates to the previous page of the website
- Stop Stop loading the webpage

## **Configure Special Links**

**SureFox** allows the user to enable special links for phone numbers and print links on the web page.

To enable **Special Links**, follow these steps:



- 1. Access SureFox Settings.
- 2. On the SureFox **Settings** screen, tap **Browser Preferences**.
- 3. On the Browser **Preferences** screen, turn-on **Enable Special Links**.
- 4. On **Enable Special Links** print, following options are available:



- Phone numbers Turn-ON this option to allow the user to call, message, add the number to contact list or copy the phone number.
- Print Links Turn-ON this option to allow the user to print documents navigated from printable links on the web page.

**Note**: This feature is available for iOS 10 and above devices.

## **Configure Tabbed Browsing**

**SureFox** by default will have one browsing window. Admin can allow the user to open multiple tabs for multiple browsing windows.

To configure multiple tabs in the browser, follow these steps:

- 1. Access **SureFox Settings**.
- 2. On the **SureFox Settings** screen, tap **Browser Preferences**.
- On the Browser Preferences screen, select Configure Tabbed Browsing > Multi-Tab
   Settings.
- 4. On the MultiTab Settings screen, select Enable Multi-Tab.





5. Enter a value in **Maximum Number of Tab(s)**.



- 1. This feature is available for iOS 10 and above devices.
- 2. Number of tabs allowed in Tabbed browsing will be between 1 and 8.

### **Configure Wallpaper Settings**

**SureFox Home Screen** can be personalized with a Wallpaper. The user can alter the settings of Wallpaper such as position and size.

Following options are available in Wallpaper Settings:

- **Wallpaper** Browse and select a file to set a personalized wallpaper on SureFox Home Screen.
- Wallpaper Style Select this option to set the wallpaper in below styles:
  - Center Sets the wallpaper on the center of the device screen.
  - Stretch Sets the wallpaper that covers the entire device screen.

AspectFit - Sets the wallpaper on the device as per the original resolution of the image.

#### **Configure Screensaver Settings**

Admin can set an image /video/Webpage URL as a screensaver for the device on inactivity.

To configure a screensaver, follow these steps:

1. Access SureFox Settings.



- 2. On the **SureFox Settings** screen, tap **Browser Preferences**.
- 3. On the **Browser Preferences** screen, tap **Screensaver Mode**.

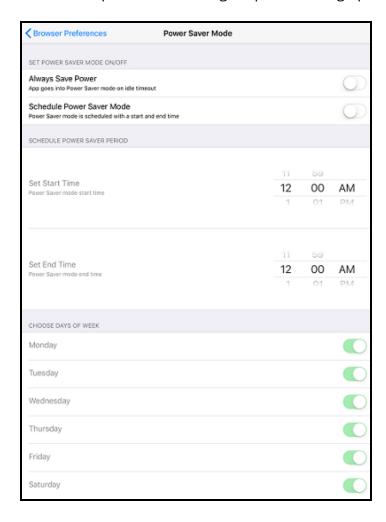


- 4. On the **Screensaver Mode** prompt, turn-on **Enable Screensaver** on idle timeout.
- 5. Browse and select a video/image file/webpage URL in **ScreenSaver Filename/URL**.



## **Configure Power Saver Mode**

**SureFox** helps admin to configure power saving options on device inactivity.



To configure power saving mode, follow these steps:

- 1. Access **SureFox Settings**.
- 2. On the **SureFox Settings** screen, tap **Browser Preferences**.
- 3. On the **Browser Preferences** screen, tap **Power Saver Mode**.
- 4. Under **Power Saver Mode**, following options are available:
  - Always Save Power Turn-On this option to allow SureFox application to go into power saving mode on device inactivity.



- **Schedule Power Saver Mode** Turn-On this option to schedule power saver mode on the specific time and days of the week.
- **Set start time** Set time to initiate the power saving mode on the device.
- **Set End time** Set time to end the power saving mode.
- Choose Days of Week Turn-On this option to choose specific days to schedule power saver mode.

## **Enable Upload Server**

This option enables the admin to upload or delete files from **SureFox File Manager**.

To upload a file to SureFox File manager, follow these steps:

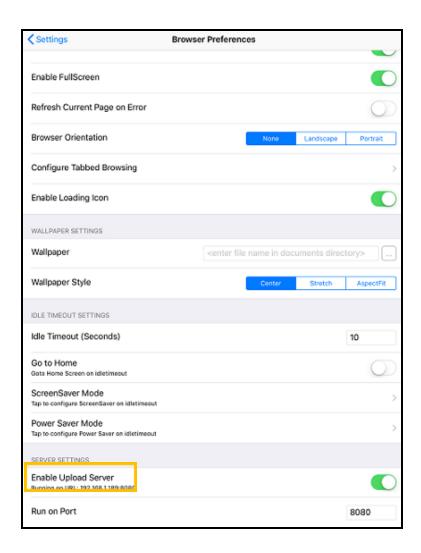
- 1. Access SureFox Settings.
- 2. On the **SureFox Settings** screen, tap Browser Preferences.
- 3. On the Browser Preferences screen, turn-On Enable Upload Server.

This will display the server address below this option.



**Note**: Make a note of the server address displayed under this option.

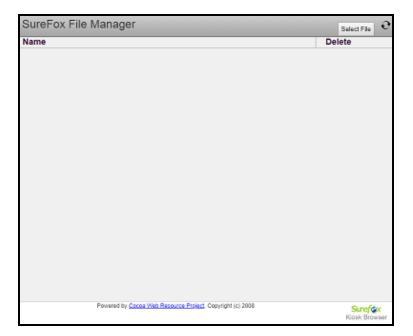




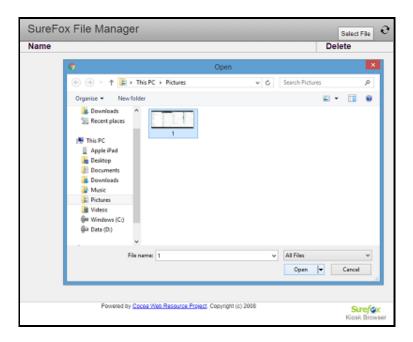
4. In Laptop / Desktop, open the browser and enter the server address generated in step 3.

This will open the **SureFox File Manager** screen on the browser.





5. Click **Select File** to browse and select the file for upload.



- 6. Click Upload to upload the file to File Manager.
- 7. Click to refresh the list of files.



# **Advanced Settings**

SureFox offers following features under this section:

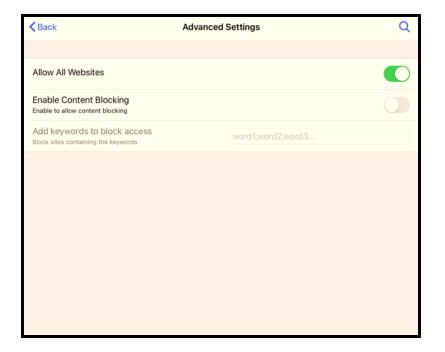
**Allow All Websites** - Use this option for the users to access all websites.



Note: Once this option is enabled then Blocked Websites setting will appear on the SureFox Settings screen.

Enable Content Blocking - Use this option to block access to the webpages that contain identified keywords.

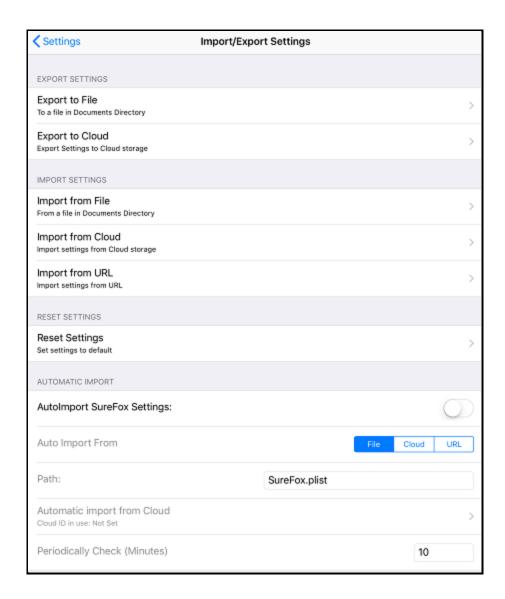
**Add Keyword to block access** - Enter the keywords. Block the websites that contain these keywords.



# Import/Export

SureFox's feature of Import/ Export Settings helps in configuring multiple devices with identical settings in a quick and easy way.





## **Export Settings**

Admin can configure SureFox settings on multiple devices using export to a File or Cloud options.

Export to File - If the admin wants to configure multiple devices with identical SureFox
 Settings, use Export to File option to export the settings to a file which can be imported into other devices for auto configuration.

To export the settings file, follow these steps:

- 1. Launch **SureFox**.
- 2. Access SureFox Settings.



3. Tap Import/Export Settings > Export to File.

The settings file will be generated as a.plist file type.

- 4. Tap **Export** to complete.
  - Export to Cloud Select Export to Cloud and create a New Cloud ID or use Existing
     Cloud ID. On successful export to the cloud, a Cloud ID will be generated that can be referred while importing the settings
  - Export Settings to Cloud and Generate QR Code Use this option to generate a QR code
    for the new Cloud ID or existing Cloud ID. On successful export to the cloud, either Cloud Id
    or QR code will be referred while importing the settings.

#### **Import Settings**

Admins can import the **SureFox** settings from **File/Cloud/URL**.

- Import from File Use Import from File option to import SureFox Settings from a file.
- Import from Cloud Select Import from Cloud and enter the Cloud Id (created while exporting the settings) or select it from the History and tap Import Settings.
- **Import from URL** SureFox settings can be saved to the local server. Select Copy Settings from URL option and enter the server path and tap Import to import the settings from the specified server path.

#### **Reset Settings**

**Reset Settings** option will reset all the settings to default.

#### **Automatic Import**

Automatic Import option will import **SureFox Settings** automatically from a specified **File**, **Cloud ID** or **URL**.



- Auto Import SureFox Settings Enable this option to import settings from a specified location such as File, Cloud or URL.
- **Auto Import From** Select the location (File/Cloud/URL) to import the settings.
- Path Select a file or URL that will highlight the path where the settings file name or the URL consisting the settings of the application to be saved.
- Automatic Import from Cloud Enter the Cloud ID or select a Cloud ID from history to import the settings from Cloud.



Periodically Check (Minutes) - Enter the value in Periodically Check (Minutes). This will
import the settings file periodically when there are any changes in the settings in the specified
time.

# **System Settings**

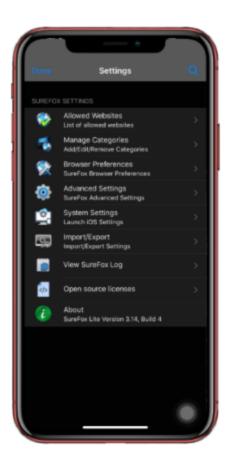
Users are allowed to make changes in the device's system settings without exiting **SureFox** using **System Settings** option under **SureLock Admin Settings**.

Also, the admin can enable dark mode on the user devices. It helps to increase the readability by reducing the light emitted by device screens while maintaining the minimum color contrast ratio.

To enable Dark Mode on the devices, navigate to **SureFox Admin Settings** > **System Settings** > **Display & Brightness** and enable **Dark Appearance**.

Once enabled, the SureFox screen will appear as shown in the screenshot below:





# **Remotely configure SureFox using SureMDM**

**SureFox** can be remotely configured using **SureMDM** by following the below-mentioned steps:

Enroll the device to SureMDM

To supervise and enroll the device in SureMDM, select an option from the following:

DEP

or

### QR code Enrollment

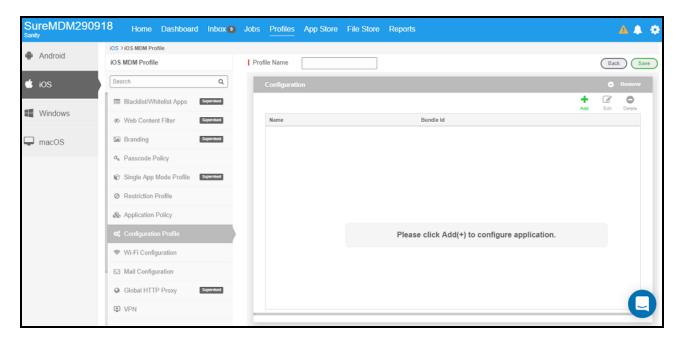
• Use Configuration profile in SureMDM to configure SureFox

To configure **SureFox** remotely on the enrolled device(s), follow these steps:

- 1. Login to **SureMDM Web Console**.
- 2. On **SureMDM Web Console**, click **Profiles**.

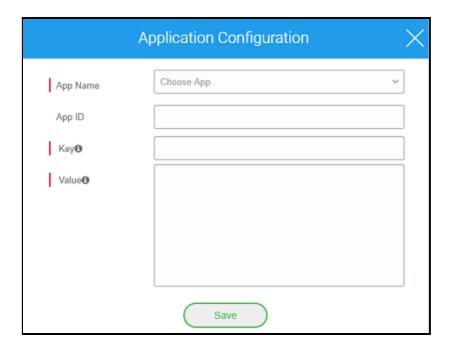


- 3. On **Profiles** screen, click **iOS** > **Add**.
- Under iOS MDM Profile screen, select Configuration Profile, enter Profile Name and click
   Configure.
- 5. In the **Configuration** section, click **Add**.



6. On the **Application Configuration** prompt, enter **Application Name**, **App ID**, **Key and Value** and click Save.





Newly created profile will get listed in the Profiles section.

- 7. Go back to **Home** tab and select the device(s) or a group.
- 8. Click **Apply** to launch **Apply Job** To **Device** prompt.
- 9. On **Apply Job** To **Device** prompt, select the created Configuration profile and click **Apply**.



# **View SureFox Log**

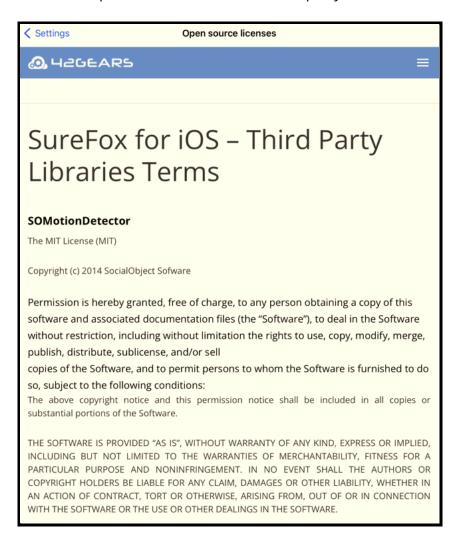
Use **View SureFox Log** option to see the log activities in **SureFox**.





## **Open Source Licenses**

This section provides information on third-party libraries used for SureFox and its terms.



## **About SureFox**

Displays the **SureFox** version running on the device.