i3HUDDLE LAUNCHER

IT ADMIN MANUAL

FOR i3HUDDLE LAUNCHER 2.1

i3-TECHNOLOGIES

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i3HUDDLE Launcher

The i3HUDDLE Launcher is a dashboard application with a simple and intuitive user interface that promotes company-wide user adoption. It includes all the key components required for local and remote collaboration:

1. **Conference** – Instantly access your chosen conferencing applications which can be set up in seconds using the Admin panel.

2. **Whiteboard** – Start making notes with one click and share your notes without using another device.

3. **Present** – Present content wirelessly from your PC, tablet or smartphone, independently from the operating system.

4. **Co-Create** – Open virtual meeting rooms and collaborate with remote colleagues on documents, without having to install anything.

5. **Bookmarks** – Add your favourite files, folders and web links to the dashboard and access them with one click.

In addition to the key components mentioned above, i3HUDDLE Launcher software includes several useful widgets:

1. Clock
2. Weather
3. Calendar (Office 365 calendar, MS Exchange account)
4. Windows logout/lock
5. Company logo

The dashboard comes with two layouts, Simple and Rich. They each contain different widgets, so the user can choose their preferred layout.

Conference

The conference button allows users to instantly start their preferred conferencing application such as Skype, Zoom, Skype for Business, Hangouts, etc., with one click of a button. Conferencing applications are set in the Admin panel.

"Conference" button configurations

To enable users to start a conference when they click the button, login to Admin panel and follow the steps below:

Click on '+ Choose default app' to set up to two applications. Browse to an application installed on your machine or add a URL to an online conferencing application.

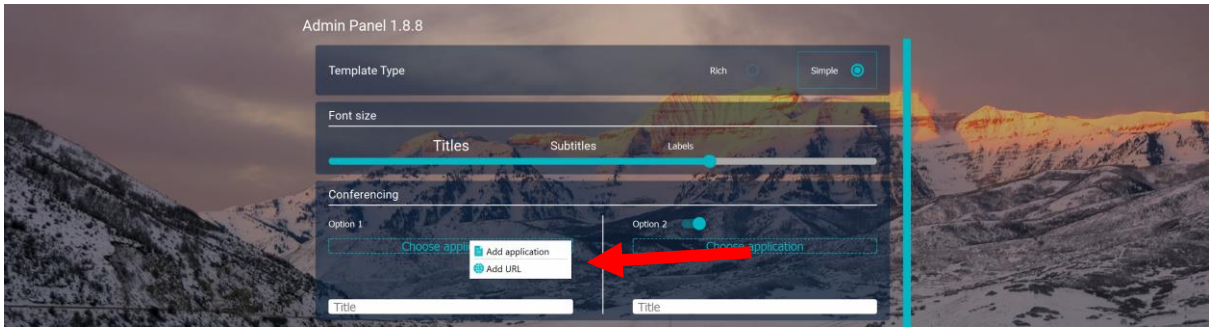


Figure 1 Step 1 --> Choose application

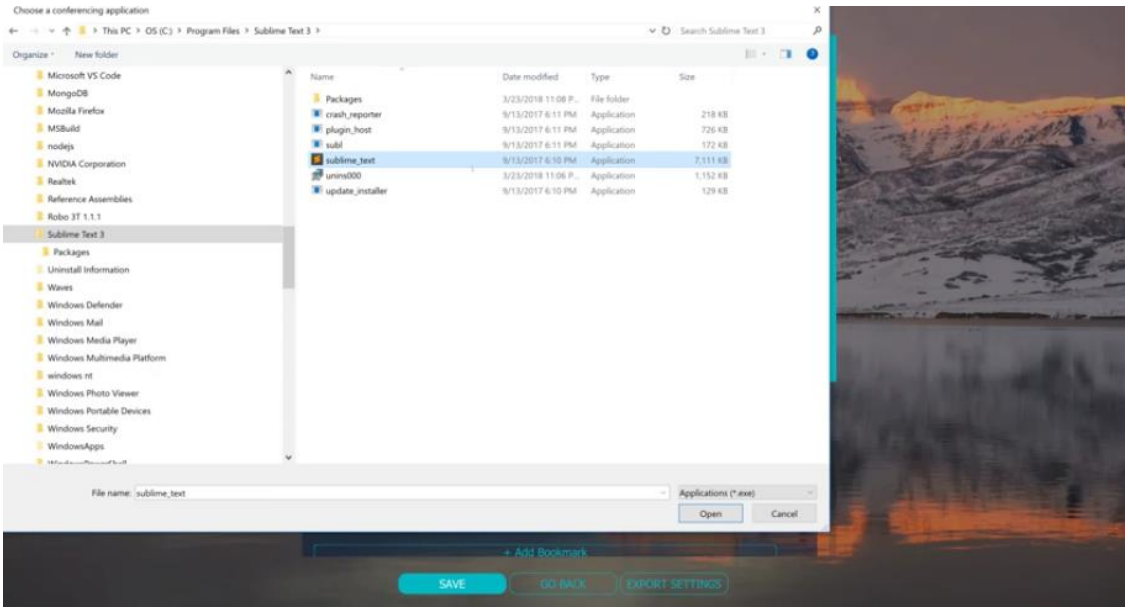


Figure 2 Step 2 --> a. Select Application

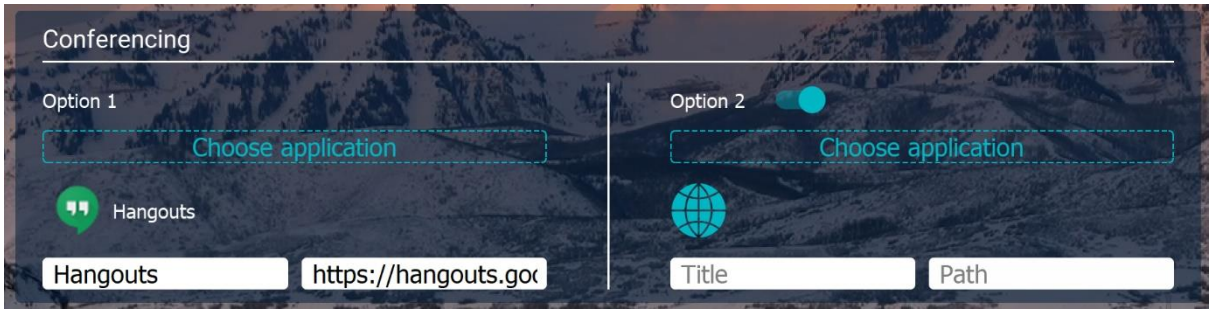


Figure 3 Step 2 --> b. Type URL

NOTE: Windows 10 UWP apps cannot be found as an *.exe on the file system. If you want to link this kind of app (eg. Skype from Microsoft Store) you need to create a shortcut (*.lnk) file first and then link the shortcut.

Once you completed the setup of the Conferencing button, you can access it from the dashboard. When no conferencing applications are set, the button will be greyed out.

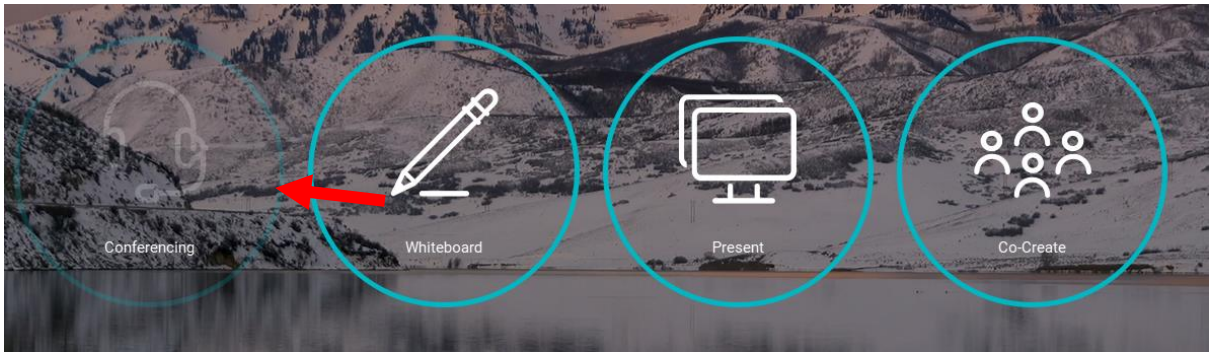
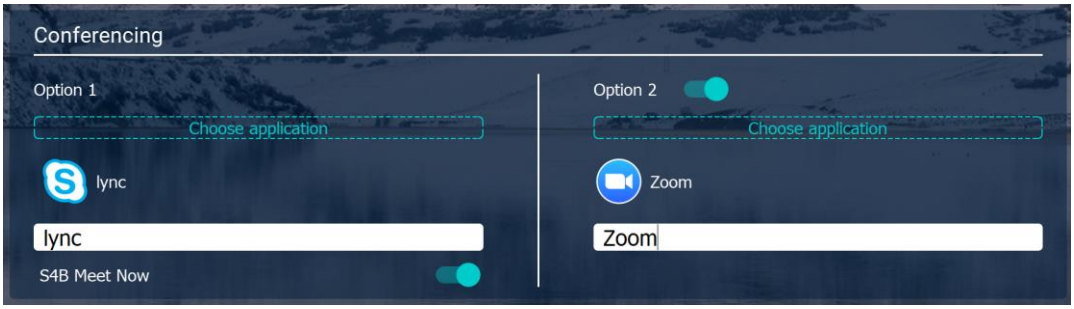


Figure 4 Conferencing --> no options selected

In case Skype or Business was selected as Conferencing application, a "meet now" option will appear in the admin panel. If enabled, when Conferencing button will be clicked on dashboard, a Skype for Businees new meeting window will appear.



Conferencing application icon and label

Both the application's label and icon will be displayed by the system on the i3HUDDLE Launcher dashboard. The application's label can be edited in the Admin panel by simply typing the desired name.

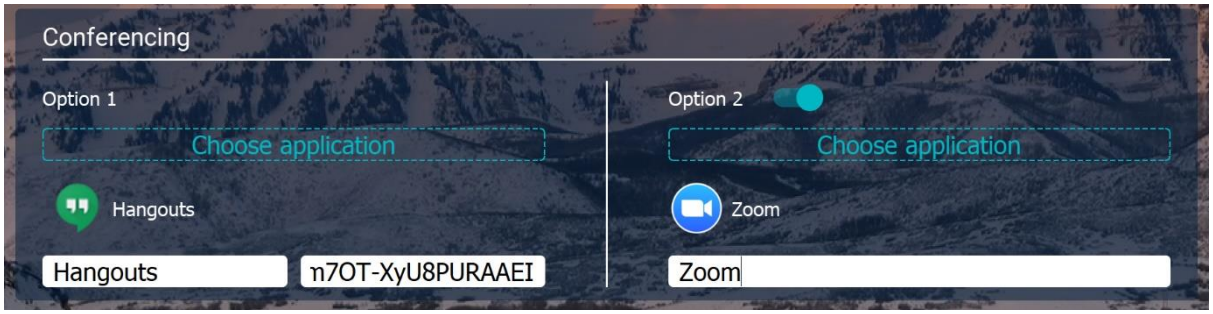


Figure 5 Conferencing --> Label Editing

Please note: Some conferencing applications (eg. Zoom) minimize to the system tray notification area when closed and might show unexpected behaviour when pressing the conference button afterwards (eg. new instance of the application is opened every time). For best results always choose the option 'do not minimize to notification area', if available.

Dual monitor extended desktop feature

If a second monitor is connected to the computer, the applications attached to the conferencing button will always open on the second monitor, while the I3HUDDLE Launcher will remain open on the main monitor.

Whiteboard

The whiteboard button enables users to take notes on a blank canvas (whiteboard) in just one click.

When a user clicks the "Whiteboard" button, the application i3NOTES+ will open.

Note: For the Whiteboard to work optimally, the i3HUDDLE suite needs to be installed, and the applications "i3NOTES+" and "Chrome" need to be added to the Windows Graphics Acceleration. Please refer to p27 "Performance tweak - GPU acceleration".

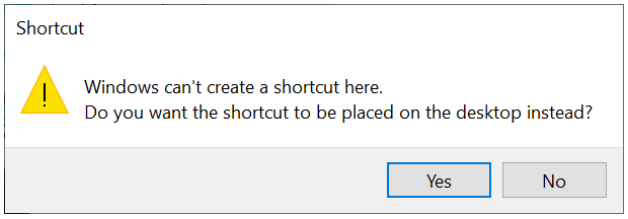
Whiteboard button configurations

The whiteboard button can be configured in the Admin panel where either i3NOTES+ or a custom application can be selected.

It is possible to use an UWP application to replace the default whiteboard application. To be able to do so, a link to the UWP application should be created first. That link can then be used.

Following steps explain how to make a shortcut for an UWP app (this might require elevated user permissions)

- From the start button execute run
- In the dialog enter “shell:AppsFolder”, click OK
- The application window will open. Right click the application and select “create shortcut”



- You will be prompted to place the link on the desktop, click yes to continue

Present

The Present button lets users share content wirelessly or via HDMI from their device.

After the user clicks the “Present” button on the i3HUDDLE Launcher dashboard, they can choose between four options to connect their device to the display:

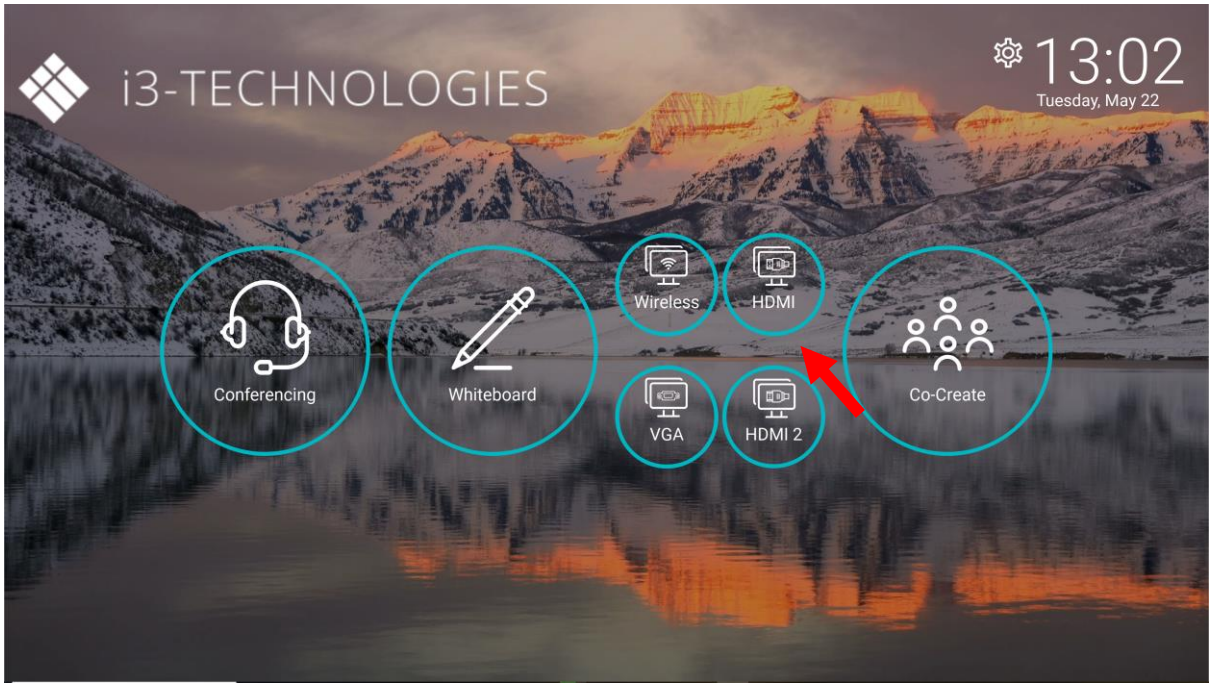


Figure 6 Present --> four options selected

"Present" button configurations

The Present button can be configured in the Admin panel. Sub-buttons can be enabled or disabled, their labels can be edited as well.

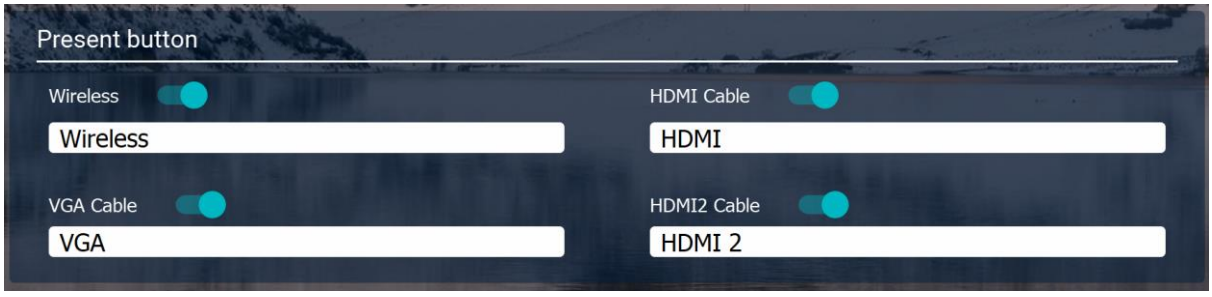


Figure 7 Present button

Wireless

Activate the i3ALLSYNC wireless screen sharing application.
Follow on screen operation instructions.

HDMI

Connect laptop via HDMI cable (or HDMI with USB) - this enables duplicate screen.

HDMI 2

The second port for HDMI cable

VGA Cable

Enable/disable connection via VGI cable

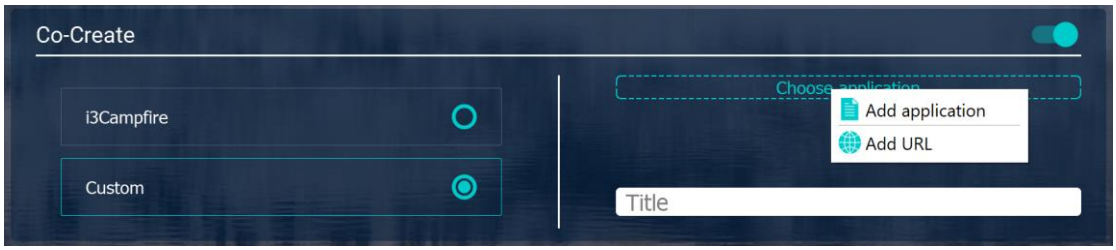
Note: For Present to work, the i3HUDDLE suite needs to be installed. Please refer to p25 “i3HUDDLE Suite Installation”.

Co-Create

Co-create allows users to instantly link with other interactive whiteboards and PCs for the ultimate real-time collaboration experience using the www.i3campfire.com application or any other application of choice.

“Co-Create” button configurations

The Co-create button can be configured in the Admin panel where either i3CAMPFIRE or custom application can be selected.



Note: For Co-Create to work with i3campfire, the i3HUDDLE suite needs to be installed. Please refer to “Installation section”.

In case user selected i3CAMPFIRE option, when Co-Create button is clicked, the i3SingleSignOn application will open. Upon login, i3CAMPFIRE application will open in a browser.

i3CAMPFIRE is a cloud-based collaboration platform that can be accessed anytime, anywhere and on any device.

Windows logout/lock

This feature displays the logged in Windows user's details (name and image) on the i3HUDDLE Launcher dashboard.

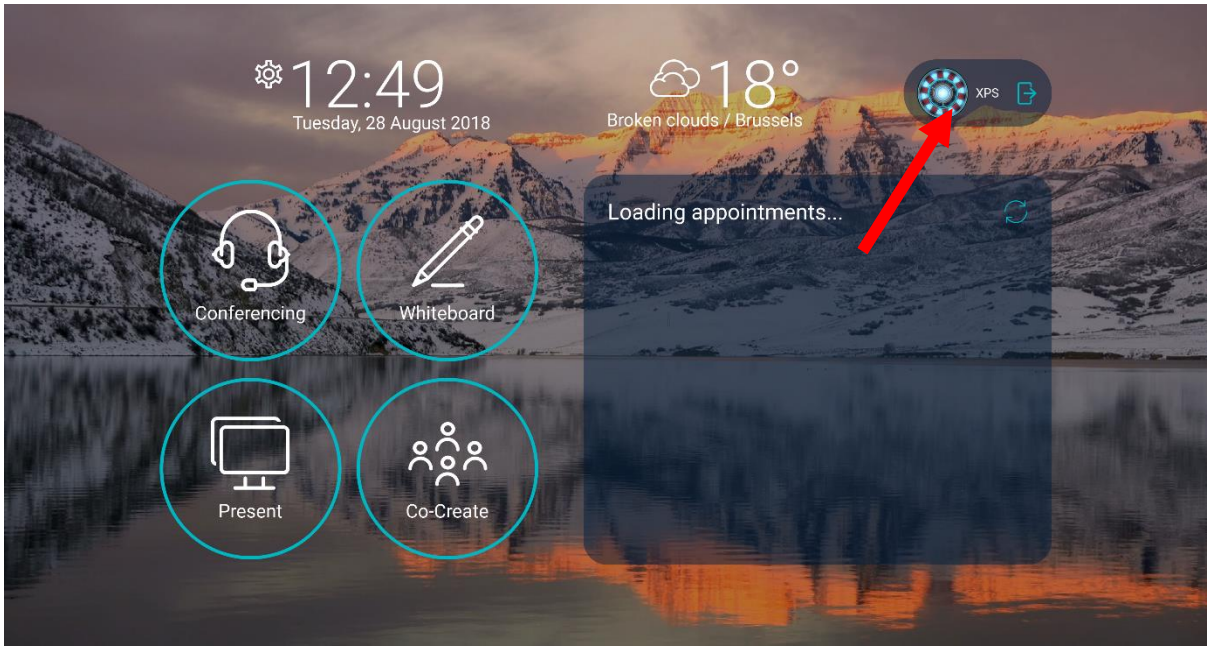


Figure 8 Dashboard --> Windows Logout/lock

Windows User Configuration

Login to the Admin panel to adjust Windows user display.

Figure 9 Admin Panel --> Windows User Configuration

The exit button can be configured to either log out of the Windows account, lock the Windows desktop or turn this feature on/off. This feature can also be toggled on/off from the dashboard.

Press 'log out' to log out of the Windows account.

Press 'lock' to lock the Windows desktop.

Slide the blue toggle to turn this feature on or off.

Bookmarks

Add an unlimited number of bookmarks for instant access. Bookmarks can be files, folders or web links and can be configured using the Admin panel.

NOTE: Web links will be opened with your default browser.

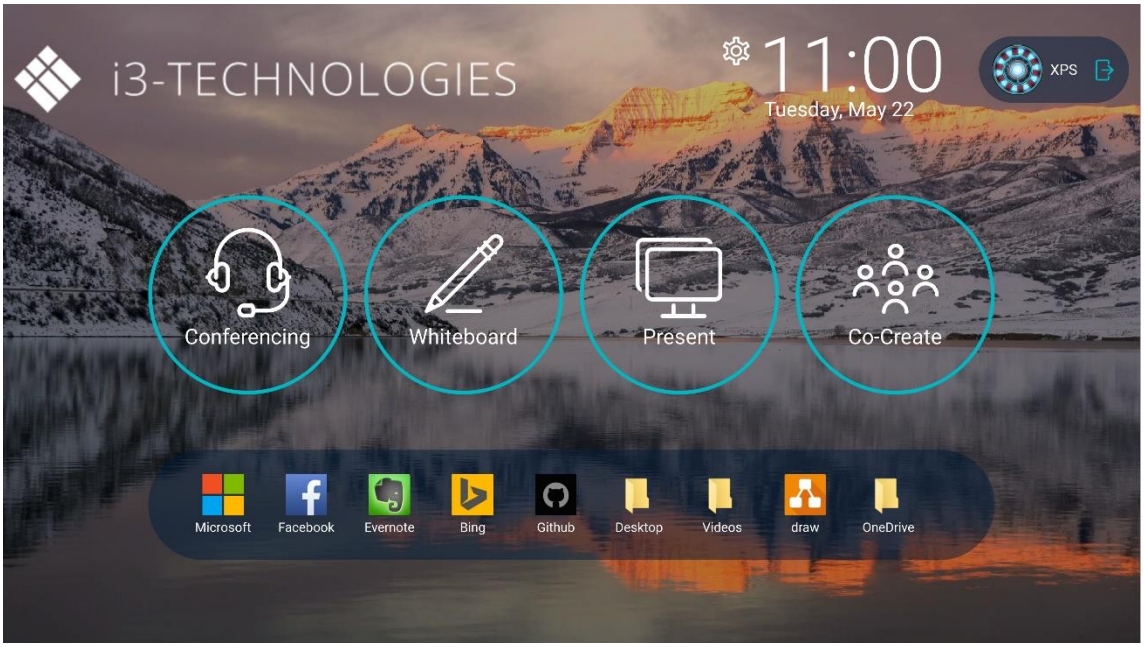


Figure 10 Dashboard --> Bookmarks

Configure bookmarks on the dashboard

1. Click "+ Add Bookmark"
2. Choose bookmark type (file, folder or URL). Names can be edited.
3. Drag and drop the bookmarks to change the order.
4. Click save.

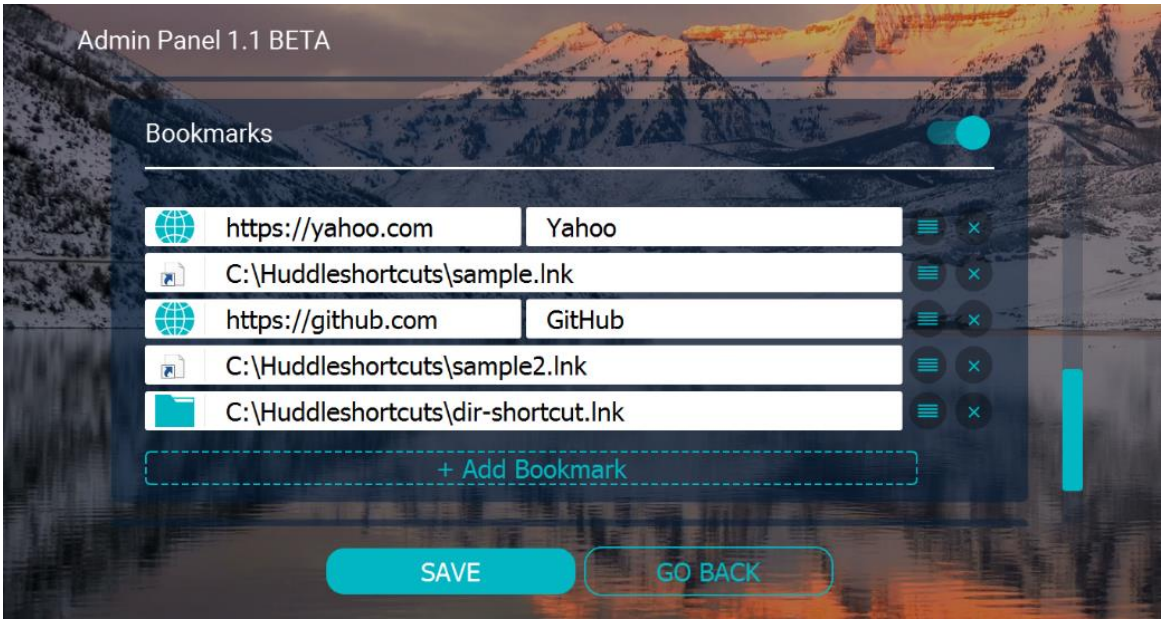


Figure 11 Admin Panel --> Bookmarks

Slide the blue toggle to turn on/off bookmarks from dashboard.

Admin Panel Features

Admin Panel Login

Click on the 'Settings' button on the i3HUDDLE Launcher dashboard to access Admin Panel login and choose your preferred configurations for the dashboard:

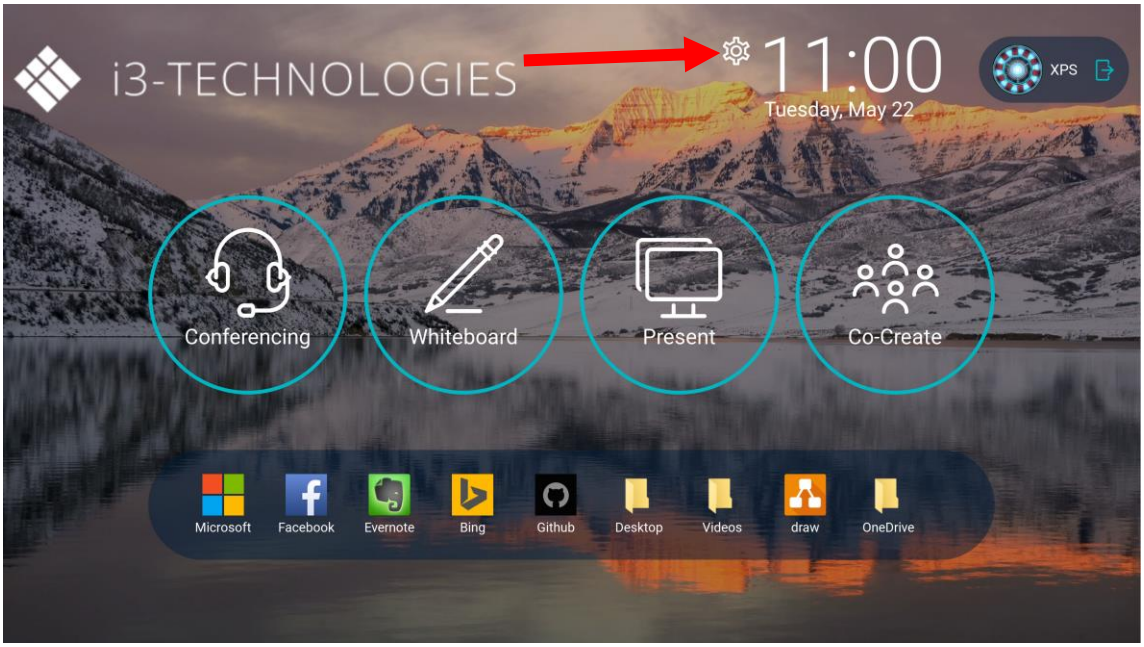


Figure 12 Dashboard --> Admin Panel Access

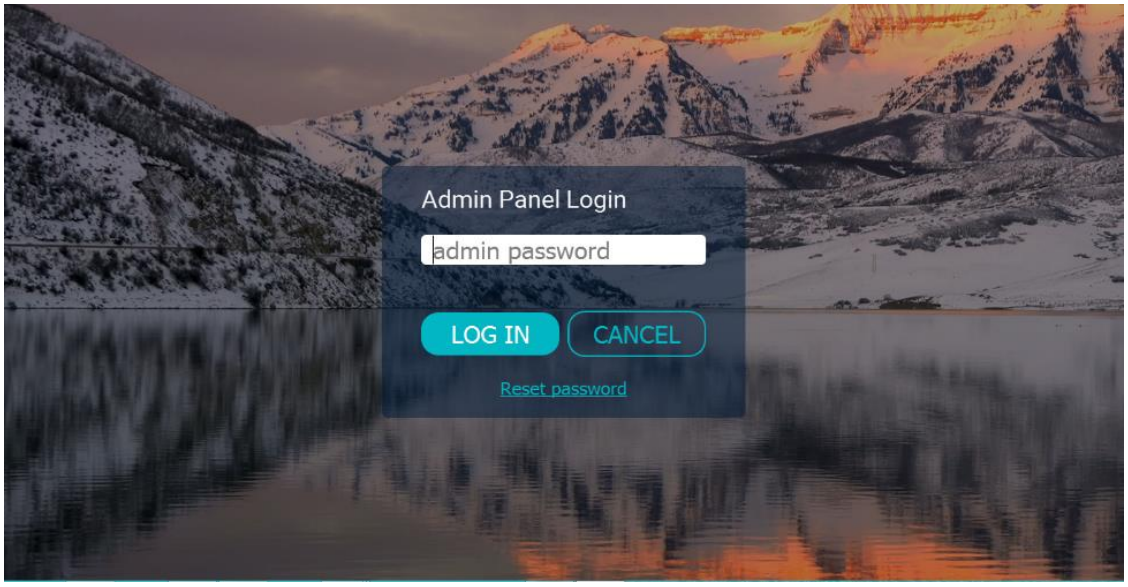


Figure 13 Admin Panel Login

The Admin panel login window will pop up.

When logging in to the Admin panel for the first time, type the default password: 3333

If you have forgotten your password, click the 'reset password' button and then type the default password (3333). A notification will be displayed explaining that your password was changed successfully.

Templates

There are two i3HUDDLE Launcher's dashboard layouts available: the Simple or Rich template.

Figure 14 Dashboard Templates

The Simple template has a more minimalistic look including the four main buttons, bookmarks, clock, company logo, windows logout/lock and access to the Admin panel.

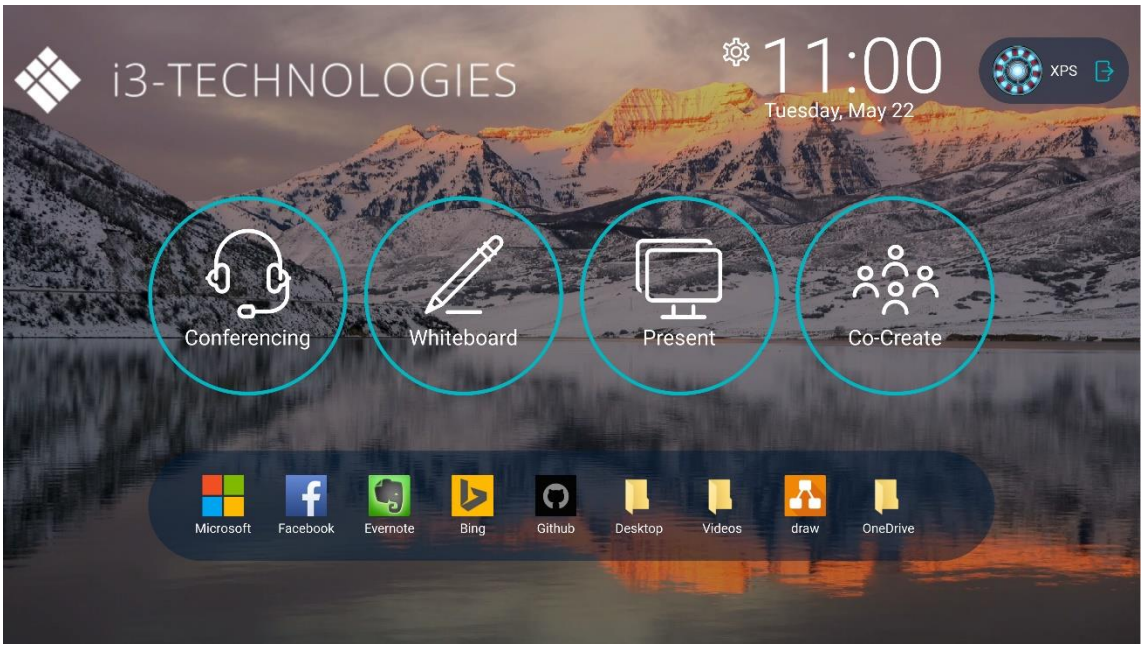


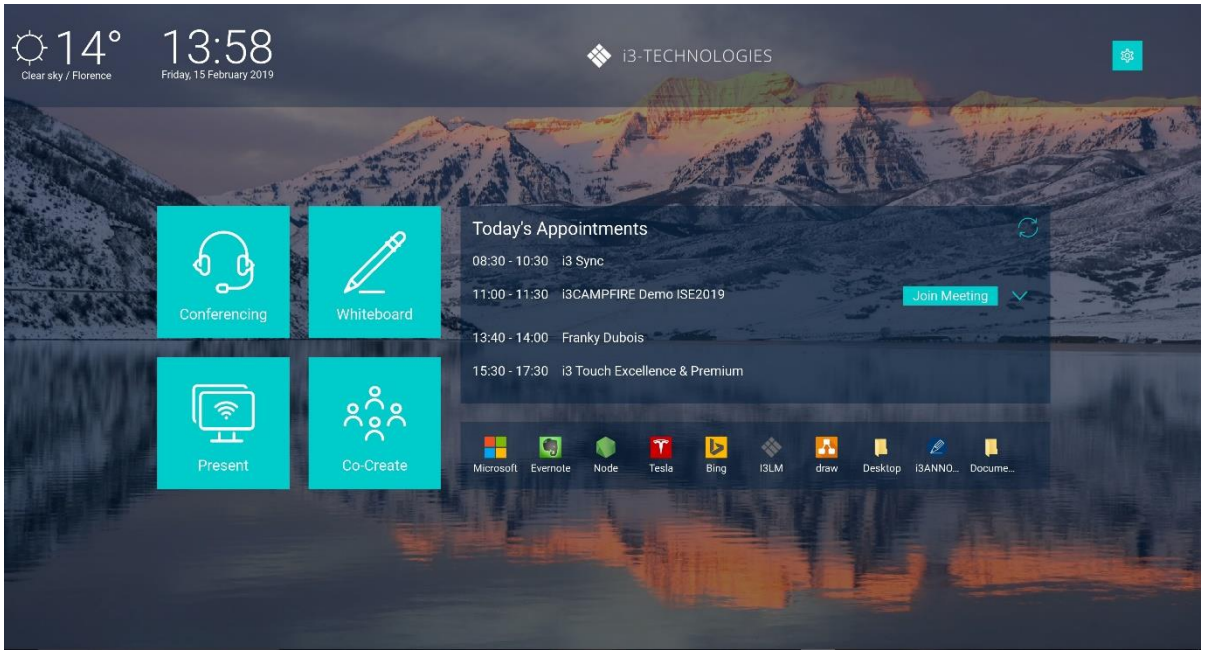
Figure 15 Simple Template

The Rich template has a more detailed look including the four main buttons, bookmarks, clock, weather widget, calendar/meetings, windows lock/logout and access to the Admin panel.

Figure 16 Rich Template

In addition, both Simple and Rich templates can have either Round or Square border style.

The difference between the two styles is that not only all the buttons and panels on dashboard are either rounded or in a form of square but also that Square border style introduces a strict grid as opposed to a loose grid which Round border style has



Font size

The font size is automatically adjusted based on your screen resolution, but it can also be adjusted manually in the Admin panel. Just drag the slider to change the font size, as seethe live preview of changes. Then click “Save”.

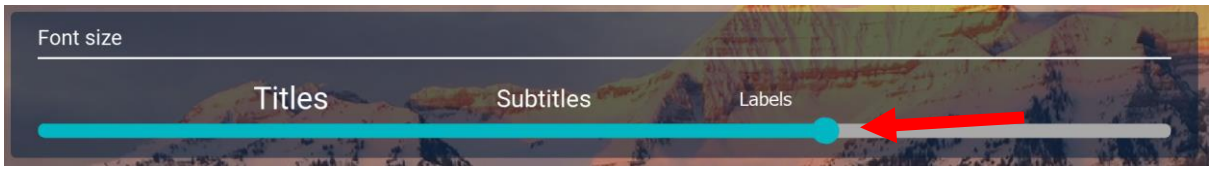


Figure 17 Admin Panel --> Font size selector

Background image/video

By default, a sample image is displayed on the i3HUDDLE Launcher dashboard. The image can be found inside the i3HUDDLE Launcher “Media” folder. Please do not change or delete “bkg_img_default.jpg” as it is part of the installation package.

To change the background, go to the Admin Panel’s “Background” section and click “Change”. Select the image from your PC, appropriate to your screen resolution, and click “Save”. The background image size should be in line with your screen resolution. Supported resolutions are described in “System requirements” section.

Acceptable images formats: PNG/JPG/BMP

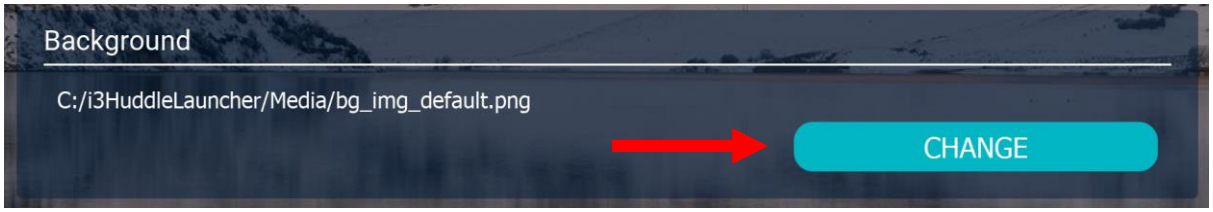


Figure 18 Admin Panel --> Background Change

A video background can be used as well, however, a codec pack such as K-Lite (https://www.codecguide.com/download_kl.htm) is required on your machine.

Acceptable videos formats: MP4. The background video is scaled to the screen resolution (up or down) without keeping the original proportions. For the best results upload a video which is proportional in size to the screen resolution, so the video won't de distorted by unsuitable scaling.

NOTE: running 4K video as a background may affect i3HUDDLE performance.

Custom logo image

The logo is only displayed on the Simple template.

By default, the "i3-Technologies" logo is displayed. Click the 'Change' logo button in the Admin panel to select a custom logo image to display.

Figure 19 Admin Panel --> Logo Change

For best results we recommend uploading a logo matching the resolutions below, which will result in your logo being displayed without any clipping or scaling.

UHD: 1728 x 216 px

FHD: 864 x 120 px

Acceptable image formats: PNG/SVG

Horizontal logos will look better because the logo occupies a rectangular area on the dashboard.

You do not need to match the exact size; however, your logo will be scaled up or down with respect for its proportions.

Password

Password Configurations

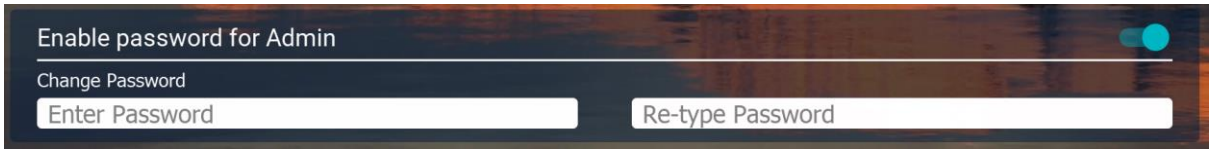


Figure 20 Admin Panel --> Password Configurations

To change the password for the i3HUDDLE Launcher, log in to the Admin panel, scroll to the bottom and simply enter the new password twice to confirm and click save.

Slide the blue toggle to turn password on or off.

Reset password

If an incorrect password is entered, an error message will appear - "Sorry, this password is incorrect".

Click ‘reset password’ button to start password reset and type the default ‘Master’ password (3333).

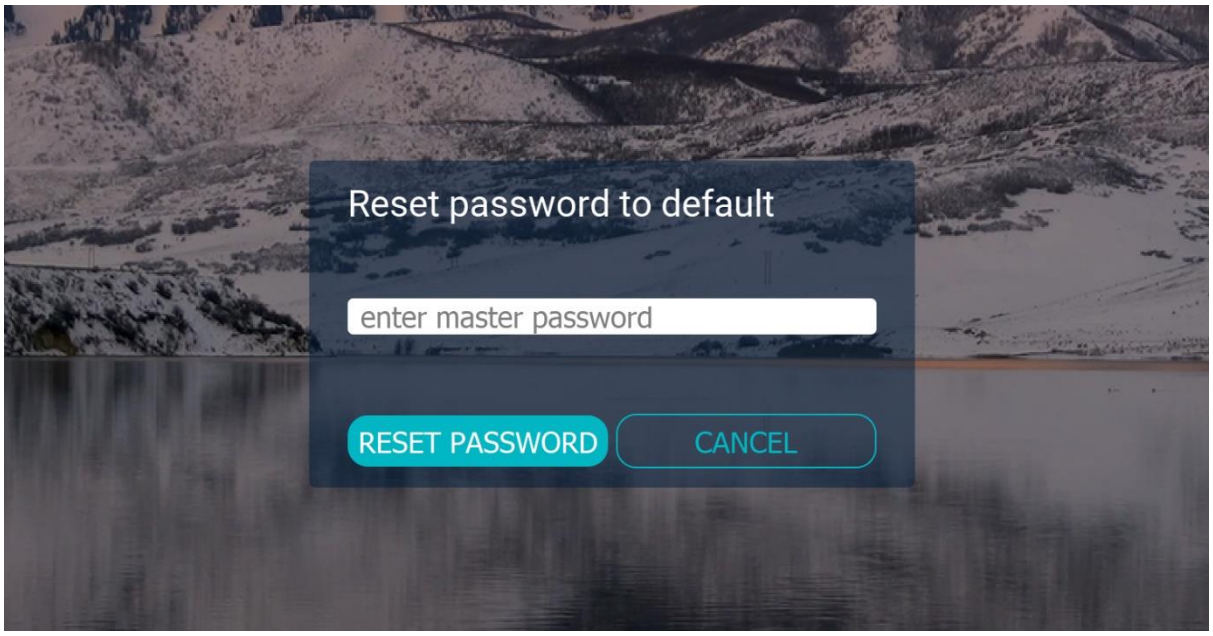


Figure 21 Reset password

Calendar

This feature lets users connect their Office 365, MS Exchange, or Microsoft Outlook mail account to display current meetings/calendar on the i3HUDDLE Launcher dashboard (Rich template only).

Configure Calendar Widget

Login to the Admin panel and scroll to Calendar Widget section.

Enter the credentials of the Office 365, MS Exchange, or Microsoft Outlook mail account you would like to connect to the i3HUDDLE Launcher. Press connect and save all changes.

Figure 22 Admin Panel --> Calendar

On the dashboard the scheduled meetings for the day will be displayed (meeting title, time and body). If the body of the meeting contains a SIP link, e.g. the link to join a Skype or Zoom meeting, the meeting details be accessible by clicking on the title of the meeting (in case of round template) or on the "join meeting" button (in case of square template). In addition to Skype or Zoom links, it is also possible to add custom links in admin panel which also will be extracted from a meeting body.

There is also "Manual update" button to update the calendar data immediately and not wait for the next automatic synchronization

By default, calendar meetings are public, except if user marks it as private when creating a meeting in outlook calendar. If private mode is enabled in admin panel, all meetings will have no title and body but instead only meeting host will be displayed.

Clock

Clock has 4 different modes. Double click on the clock (or swipe left/right for touchscreens) to switch between the modes.

1. Regular clock - displays the current time and date in AM/PM or 24h format, taken from Windows system.

Figure 23 Regular clock

2. Remaining time – displays the amount of time left in the current meeting.

Figure 24 Remaining time

3. Countdown timer – counts down the time which was entered by the user and displays the system notification at the end.

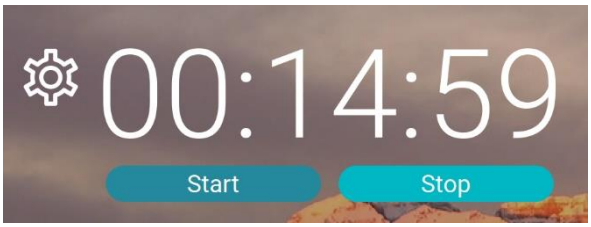


Figure 25 Countdown timer

4. Meeting cost – displays the cost of the current meeting. The User can select currency (USD, EUR and others) in admin panel, as well as, enter the cost of the current meeting per minute. The number of participants field is populated by default and can also be edited by the user.

Figure 26 Meeting Cost

Figure 27 Meeting Cost configurations

Weather

The city, for which the weather will be displayed, should be entered by the user via the Admin Panel. Country code (e.g. "fr", "de", "us") is optional but it helps to avoid the issue with cities which have the same name in different countries.

Note: Internet connection is required for the weather function to work.

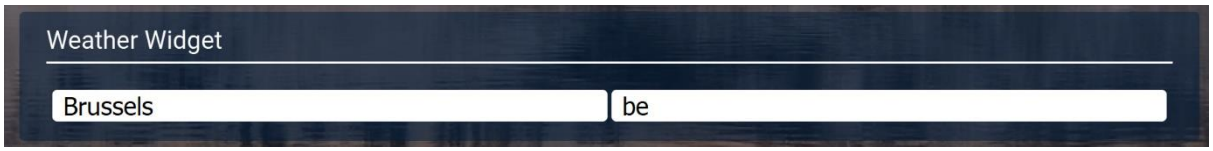


Figure 28 Weather Configurations

Interface Color

Teal (Robin egg) is the default color used in the application. You can switch it to one of the other predefined colors or enter RGB value of your custom color and then click "SAVE".

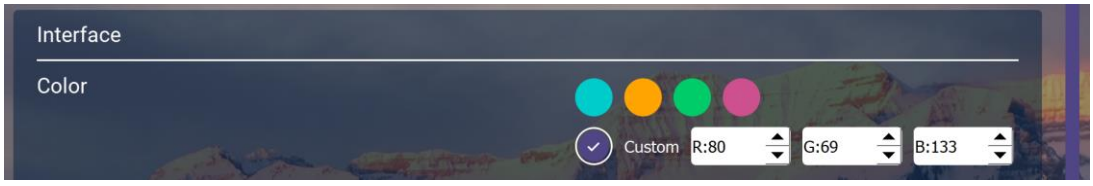


Figure Interface Color

Interface Language

The language of the application is determined based on the System language. Date for the clock is also taken from the System.

For now, only English and Dutch are supported.

Export Launcher settings to other devices or profiles

Once preferences have been set and the appearance of the launcher finalised, export the settings by pressing the 'Export Settings' button in the Admin panel.

Figure 29 Admin Panel --> Export Settings

Exporting these settings, allows other users to import your customised settings.

The export file is in the "Documents" folder on your local device.

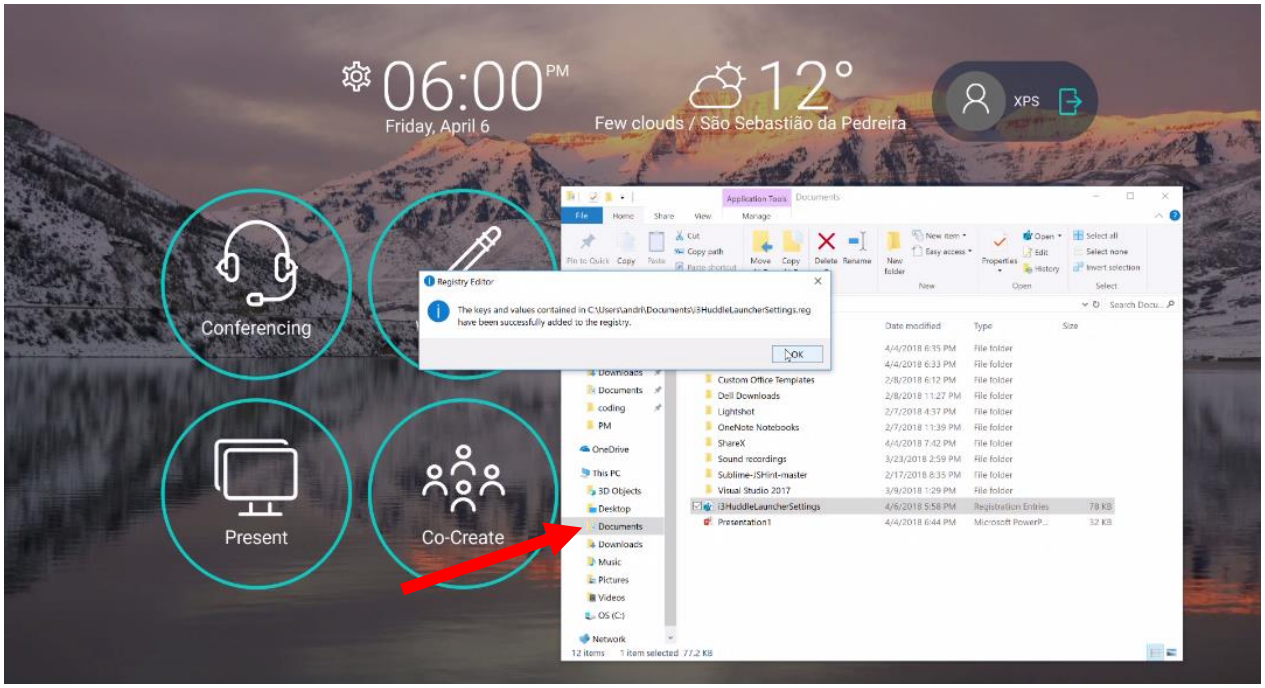


Figure 30 Settings exported

Another user may import the settings simply by double clicking on the file in the I3HUDDLE Launcher folder.

This system can also be used for remote configuration. Please refer to page 28 "Remote i3HUDDLE Launcher Configuration for more information".

i3HUDDLE Launcher updates

Updates will be detected automatically (if server connection is available). When an update is available:

1. A pop-up system notification will inform the user about the update. Click on the notification to be directed to the Admin panel.
2. A description of the update will be provided in the Admin Panel. By clicking "update" the application will restart, and installation will start.
3. After installation, the dashboard will open and there will be a notification if the installation was successful.

A link to release notes of the latest release is always available on the top right corner of the admin panel.

i3HUDDLE Configuration

System requirements

- OS: Windows 10 64-bit.
- Resolution: from 1920×1080 px (Full HD) to 4096 x 2160 px (4K*)
- i3HUDDLE-PC MT21
- Internet connection is required for initial installation, to access some of the features, (Weather, Calendar, i3HUDDLE Launcher updates) and for periodic license validation (every 30d)

* for optimal writing performance, we recommend utilizing the i3HUDDLE-PC in FHD resolution.

Default configuration

Before you start

Network and firewall

The i3HUDDLE Suite installer bootstrap requires an active internet connection as the latest installation files are retrieved from i3-Technologies' servers.

Out-of-the-box i3HUDDLE experience

For customers who require an out-of-the-box solution, i3HUDDLE comes with a fully installed i3HUDDLE Launcher system which can be configured through a standard Windows 10 Out-of-The-Box Experience (OOBE), leading the customer through the standard Windows setup and activation screens.

Custom configuration

Before you start

Network and firewall

The i3HUDDLE Suite installer bootstrap requires an active internet connection as the latest installation files are retrieved from i3-Technologies' servers.

For easy deployment, the launcher PC modules can be separated from the display and are compatible with standard power, display and network cables.

i3HUDDLE specific drivers are required. These are available on the CD-ROM supplied with the device, or via Windows Update.

Post installation tasks

- The i3HUDDLE suite apps need to be installed. See also "i3HUDDLE Suite Installation" on page 25

- The i3HUDDLE Launcher needs to be configured. See also "Export Launcher settings to other devices or profiles" p22

Extract serial number from BIOS
The i3HUDDLE PC modules' BIOS contains a unique serial number for enterprise grade administration.

Large installations (>50)

For large (>50) installations, provide your fully configured master image to i3-Technologies upfront, and receive your PC modules pre-installed and pre-configured.
Please get in touch with your sales representative for more information.

i3HUDDLE Suite Installation

Before you start

Network and firewall

The i3HUDDLE Suite installer bootstrap requires an active internet connection as the latest installation files are retrieved from i3-Technologies' servers.

1-click installation

The i3HUDDLE Suite can be installed using the MSI downloadable at http://updates.i3sw.i3-technologies.com/bootstrapper/i3HuddleSuitInstaller.exe

The following apps will be installed:
IMPORTANT: these assets a required for the i3HUDDLE Launcher to function correctly.

- I3HUDDLE Firmware Updater
  The i3HUDDLE Firmware Updater app makes it possible to deliver OTA Firmware updates without any IT Admin intervention. The i3HUDDLE Firmware Updater app will trigger a notification, asking the user for permission to update.

- i3License Manager
  The License manager included in the package will handle licensing for all the i3 applications. It will detect the hardware id and validate the license online. This requires an active internet connection. Each i3 application needs to be started with an active internet connection at least once, to be able to get a valid license.

- i3NOTES+
  Make sure the I3NOTES+ application is installed, this is needed for the "Whiteboard" button to work. The app registers itself in the windows registry: Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\App Paths\i3Notes+.exe.

- i3ALLSYNC
  Make sure the i3ALLSYNC application is installed, this is needed for the "present wireless" button to work. The app registers itself in the windows registry: Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\App Paths\i3ALLSYNC Receiver.exe.

- i3SingleSignon
  Make sure the i3SingleSignOn application is installed, this is needed for "Co-create" button to work. It will bring up a dialog which allows to enter i3Campfire credentials. The app will then open i3Campfire application in a default browser window. The app registers itself in the windows registry: Computer\HKEY_LOCAL_MACHINE\SOFTWARE\Microsoft\Windows\CurrentVersion\App Paths\i3SingleSignOn.exe.

Drivers

PLEASE NOTE: i3HUDDLE specific drivers are required. See also page 24 "Custom configuration".

Command line parameters

The bootstrapper can be installed as a regular installer or command line. Make sure to start the command prompt or the bootstrapper .exe with administrator privileges.

Please Note: It's best to uninstall any previously installed apps before installing the bootstrapper.

When installing from command line, you can pass the following parameters: retrieve this list by passing the /? parameter.

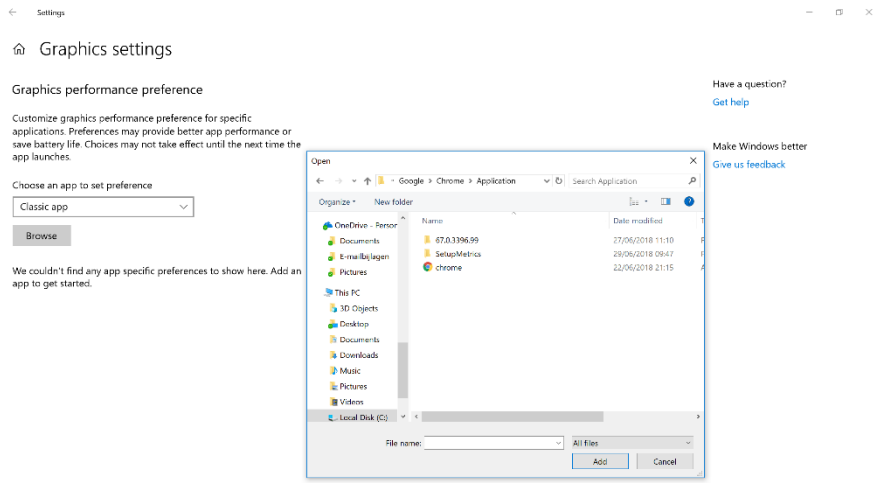
Command	Feature
/passive	Displays minimal UI without prompts By default, UI and all prompts are displayed
/quiet	Displays no UI and no prompts By default, UI and all prompts are displayed
/install	Install (default)
/repair	Repair
/uninstall	Uninstall
/layout	Creates a complete local copy of the bundle in the directory.
/norestart	Suppress any attempts to restart. By default, the UI will prompt before restart
/log log.txt	Logs to a specific file. By default, log files are created in %TEMP%

Performance tweak - GPU acceleration

The i3HUDDLE PC is equipped with an advanced GPU. Please make sure to configure Windows to process i3NOTES+ and Chrome through the GPU only.

You can add the apps under Settings > Display > Graphics settings.
In the file picker, browse to:

C:\Program Files (x86)\i3NOTES+\ i3NOTES+.exe and
C:\Program Files (x86)\Google\Chrome\Application\chrome.exe



Security

Erase local files after the meeting

Using the Windows 10 Group Policies, you can configure the i3HUDDLE Launcher to erase its settings every time a user logs out.

i3HUDDLE Launcher stores its settings under HKEY_CURRENT_USER\Software\i3-Technologies\i3HuddleLauncher registry branch.

To clean the settings, e.g. the MS Exchange credentials, a logoff script may be applied that sets the following values for the branch:

1. isMSEchangeActive=0
2. MSExchangeUser=""
3. MSEchangePass=""

isMSEchangeActive must be of type DWORD, MSExchangeUser and MSEchangePass must be of type STRING.

Co-create and i3NOTES+ both use the i3 single sign on helper app. This allows to persist an i3Campfire session on the device. The oauth token is stored in an encrypted file in this locaction: C:\Users\CURRENT_USER\AppData\Local\i3-Technologies

Erasing those files will remove the session and require the user to enter his credentials

Delay updates

To prevent automatic updates, block the following domain in your firewall: updates.i3sw.i3-technologies.com

Remote i3HUDDLE Launcher Configuration

i3HUDDLE Launcher can be configured over the network by pushing your exported i3HuddleLauncherSettings.reg file to all desired devices using standard configuration tools such as SCCM.
See also page 22 “Export Launcher settings to other devices or profiles”.

Device Management

OTA (over-the-air) Firmware updates

How it works

The i3HUDDLE is made to deliver OTA Firmware updates without any IT Admin intervention.

The i3HUDDLE Firmware Updater app will trigger a notification, asking the user for permission to update.

When given, the app will download the firmware to the drive, reboot the system and run the new firmware automatically.

Downloading is a background process during which the device can be used normally. The reboot sequence will take about 3 minutes.

Delaying or denying updates

If you want to delay or deny the updates, block internet access to:
ota-updates.i3sw.i3-technologies.com

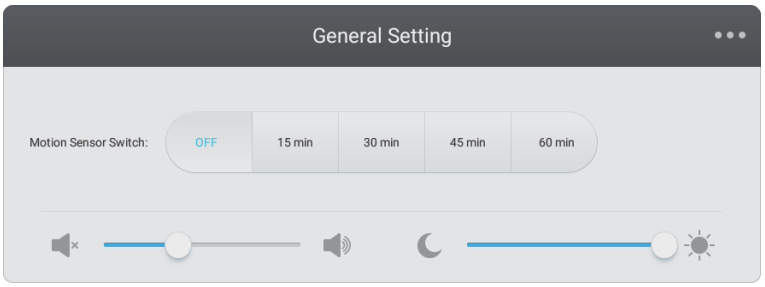
The firmware file (about 2GB) can be accessed from a Proxy if needed.

Motion Presence detection

The i3HUDDLE panel is equipped with a motion sensor for presence detection. The display will go into power-saving mode automatically when no presence is detected during a configurable amount of time and will wake again instantly when presence is detected.

Additionally, i3HUDDLE Launcher can be configured to either lock the device or sign out the active user when no presence is detected for a configurable amount of time (through Admin menu).

Swipe up from bottom screen bezel to show the general displays settings menu pane.

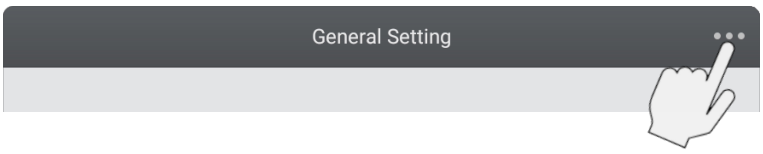


Select 15 minutes, 30 minutes, 45 minutes or 60 minutes to enter power saving mode when no motion presence is detected. Select OFF to disable the motion detection sensor.

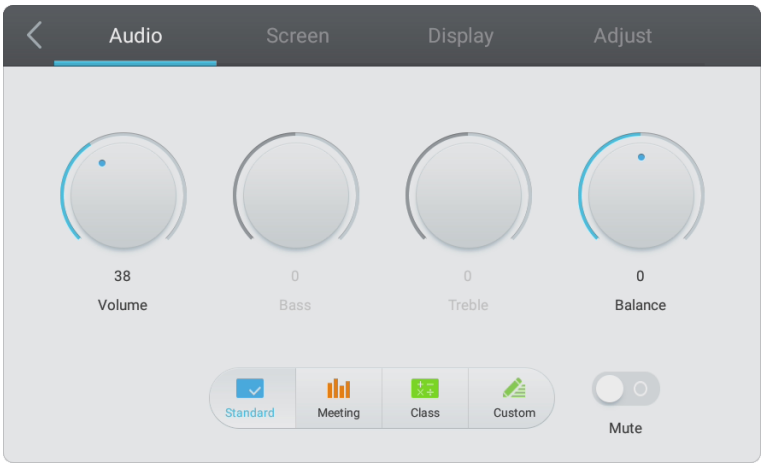
Quick-access for Volume and Brightness settings are also available in this pane.

Display Settings

Swipe up from bottom screen bezel to show the general display settings menu pane and press the top-right icon to enter display settings menu.

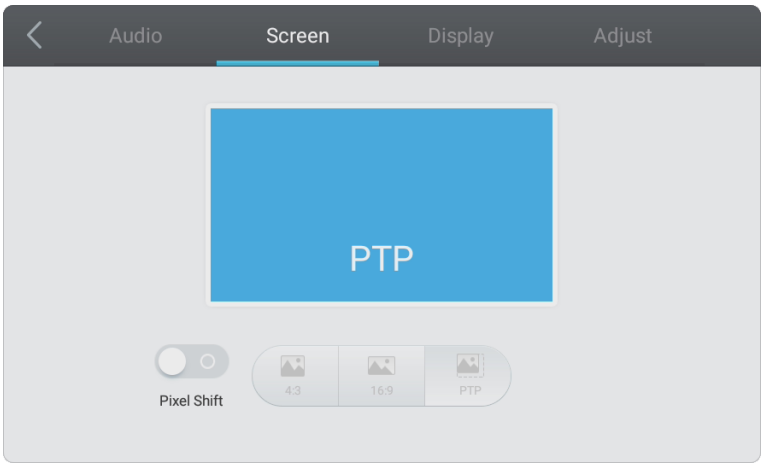


Display Audio Settings



Control the volume of the display manually, or select an equalizer setting.

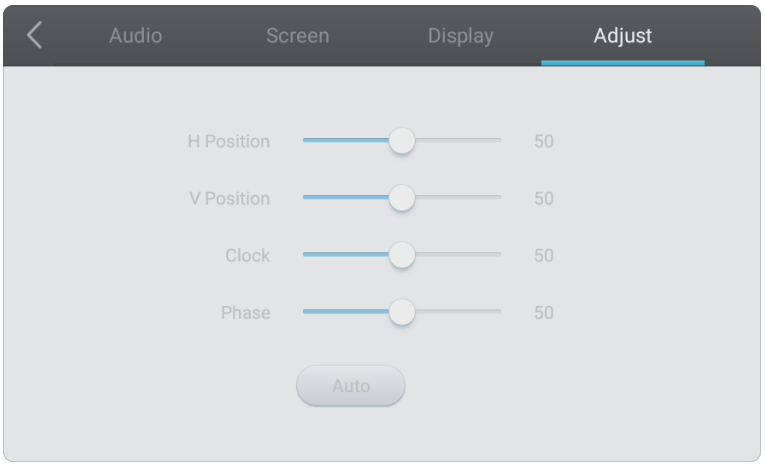
Display Screen Settings



Change the signal input resolution to force a 4:3 format or 16:9 format (full screen). Select PTP (peer to peer) to use the original aspect format of the input signal itself.

Select a preset configuration to adjust the brightness, contrast, hue, and sharpness of the image, or manually set a custom configuration.

VGA Adjustments



When displaying the VGA signal input source, clock, phase, and position adjustments are available to make sure that your signal is displayed correctly. Adjust clock and phase if the VGA signal appears to have frequency distortion.

Link to the latest copy of the manual is always available on the top right corner of the admin panel of the i3HUDDLE Launcher application.