



User manual

SignMeeting Rooming'it

Version 1.13.10 019A_en

June 2019

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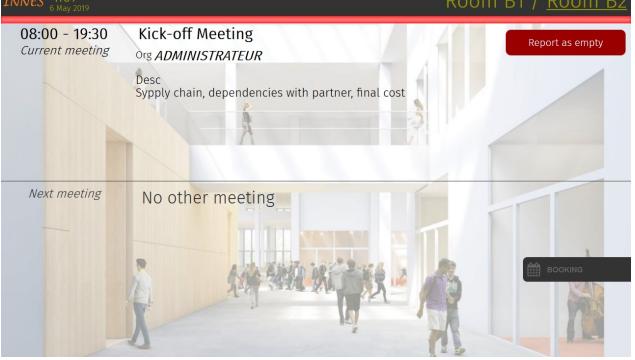
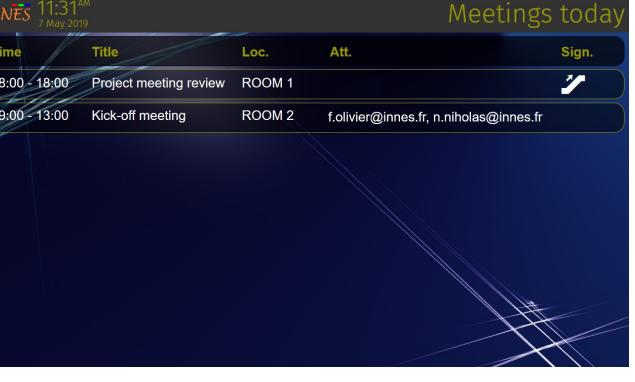
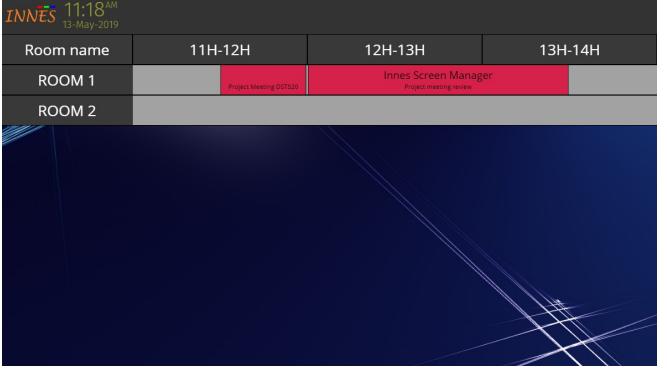
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1 Introduction

The goal of this document is to explain how to use and configure **SignMeeting Rooming'it**.

SignMeeting Rooming'it is dedicated to work with these calendar system versions: **Rooming'it Version 6.X**

SignMeeting can be used with 4 kinds of screen layouts:

<p>Room screen</p> <p>Installed on device SMT210 (supporting touch screen) which is placed close to the meeting room door, the App allows to:</p> <ul style="list-style-type: none"> Display current meeting on first line and next meeting on second line Support the instant booking by easy button pressing Support booking of current room connected in real time to calendar system 	<p>Room label</p> <p>Installed on SMH300 device, which is connected to several SLATE106 devices (greyscale display), which are placed close to the meeting room door, the App allows to:</p> <ul style="list-style-type: none"> Display the current meeting at the half top of the screen (or the next meeting if there is no current meeting taking place now) Display the second meeting at the half bottom of the screen (when a previous meeting is announced at the half top of the screen) <p>Note that the refresh periodicity is 15 minutes for the SLATE106</p>
	<p>7/5/19 ROOM 2</p> <p>09:00 - 13:00 Kick-off meeting Innes Screen Manager</p> <p>Next meeting No other meeting</p> <p>Check In Check Out</p>
<p>Summary screen by event</p> <p>Installed on any INNES device connected to information screen, the App allows to:</p> <p>Display in a list a subset of meetings taking place on several room on a dedicated day (or part of day) in a list.</p> <p>In this mode, sign pictogram can be displayed as well for each meeting room to improve the signalization, for example helping attendees to find the different rooms places: left/right arrow, up/downstairs, lift, cloakroom...</p> <p>With this layout mode, several pages can be displayed in case much resource</p>	<p>Summary screen by resource</p> <p>Installed on any INNES device connected to information screen, the App allows to display a subset of meetings taking place on several room on a dedicated day (or part of day) with a calendar overview.</p> <p>In this layout mode, several pages can be displayed in case much resources.</p>
	

1.1 Compatibility

The following versions must be used

- | | |
|--|---|
| • SignMeeting | V1.13.10 |
| • Screen composer G3 | V3.20.15 (or above) |
| <i>The version 3.20.15 is required to support the migration of the existing SignMeeting project</i> | |
| • Media player | |
| ○ Gekkota OS 4 | V4.11.10 (or above) |
| ○ Gekkota OS 3 | V3.12.57 (or above) |
| ○ Gekkota RT 3 | V3.12.59 (or above) |
| • CSS Script | |
| ○ Room label | signmeting_theme_room_screen_V1.13.10.css |
| ○ Room Screen | signmeting_theme_room_screen_V1.13.10.css |
| ○ Summary screen by resource | signmeeting_theme_summarization_by_resource_1.13.10.css |
| <i>note: legacy CSS on the field are compatible with the SignMeeting version</i> | |
| • Custom script example | |
| ○ meetingControlDistech_1.13.10.js | |
| ○ meetingControlDoor_1.13.10.js | |
| ○ ... | |
| <i>note: legacy meetingControl<>1.12.XX.js on the field may be not compatible with Gekkota 4</i> | |

The configuration of SignMeeting could require also some system data only held by system administrator system

1.1 RFU

The items stamped “RFU” are meaning that the function is not yet working and is reserved for future use.

2 Installation/Upgrade

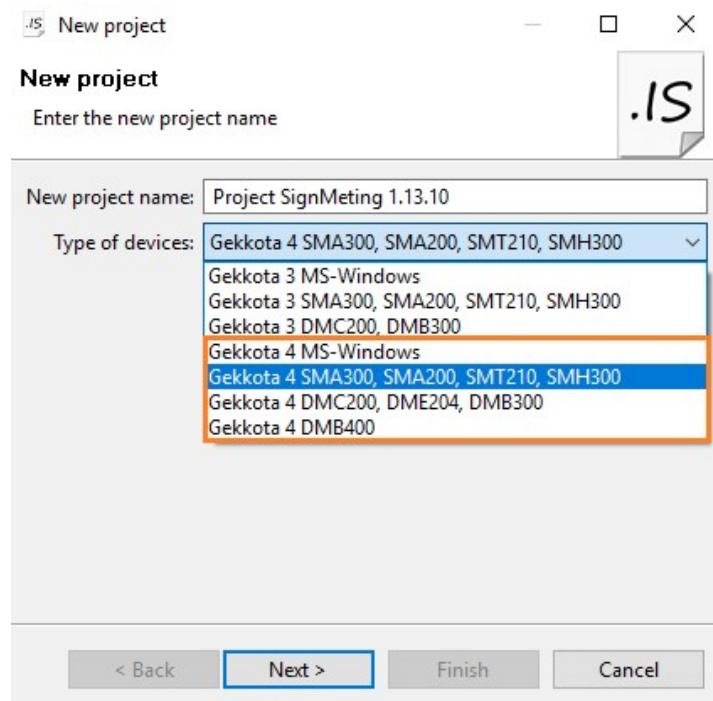
2.1 New project SignMeeting with Screen Composer

Ensure you are working with **Screen Composer V3.20.15**. If not, install it.

Open **Screen Composer** and create a new project :



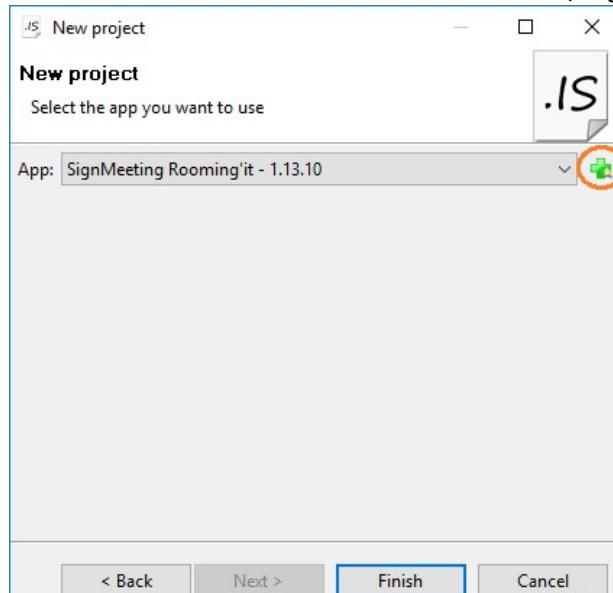
Whatever you device, select a **Gekkota 4** project type among the list:



For example **Gekkota 4 SMA300, SMA200, SMT210, SMH300**.

Press **Next**.

In the scrolling list, choose **SignMeeting Rooming IT – 1.13.10**. If this SignMeeting App version has never been installed, import it by loading the .appi file with button . Check that is is the lastet available version by connecting to <https://www.innes.pro> > support > Screen Composer G3 > App.



To configure **SignMeeting** inside **Screen Composer**, click on the link (like shown below):



2.2 Project SignMeeting: upgrade

Ensure you are working with **Screen Composer V3.20.15**. If not, install it.

Open **Screen Composer** and open an existing **SignMeeting** project. And select '**Import templates or apps**':



Then, press on the link [Configure "SignMeeting Rooming'it"](#) to edit the form.

Do click on **Finish** button to complete the version upgrade.

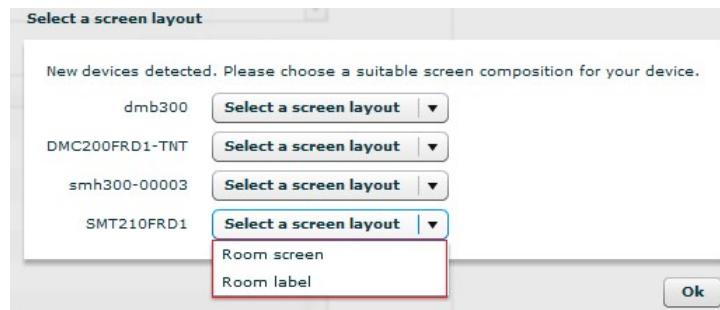
3 System tab

To configure SignMeeting, open the project SignMeeting, click on [Configure “SignMeeting Rooming’it”](#) then click on **System tab**:



When some devices are registered for your project, it is required to select a default layout for each of your devices.

Only the choices “**Room screen**” and “**Room label**” are proposed at this step for new project.



Example:



It is possible to create afterwards some new others layout types like

- **Room screen** (for SMT210)
- **Room label** (for SMH300 connected to SLATE106 devices)
- **Summary screen by event**
 - Landscape
 - Portrait
- **Summary screen by resource**
 - Landscape
 - Portrait

3.1 Datasource tab

The **Datasource** tab allows to:

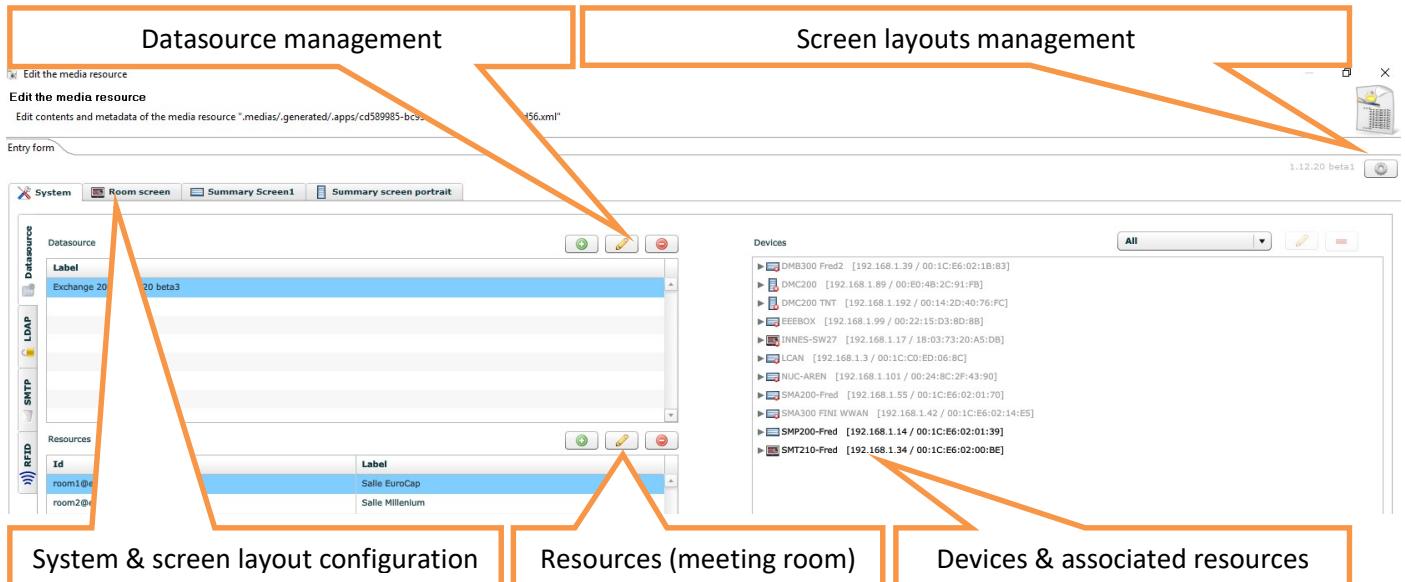
- Configure the interface with one or several Roomin'it calendar server(s) by defining
 - The server URL,
 - The account user & password
 - The Room id according to the Rooming'it calendar system
 - One datasource for each calendar system
 - *Ex: datasource1 => Rooming-it 1*
 - Meeting room resource1
 - Meeting room resource2
 - Meeting room resource3
 - *Ex: datasource2 => Rooming-it 2*
 - Meeting room resourceA
 - Meeting room resourceB
 - Meeting room resourceC
- Configure the Devices by defining
 - The meeting room resource affectation
 - The different screen layouts
 - **Room screen**
 - **Room label**
 - **Summary screen by event** (landscape, portrait)
 - **Summary screen by resource** (landscape, portrait)

The configuration of the datasource can be done easily in 3 steps:

1. Add and configure the datasource
 - For example:
 - Rooming'it server1,
 - Rooming'it server2
2. For each datasource, add and configure the meeting room resource's names
 - For example:
 - Meeting room R01,
 - Meeting room R02
3. Add one or several meeting room resources to some devices
 - For example:
 - PlayerA
 - Meeting room 1
 - PlayerB
 - Meeting room 2
 - Meeting room 3

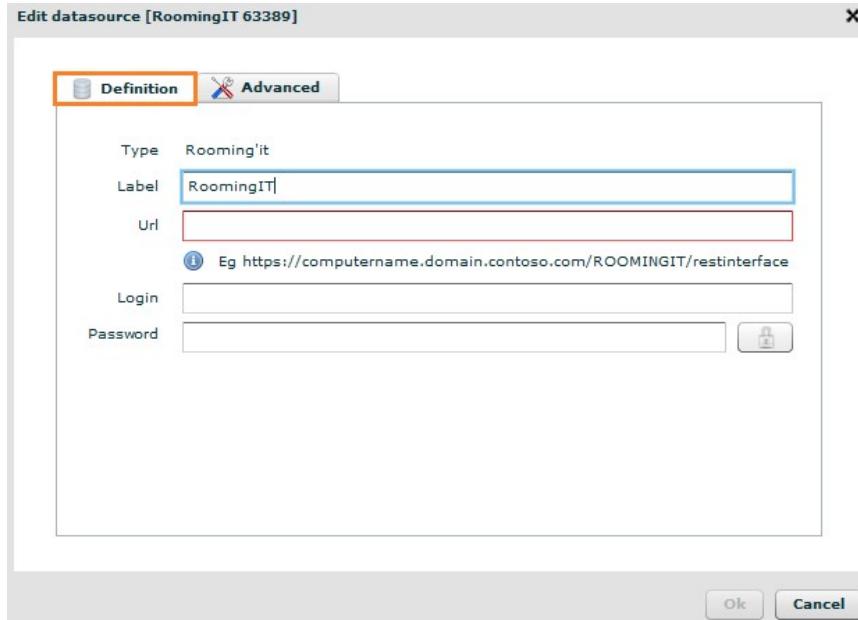
The Devices can share a same resource if required.

But 2 datasources can not shared the same resource.



3.1.1 Datasource: definition

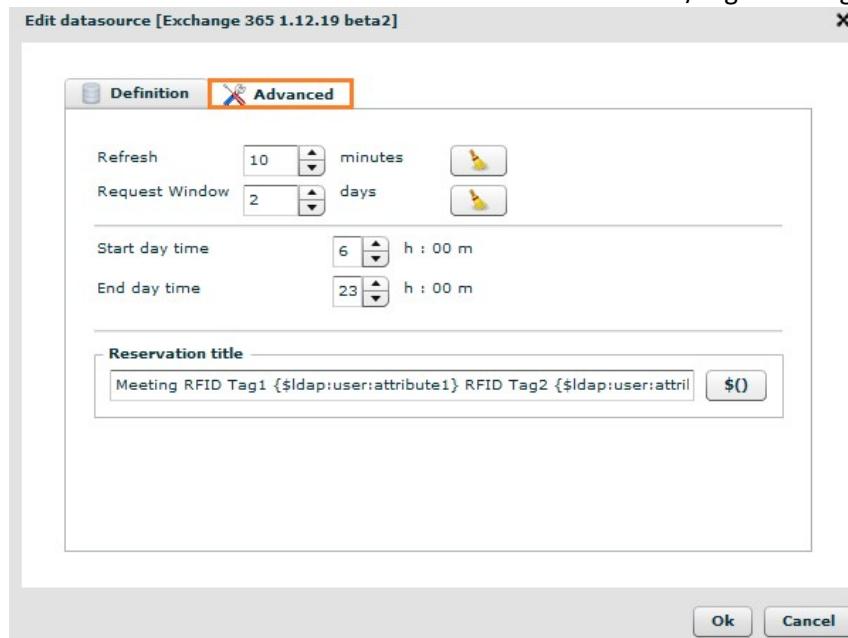
The **Datasource** tab allows to configure the interface to connect to Rooming'it calendar system.



- The **Label** field is free text.
- The **URL** must contain the right path to the Rooming IT Web service.
- The **Login** and **Password** to connect to Web service

3.1.2 Datasource: advanced options

The advanced options allows to configure these parameters:



The Refresh time:

- Defining the periodicity alarm information updates
 - Ex: every 10 minute

The Request Window:

- Defining the number of days retrieved from the datasource
 - Ex: 3 days of meetings

The Start/End day time:

- Defining the working time (start time, stop time) in the booking screen.

The Reservation title:

- Defining the pattern used to generate an automatic title label when adding a new meeting with **Room Screen** layout. It accepts free text and/or predefined variables.
 - The default pattern (V1.12.19 or above) is:

```
Meeting from {$calendar-event:time:start} to {$calendar-event:time:end} -  
{$calendar-event:location}
```

Corresponding to this title label value rendering

```
Meeting from 11 :00 to 12 :00 - Salle380
```

It is possible to add or delete some variables.

To delete a variable, set the focus just before the variable

```
Meeting from {$calendar-event:time:start} to {$calendar-event:time:end} - |{$calendar-  
event:location}
```

And press on **DEL** key

```
Meeting from {$calendar-event:time:start} to {$calendar-event:time:end} -
```

To add a variable, set the focus where you want* in the input, then push on the button . The available variables are:

Type	Name	Value
LDAP	ldap:rfid-tag:attribute1 ldap:rfid-tag:attribute2	A large range of attribute value of LDAP can be displayed (rfid-tag dn). Ex (LDAP) : in case Attribute 1 = Displayname, the name and firstname of badge owner will be displayed inside the title Ex : (serveur Briva LDAP V3.10.12) : in case Attribute 1 = registration, the matricule of badge owner will be displayed
Pin Code (RFU)	ldap:pin-code:attribute1 ldap:pin-code:attribute2	NC (RFU)
User	ldap:user:attribute1 ldap:user:attribute2	Idem LDAP but in the user dn
Meeting start/end	calendar-event:time:start calendar-event:time:end calendar-event:time:interval	Meeting start time Meeting end time Meeting start-end time
Meeting location	calendar-event:location	Room name
Random number	math:random:2digit-number	Random number from 1 to 99

When using variables in the title: in case the meeting is modified, **SignMeeting** does not upgrade variable value of meeting title according to, especially when using calendar-event values:time values.

Don't set the focus inside a variable else the button becomes not active

Note: the types LDAP, Pin Code and User are referring to LDAP panel

Edit the media resource

Edit contents and metadata of the media resource ".medias/generated/.apps/cd589985-bc93-409a-8fbe-ed09ac557d56.xml"

Entry form

1.12.20 beta1



The screenshot shows the 'Edit the media resource' interface with the 'System' tab selected. On the left, a sidebar lists 'Datasource', 'LDAP', 'SMTP', 'RFID', and 'Room screen'. The 'LDAP' tab is highlighted with an orange border. In the main area, there's a section for 'Activate LDAP' with a checked checkbox and a URL input field containing 'ldap://192.168.1.51'. Below this is an 'Authentication' section with a checked checkbox, a 'Login' input field containing 'cn=Administrator,cn=Users,dc=exchange2007,dc=innes,dc=pro', and a 'Password' input field with masked text. A table below lists resources: 'RFID tag' (Enabled, Search: 'cn=Functions,dc=exch', Root: '(objectClass=user)', Attribute(s): 'cn, mail, sAMAccountName, uid, badgeID, cn, codePage'), 'PIN Code (RFU)' (Disabled, Search: 'cn=PIN,dc=exch', Root: '(objectClass=user)', Attribute(s): 'cn, mail, sAMAccountName, uid, crossReference'), and 'User' (Enabled, Search: 'cn=Users,dc=exchange2007,dc=innes,dc=pro', Root: '(objectClass=user)', Attribute(s): 'cn, mail, sAMAccountName, uid, cn, codePage'). Each row has an 'Edit' button.

3.1.3 Datasource: resources

To edit the datasource resources for a given datasource,

- Select the **datasource** (to activate the focus) then
- Click on **Add**, **Delete** or **Modify** the resource

The screenshot shows the 'Datasource' configuration interface. On the left, a sidebar lists 'Datasource', 'LDAP', 'SMTP', and 'RFID'. The 'Datasource' tab is selected. The main area has two sections: 'Label' and 'Resources'. The 'Label' section contains a single entry: 'Exchange 2007 1.12.20 beta3'. The 'Resources' section contains a table with two entries:

ID	Label
room1@exchange2007.innes.pro	Salle EuroCap
room2@exchange2007.innes.pro	Salle Millennium

The resource ID **must match exactly** with the resource ID defined in the Rooming'it calendar system.

The room name displayed on the device can be defined manually with an optional label

The screenshot shows the 'Edit resource' dialog box for 'Salle20@innesrd.onmicrosoft.com (Room R20)' in 'datasource [EWS Office 365]'. It has two tabs: 'Id' and 'Label'. The 'Id' tab shows the ID 'Room20@innesrd.onmicrosoft.com'. The 'Label' tab is active, showing a checked checkbox for 'Label'. Under 'Label', there are three radio button options: 'Text' (selected, value 'Room R20'), 'Exchange lookup, use Id to get complete name', and 'Exchange lookup, use Id to get short name'. At the bottom are 'Ok' and 'Cancel' buttons.

SignMeeting can display different sort of labels depending on your configuration:

- The meeting room resource's **label** if it is defined else
- The meeting room resource's **Id** if the label is not defined

Note: if the checkbox label is activated, label becomes mandatory.

3.1.4 Datasource: device configuration

3.1.4.1 Devices: toolbar

The device toolbar allows to:

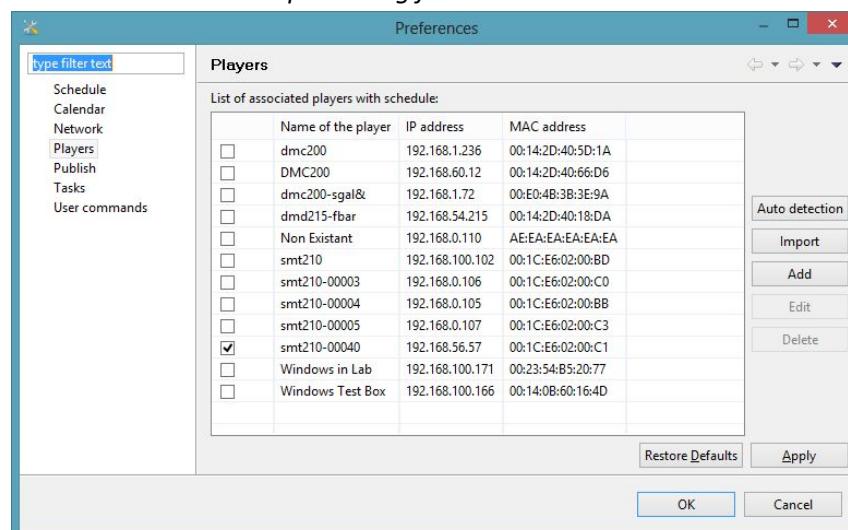
- Filter the devices by layout type
 - All
 - Room screen only
 - Room label only
 - Summarization by event only
 - Summarization by resource only
- Edit a device configuration (to activate for example the LDAP authentication)
- Delete a resource linked to a device



3.1.4.2 Register the devices in Screen Composer

To be used in **SignMeeting** project, the devices need to be registered first in **Screen Composer**:

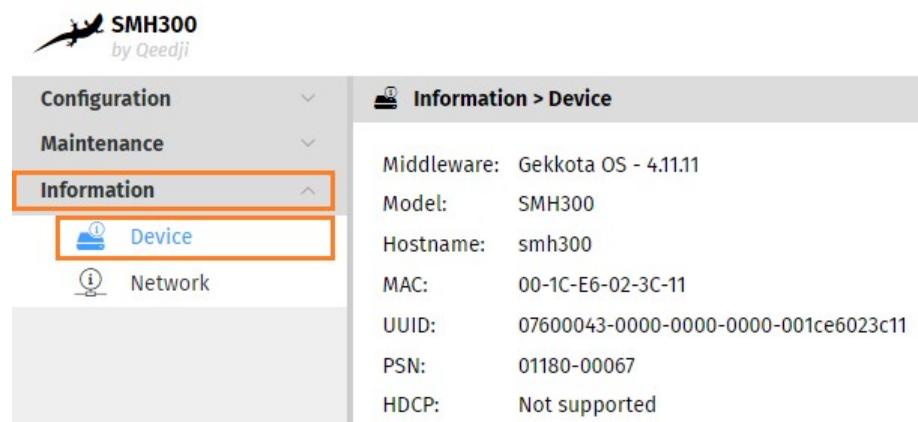
- **Menu Settings,**
 - **Preferences,**
 - **Devices:** to register the devices and
 - **Publish:** to activate the publishing function



⚠: for each player enter a valid IP address else **SignMeeting** could not work properly.

If Upnp is supported on your network, the more efficient way to register the device is to select it among a list of devices by using the auto-detection button.

The applicable MAC address value is the same whatever the used LAN interface (Ethernet cable or WLAN). The MAC address value to be used in any case is shown in the device WebUI in the menu **Information** then menu **Device**.

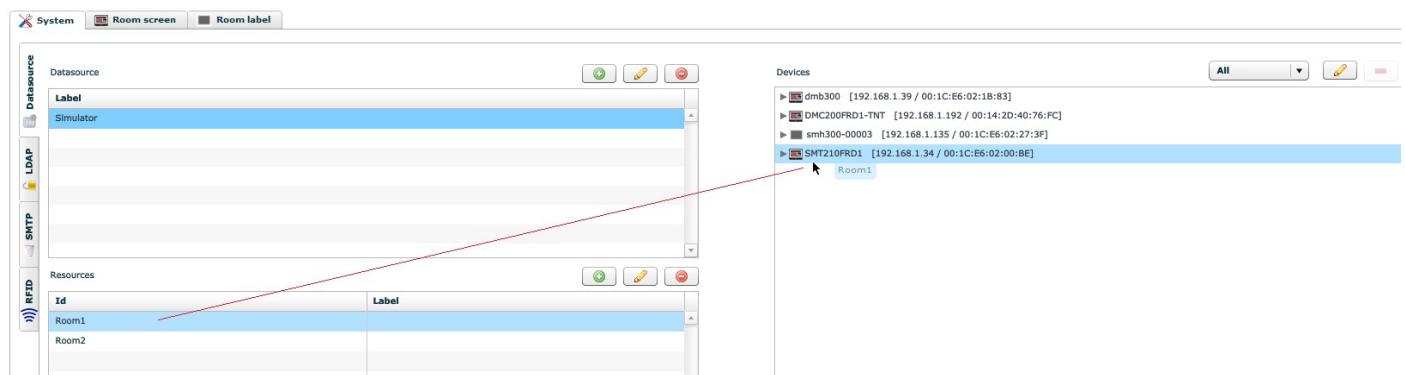


Information > Device	
Middleware:	Gekkota OS - 4.11.11
Model:	SMH300
Hostname:	smh300
MAC:	00-1C-E6-02-3C-11
UUID:	07600043-0000-0000-0000-001ce6023c11
PSN:	01180-00067
HDCP:	Not supported

⚠ When the WLAN interface is used for a specific device, using an invalid MAC address or a wrong MAC address for the registered device, **SignMeeting** should display a black screen for this device.

3.1.4.3 Resource affectation to a device

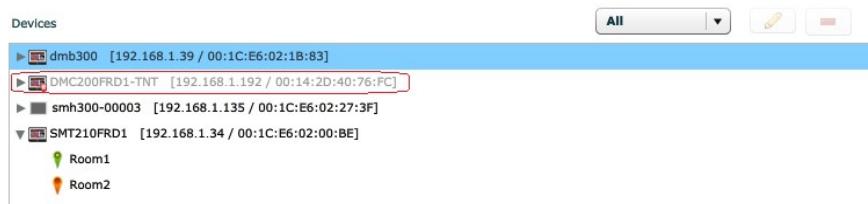
Once Devices are registered, drag and drop the required meeting room resources towards the device screen to affect them to a specific device



It is possible to affect a same meeting room resource to 2 or more devices.

A One meeting room resource can be affected to only one datasource.

A device greyed (with red stamp) means that the device has been added in **SignMeeting** but is not yet registered in **Screen Composer**.



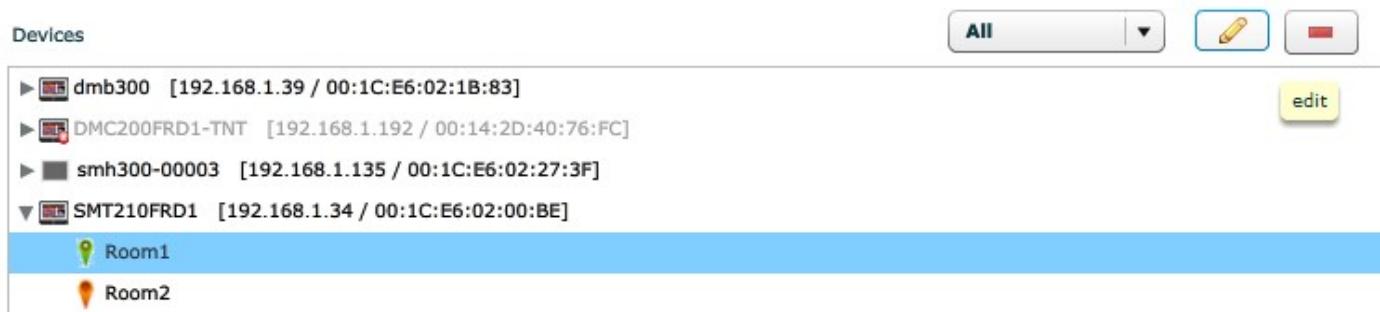
Note: There is only one datasource for a given resource

A device with red stamp means that the device has been added in **SignMeeting** but is not present anymore in **Screen Composer**.

3.1.4.4 Resources configuration

The resource display property can be modified.

Click on a resource (ex: **Room1**) and select **Edit** button



Two options can be activated:

- **Show events for this room on the main page**
 - In case this option is not activated, the meetings for this room are disappearing from the list displayed on the monitor
- **Show this room in the reservation screen**
 - In case this option is not activated, the meetings for this room are disappearing from the list of book-able rooms



3.1.4.4.1 Colour code for resource status

The resource status colour is changing according to the combination of the choices below

Salle1@innesrd.onmicrosoft.com (SL01F) Salle2@innesrd.onmicrosoft.com (SL02F) Salle3@innesrd.onmicrosoft.com (room202F) Salle4@innesrd.onmicrosoft.com (Salle 4)	Green : when both options are activated Blue : when only the first option is checked (main page) Orange : when only the second option is activated (reservation page) White : when none of both options is activated
---	---

3.1.4.4.2 Pictograms

When the resource is linked to a device in **summary screen** layout, it is possible to improve the room signalization by adding pictograms to guide the attendees to find the room (arrow, stairs, lift) or to add function description for a room (for example: cloakroom pictogram).

Click on a resource affected to a player and press button **Edit**.



Note it is possible to use:

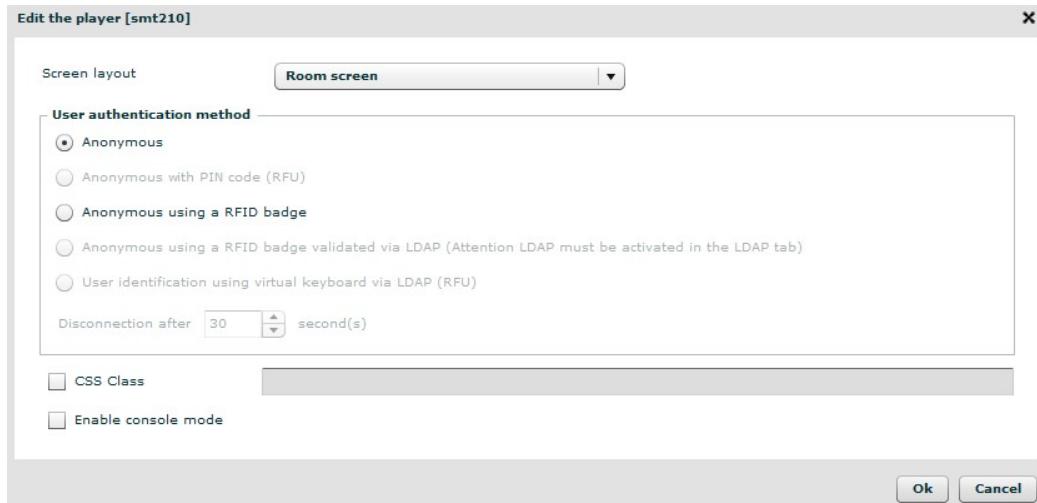
- Predefined pictograms (library of 72 pictograms) or
- Any other pictograms (generally custom .png files with transparency)

3.1.4.5 Datasource: device configuration with SignMeeting

3.1.4.5.1 Affect a new screen layout to a player

Select a player in the list and click on **Edit** button.

In the **Screen layout** drop list, select one of the available layouts:



The icons are showing the chosen screen layout

- Room screen
- Room label
- Summary screen by event – landscape
- Summary screen by event – portrait
- Summary screen by resource



When a new **SignMeeting** project is created, only 2 screen layouts instances are available:

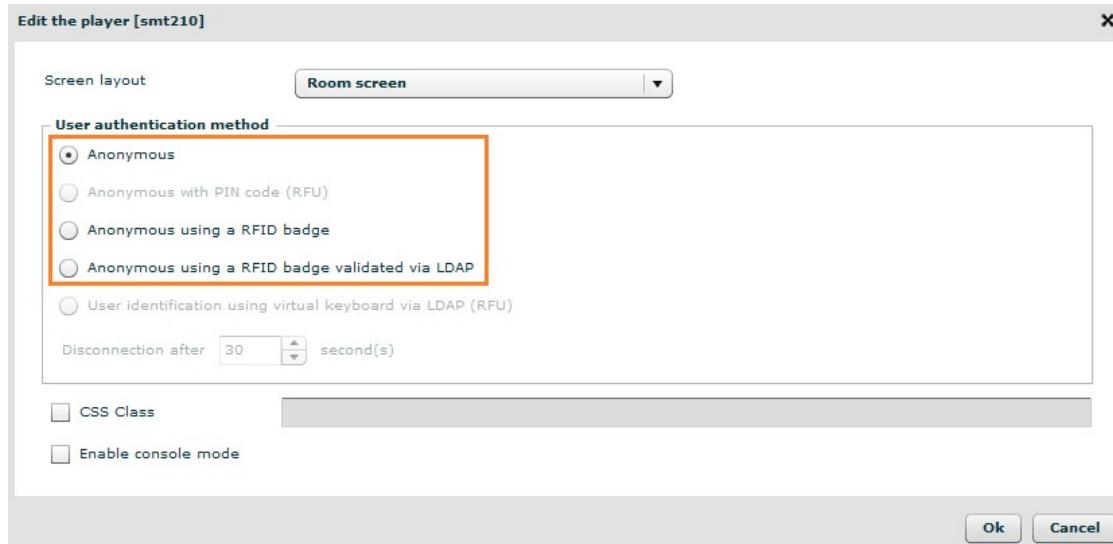
- “Room screen”
- “Room label”.

Then it is possible to create

- several other instances of **Room screen** layouts
- several instances of **Room label** layouts
- several instances of **Summary screen by event** layouts
- several instances of **Summary screen by resource** layouts

The maximal number of screen layouts is 10.

3.1.4.5.2 Devices edition and authentication mode (LDAP, RFID)



Edit a device allows to

- Configure the authentication mode
 - **Anonymous** (default): no authentication
 - **Anonymous using a badge RFID**: a single RFID badge (NFC) whose modulation is supported by SMT210 is sufficient to be authenticated and use SignMeeting as well
 - **Anonymous using a badge RFID validated via LDAP**: the RFID badge (NFC) has to be registered as resource (or user) inside LDAP and can be found by SignMeeting via the configuration of
 - DN (distinguish name)
 - Groups, attributes, entity types filtering
 - Attribute name storing the RFID badge

Note: please refer to LDAP chapter for more information

Note1: in mode Anonymous using a badge RFID, SignMeeting is started in read/only mode (door management button is inactivated). The write access is granted after the user is identified successfully

Note2: When RFID mode is activated,

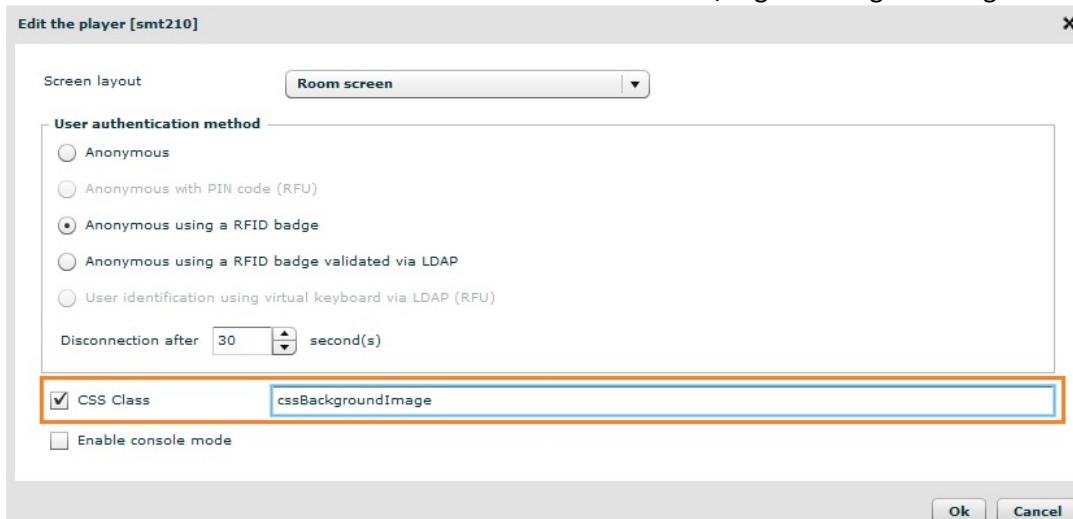
- *Presenting a badge a first time is allowing to authenticate and use SignMeeting*
- *Presenting a badge afterwards is allowing to disconnect from SignMeeting*

3.1.4.5.3 Automatic user disconnection timeout

- **Disconnection after** (60 seconds by default): allows to program user inactivity timeout. When this timeout expires, the user is automatically disconnected. A new authentication is required to use SignMeeting.

3.1.4.5.4 CSS class

- **CSS Class:** class value of CSS configuration file
 - When a meeting is displayed (next meeting / current meeting), it allows to change the generally the background of a specific device.



If the css contains the custom CSS class `.cssBackgroundImage`, use `cssBackgroundImage` value in the form.

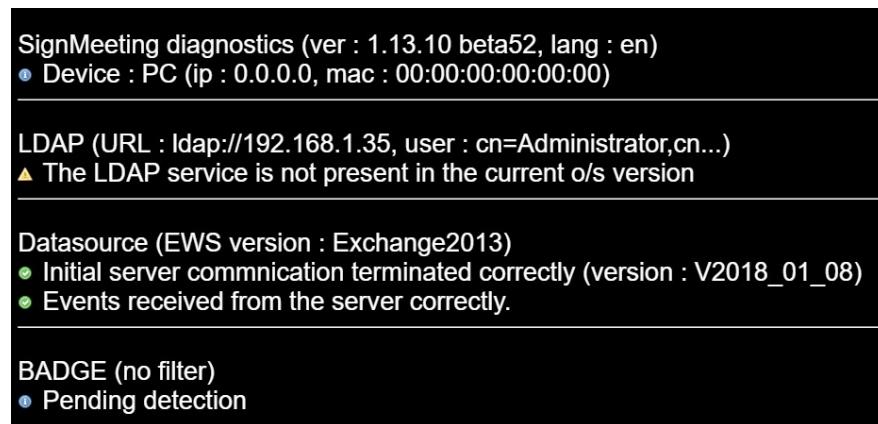
For further information about how to use, read the CSS appendix.

The CSS example are suitable only for the screen layout:

- **Room Screen**
- **Room label**
- **Summary screen by resource**

3.1.4.5.5 Enable console mode

- **Enable console mode** allows to activate the diagnostic mode and so display some status information on the **SignMeeting** inter-connections (Rooming'it server access, LDAP server access, RFID badge detection) and validity of the variable value.



3.2 LDAP tab

The configuration of a LDAP server is required when the chosen authentication mode is:

- **Anonymous using a badge RFID validated via LDAP**

Please refer to chapter **device edition and authentication mode (LDAP, RFID)**

In this case **SignMeeting** can connect to the LDAP server (standard user & phone directory) especially to authenticate the users with their RFID badge (stored in the LDAP).

The badge detection is realized generally on a **Room screen** player (SMT210) supporting a internal NFC sensor.

It can be also done by another Qeedji media player having a external NFC sensor and external Touch screen monitor.

Fill the form below to configure properly the LDAP interface:

The screenshot shows the SignMeeting software interface with the 'System' tab selected at the top. Below it, there are tabs for 'Room screen', 'Summary Screen 1', and 'Summary screen portrait'. On the left, a vertical sidebar lists 'Datasource', 'System', 'Room screen', 'Summary Screen 1', 'Summary screen portrait', 'SMT210', 'RFID', and 'LDAP'. The 'LDAP' icon is highlighted with an orange border. The main content area displays the LDAP configuration settings:

- Activate LDAP:** A checked checkbox. Below it is a text input field containing 'ldap://192.168.1.51'.
- Authentication:** A checked checkbox. Below it are two input fields: 'Login' containing 'cn=Administrator,cn=Users,dc=exchange2007,dc=innes,dc=pro' and 'Password' containing '*****'. To the right of the password field is a lock icon.
- Search:** A table with three rows:

Enabled	Search	Root	Filter	Attribute(s)	Action
<input checked="" type="checkbox"/>	RFID tag	cn=Functions,dc=exchange2007,dc=inne	(objectClass=user)	cn, mail, sAMAccountName, uid, badgeID, cn, codePa	
<input type="checkbox"/>	PIN Code (RFU)		(objectClass=user)	cn, mail, sAMAccountName, uid, crossReference	
<input checked="" type="checkbox"/>	User	cn=Users,dc=exchange2007,dc=innes,i	(objectClass=user)	cn, mail, sAMAccountName, uid, cn, codePage	

3.2.1 LDAP URL

Type LDAP server URL

For example:

ldap://192.168.1.51

3.2.2 Authentication

- Login
 - enter Administrator DN (Distinguish Name)
 - For example for LDAP hosted on MS-Exchange 2007:

cn=Administrator,cn=Users,dc=exchange2007,dc=innes,dc=pro

- Password

3.2.3 Filtering

The LDAP filter configuration table allows to make some badge validity filtering query and many others parameters filtering query depending on your needs. It is composed of three ways of search

- “**RFID tag**”: badge research
- “**User**”: research more information on the user
- “**PIN Code (RFU)**”: not supported

Each line has several columns:

- **Enabled** (Activated or not)
- **Search**: name of query
- **Root** (LDAP root)

3.2.3.1 Enable & Search

You can activate the badge research with LDAP “dn” filtering:

- Research based on “**RFID Tag**” or
- Research based on “**RFID Tag**” + research based on “**User**”
- Pin code (RFU)

3.2.3.1.1 RFID tag

The **RFID tag** table line allows to indicate the “dn” from which the RFID badge have to be researched, identify their validity, and their owner (user).

3.2.3.1.2 User

The **User** table line allows to indicate the “dn” from which some additional information need to be researched on user identified in the request “RFID tag”.

3.2.3.2 Root / Filter / Attribute(s)

The **Root**, **Filter**, and **Attribute(s)** table columns are showing the chosen filtering configuration.

3.2.3.3 Edit button

In order to modify the filtering criteria, click on the **Edit** button.

Enabled	Search	Root	Filter	Attribute(s)	
<input checked="" type="checkbox"/>	RFID tag	cn=Users,dc=exchange2007,dc=innes,i	(objectClass=user)	cn, mail, sAMAccountName, uid, badgeID, cn, codePage	
<input type="checkbox"/>	PIN Code (RFU)		(objectClass=user)	cn, mail, sAMAccountName, uid, crossReference	
<input checked="" type="checkbox"/>	User	cn=Functions,dc=exchange2007,dc=inr	(objectClass=user)	cn, mail, sAMAccountName, uid, cn, codePage	

The screenshot shows the 'Edit LDAP search parameters' dialog box. It includes fields for Root, Filter, and Cross reference attribute. Under 'Extra attribute(s) to retrieve', there are checkboxes for Attribute 1 (cn) and Attribute 2 (codePage). Under 'Attribute(s) for validation', there are checkboxes for Validity attribute (comment), Validity start date attribute (d/m/yy), and Validity end date attribute (expirationTime, with 'Active Directory generalized' selected).

3.2.3.3.1 Root

The **Root** table column allows to define the “dn” of the directory (or parent directory) from where the badge need to be researched (in order to avoid to parse entirely the LDAP server and spend much time in the LDAP request)

Note: the research is considered valid as soon as a first resource containing this badge is found

3.2.3.3.2 Filter

The **Filter** table column allows to target a LDAP users & resources subset thanks to the filtering configuration allowing to find out the RFID badge with best efficiency.

Supported filters:

- By Entity type
 - Ex: **(objectClass=user)**
- By group membership
 - ex : **(memberOf=CN=DoorAdmins,cn=Users,dc=exchange2007,dc=innes,dc=pro)**
- By attributes & optional validity conditions
 - Binary operator: AND (&), OR (|)
 - For example : **(&(badgeID=*)(|(ou=directory1)(ou=SecondFuncs))**
 - With **ou** = organisation unit

Active Directory does not support **Extensible matching filtering**; Consequently , the filter like **find out DN whose name is containing a specific string** are not working

More information on the case: <https://msdn.microsoft.com/en-us/library/cc223241.aspx>

- Ex :
 - Filtering by DN content
 - For example:
 - (DN = *irectory *)**

Note: whenever the users are spread into different directory of the LDAP, it is advised to implement groups and use “memberOf” filters.

“Attributes”:

- The default attribute name for the RFID badge is **Badge ID** (as example)

Warning: if the Badge ID does not exist in your LDAP, you can change it here according to your LDAP configuration.

3.2.3.3.3 Cross reference attribute

The **cross reference attribute** allows to define the attribute name in which the RFID badge is located.

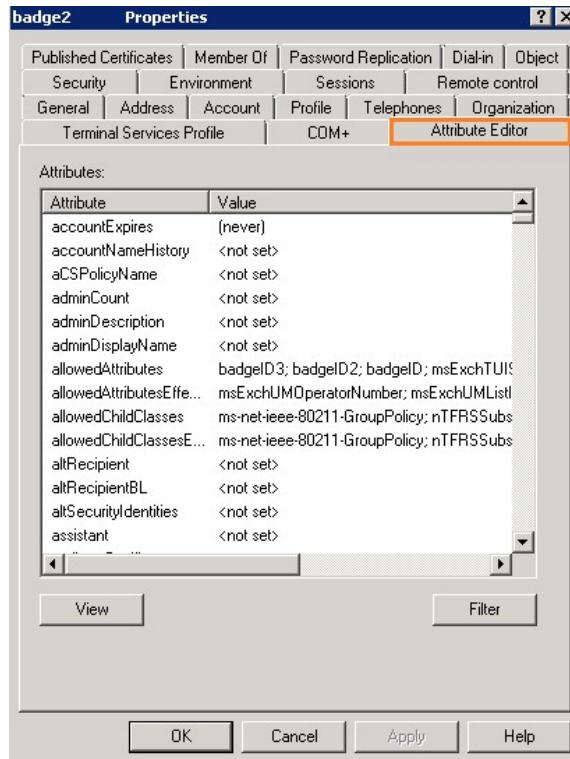
The default value for the RFID badge is “Badge ID”. This value need to worth the user RFID tag.

3.2.3.3.4 Extra attributes to retrieve

It is possible to tell to **SignMeeting** to research some variables which are containing some values. By default, these fields *Attribute 1* and *Attribute 2* are empty.

Attribute1 and *Attribute2* can be used in the automatic label generator when a new meeting is created by **SignMeeting** with the **Book now** button. They can worth any attribute name of the LDAP.

This is an example below of interface *Attribute Editor* of an ActiveDirectory user & computers Windows 2008 / Exchange 2007):



Note : Do prefer use string type or integer type attributes. The others types may not be displayed properly (hexadécimal, date, UID)

Ex: Attribute 1 = codePage

Note: codePage is a real attribute of the LDAP

Note: When using Innes Briva LDAP (3.10.21 or above), the Attribute 1 (or 2) has to worth one of the dst<> variable value of configuration mapping (in yellow):

- Attribute 1 = **registration**
 - In this case, can display in the new meeting title, the user matricule of the people who has badged and which has created the meeting

- Attribute 1 = **DisplayName**

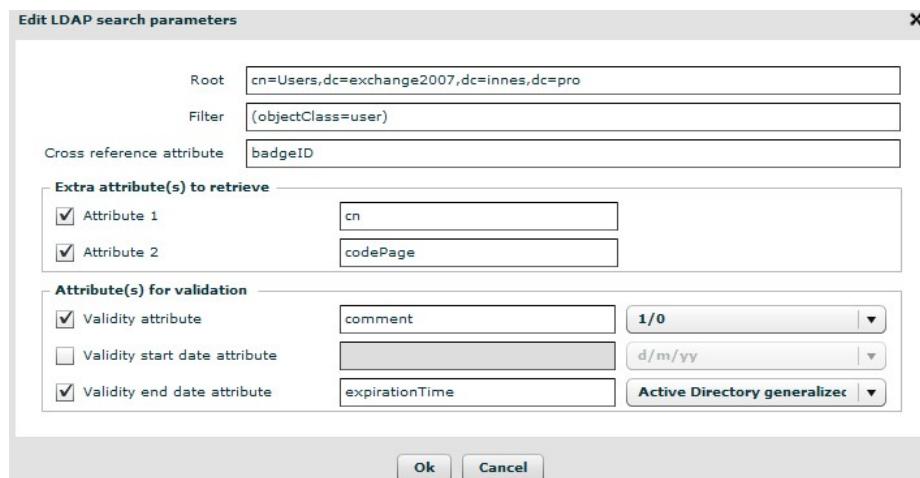
- In this case, can display in the new meeting title, the user name + first name of the people who has badged and which has created the meeting

Briva LDAP / Config.js

```
{
  "sheetName" : "Personnes",
  "rowHeader" : 4,
  "rowDataStart" : 5,
  "dataMapping" :
  [
    {"srcName" : "Matricule",
     "dstName" : "registration",
     "mandatory" : true,
     "format": "string"
    },
    {"srcName" : "Nom",
     "dstName" : "Lastname",
     "mandatory" : true,
     "format": "string"
    },
    {"srcName" : "Prénom",
     "dstName" : "Firstname",
     "mandatory" : true,
     "format": "string"
    },
    {"srcName" : "Badges",
     "dstName" : "badgeID",
     "mandatory" : true,
     "format": "extractNumber"
    }
  ],
  "dataTransformation" :
  [
    {
      "srcAttributes" : ["Firstname", "Lastname"],
      "dstAttribute" : "cn",
      "separator" : " "
    },
    {
      "srcAttributes" : ["Firstname", "Lastname"],
      "dstAttribute" : "Displayname",
      "separator" : " "
    }
  ]
}
```

3.2.3.3.5 Attribute(s) for validation

Some validity attributes can be tested in addition to the RFID badge presence.

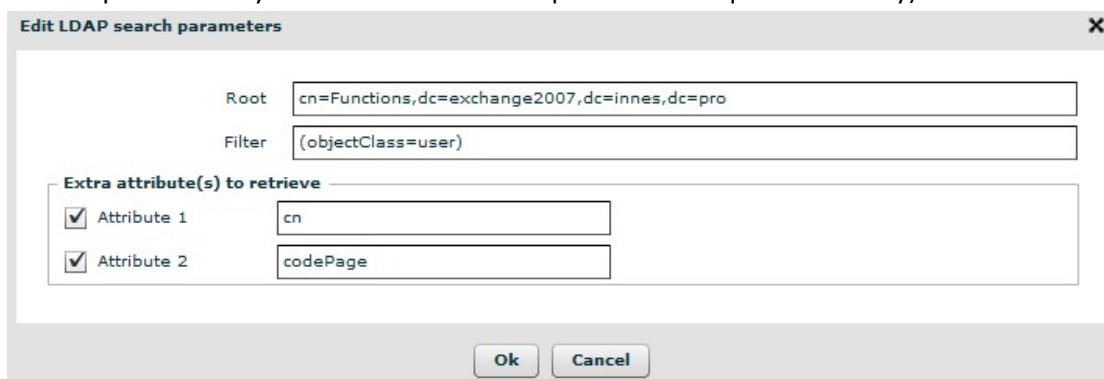


- Validity attributes supported formats
 - **yes/no**
 - **1/0**
 - **true/false**
 - **On/off**
- Date validity attributes supported formats
 - **d/m/yy**
 - ex : 2/12/15
 - **d/m/yyyy**
 - ex : 2/12/2015
 - **account expires timestamp**
 - number of nanoseconds since 1st Jan 1601
 - **Active directory generalized time**
 - ex : 20151009225600.0Z

Note: once RFID badge is found in the LDAP and validity condition are filled, the badge is considered as valid. So the connection to SignMeeting is established and the user can access to some specific buttons (Book now, Empty the room, Free the room).

3.2.3.3.6 User association to a badge

- **Users:** allows to indicate from which DN base the user associated to this RFID badge can be found out.
 - **Root:** type DN base (or DN parent base) from where the user can be found out
Note: if any a user is not associated to the RFID badge, the authentication will succeed as soon as the badge ID is found, even if it is associated to no people.
 - **Filter:** allows to target only a LDAP user subset thanks to the configuration of this filter (in order to not parse entirely the LDAP server and improve LDAP request efficiency).



Attribute1 and Attribute2 can be used in the automatic label generator when a new meeting is created by SignMeeting. They can worth any attribute name of the LDAP.

*Note : Do prefer use **string** type or **integer** type attributes. The others types may not be displayed properly (hexadecimal, date, UID)*

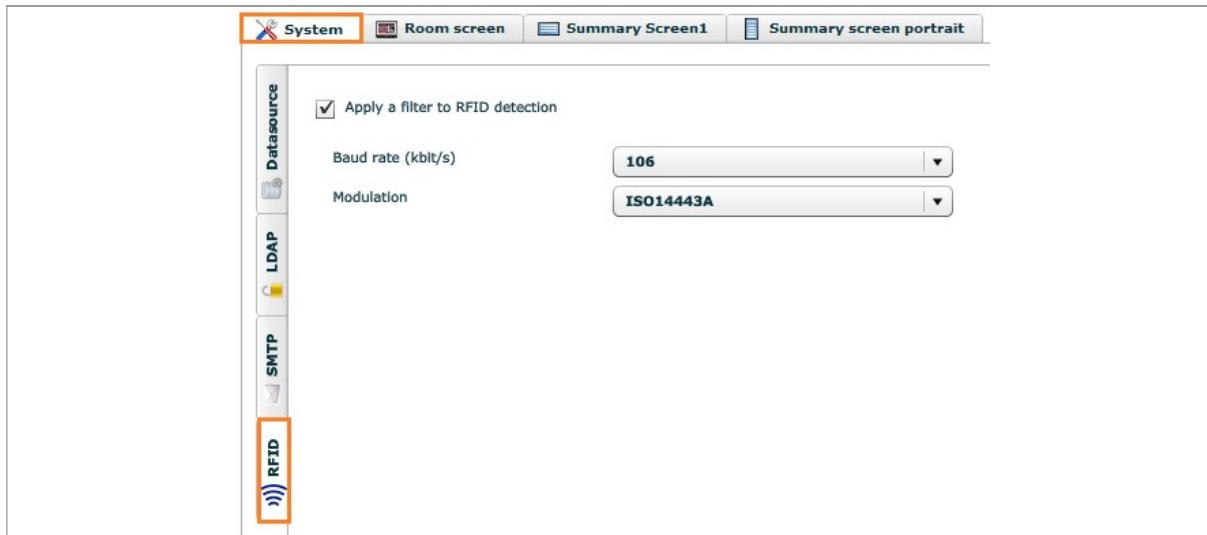
Note for LDAP attributes :

By default, the standard attributes already used in the LDAP are

- **CN**
- **Mail**
- **sAMAccountName**
- **uld**
- **badgeID**
- **valid**

When the user is authenticated, the user's email (CN) becomes the organizer of all the meeting creation through SignMeeting (Book now button)

3.3 RFID tab



This screen allows to filter the wanted modulations to speed-up the RFID detection.

Available modulations

- ISO 14443 Type A
- ISO 14443 Type B
- JEWEL
- ISO 14443 BI
- ISO 14443 B2SR
- ISO 14443 B2CT
- FeliCa
- DEP

Available baud rates

- 106
- 212
- 424
- 847

⚠ Do not activate the RFID modulation filtering before having made some successful tests with your badge before.

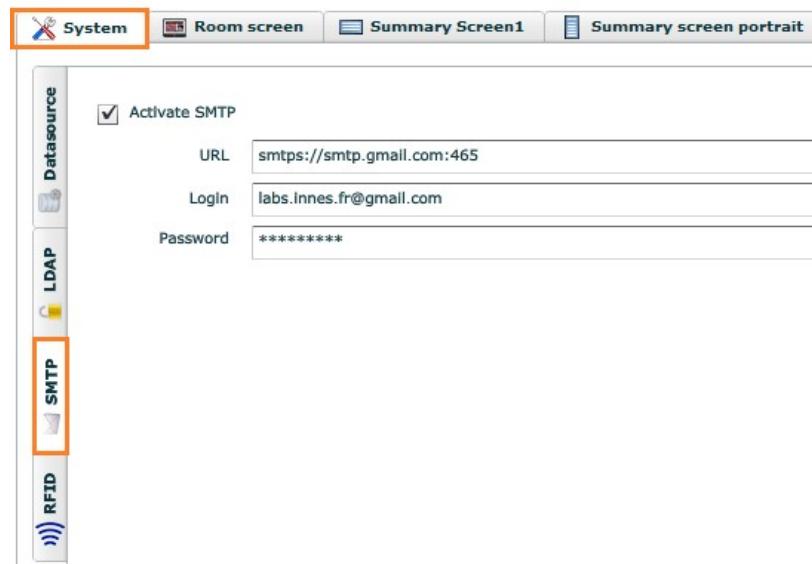
Please refer to SMT210 installation guide to check the modulations values supported by your device.

3.4 SMTP tab

The **SMTP** tab allows to configure source email account.

- **Activate SMTP**

- **URL**
- **Login**
- **Password**



For **Office 365**, please enter always a smtp URL with the scheme **smtp://**

indeed the scheme stmps:// may not work because the SMTP authentication is done later in the process.

To know the authentication list supported by Gekkota, please refer to Gekkota application note [Email and supported authentication](#).

About Gmail account, PLAIN an LOGIN authentications are not activated by default. To activate them, go in Gmail account and activate the option: **Allowing less secure apps to access your account**

4 Screen layout configuration

The **Room screen** and **Room label** tabs are present by default when creating a new **SignMeeting** project and are suggested as layout values for any new device.

Some others screen layouts can be added according to the user needs

- Other **Room screen** layout
 - *Room screen 2*
 - *Room screen 3, ...*
- Other **Room label** layout
 - *SMH300 1,*
 - *SMH300 2, ...*
- **Summary screen by event – Landscape**
 - *Summary screen by event – landscape 1*
 - *Summary screen by event – landscape 2, ...*
- **Summary screen by event – Portrait**
 - *Summary screen by event – portrait 1*
 - *Summary screen by event – portrait 2, ...*
- **Summary screen by resource - Landscape**
 - *Summary screen by resource 1,*
 - *Summary screen by resource 2, ...*

4.1 Room screen configuration

The **Room screen** layout is generally suitable for a screen layout for a SMT210 device located close the meeting room's door.

It could be also suitable for a Qeedji media player connected to a touch screen monitor and to badge reader.

Once this **Room screen** layout is configured, it is possible to affect the layout for example to one to your device (for example a SMT210 device supporting touch screen allowing to have interactivity with SignMeeting)

The **Room screen** layout can display:

- The current meeting (if any),
- The next meeting (if any).

Click on **Room screen** tab to discover the different settings.

4.1.1 Main Page tab

The screenshot shows the 'Main Page' configuration tab in the SignMeeting Rooming'it software. The left sidebar has tabs for 'Main Page', 'Banner', 'Menu', 'Style', and 'Room screen'. The main area is divided into several sections:

- Display Information for the current meeting:**
 - Display title (Current meeting: No current meeting)
 - Display event label (Current meeting: No current meeting)
 - Text when there is no current meeting
 - Display description (Label:)
 - Display organizer (Label:)
 - Display attendees (Label:)
 - Display location
 - Display attached Images
 - Display time range
- Display Information for the next meeting:**
 - Display title (Next meeting: No other meeting)
 - Display event label (Next meeting: No other meeting)
 - Text when there is no next meeting
 - Display description (Label:)
 - Display organizer (Label:)
 - Display attendees (Label:)
 - Display location
 - Display time range
 - Display countdown
- Display several rooms on the same screen:**
 - Display all alternatively with an interval of 10 second(s)
- Reservation process actions:**
 - Button book now
 - Button confirm my presence and show this action 15 minutes before the start of the meeting and Shorten the meeting, if no confirmation after 15 minutes
 - Button report as empty (shorten the meeting) and show this action 120 minutes before the end of the meeting
 - Custom script
 - Allow custom script to display extra button if required
- Background Image:**
 -
 -
 -
- Background content when there is no current or near future meeting:**
 - Show the screen saver after 10 minutes and leave 10 minutes before the start of the next meeting
 - Image or video media to display
 - Use an interactive marker Label to display

The **Main page** tab allows to select the components to display:

➤ Display information for the current meeting

- **Display title:** meeting summary
- **Display event label:** free text - [current meeting](#) (default value)
- **Display description:** meeting description
- **Display organizer:** meeting organizer (delegate account or the user who has authenticated)
- **Display attendees:** (the attendees values are scrolled automatically inside the column)
- **Display location:** meeting room label entered in **SignMeeting** for the meeting room resource
- **Display attached image:** picture embedded in the meeting or attached to the meeting
- **Display Time range:** Meeting start time and end time (for example: 8.00 to 10.00)
- **Text when there is no meeting:** free text – for example: [no meeting programmed](#)

Note for attachment :

- **SignMeeting** supports the attachments display for the current meeting only.
- In case several pictures are attached to the meeting, only the first one is displayed.
- The picture embedded inline in the meeting are priority compared to the attached picture.
- The supported picture formats are .PNG & .JPG

➤ For the next meeting

- **Display title:** meeting summary
- **Display event label:** free text - [current meeting](#) (default value)
- **Display description:** meeting description
- **Display organizer:** meeting organizer (delegate account or the user who has authenticated)
- **Display attendees:** (the attendees values are scrolled automatically inside the column)
- **Display location:** meeting room label entered in **SignMeeting** for the meeting room resource
- **Display Time range:** Meeting start time and end time (for example: 8.00 to 10.00)
- **Text when there is no meeting:** free text – for example: [no meeting programmed](#)
- **Display countdown (RFU)**

➤ Display several rooms on the same screen

If more than one meeting room is affected to a same SMT210, **SignMeeting** displays alternatively (default: 10 sec per page) for each meeting room:

- The Current Meeting and
- The Next Meeting

And supports for each page the access to the activated buttons Book now,

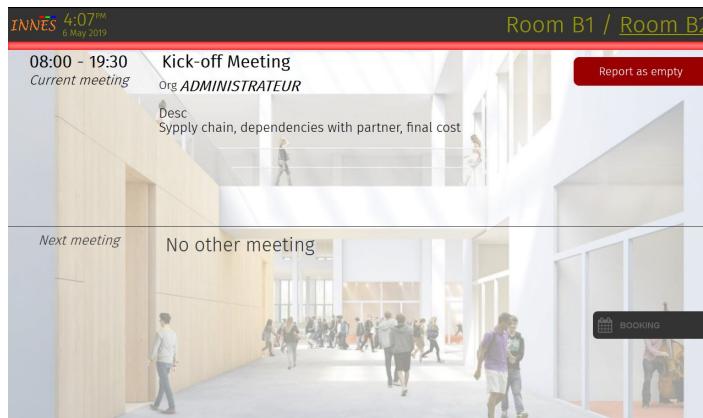
➤ Reservation process action

Allows to activate the buttons because some of them may be not activated by default:

- **Book now**
 - **Confirm my presence** (also called check in in some company)
 - **Show this action <n> minutes before the start of the meeting** (15 minutes by default)
 - **Shorten the meeting if no confirmation after <n> minutes** (15 minutes by default)
 - **Room as empty (shorten the meeting)** (also called check out in some company)
 - **Show this action <n> minutes before the end of the meeting** (15 minutes by default)
- **Custom script:** allows to load a custom script to customize the **SignMeeting** behaviour, for example, to control external peripherals embedding in electric doors, start to play webcam camera, or to manage presence sensor, ...
- **Allow custom script to display extra buttons if required:** it is possible to customize the SignMeeting interface by adding some custom button: **Open the door, Maintain, Resume, ...**

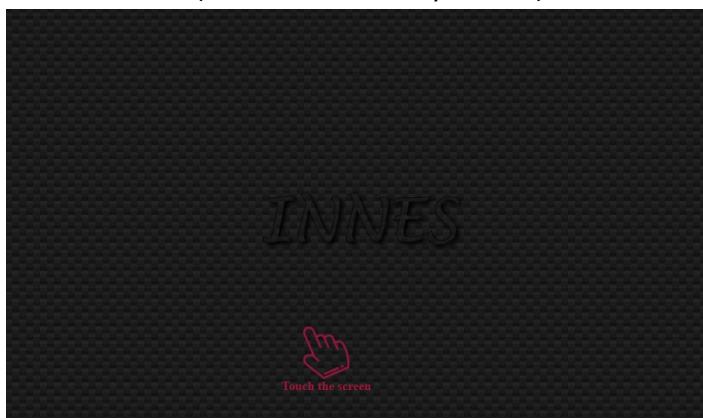
For further information about a custom script, contact sales@innes.pro.

➤ Background image: allows to set a picture as background of the SignMeeting.



➤ Background content when there is no current nor near future meeting

- **Image or video media to display:** when the screen saver is launched, the user can also display a specific picture (.mp4) or a specific image (.jpg, .gif, .png)
- **Use an interactive marker**
 - **With the label:** free text ([Touch the screen](#) by default)



Room screen layer hierarchy

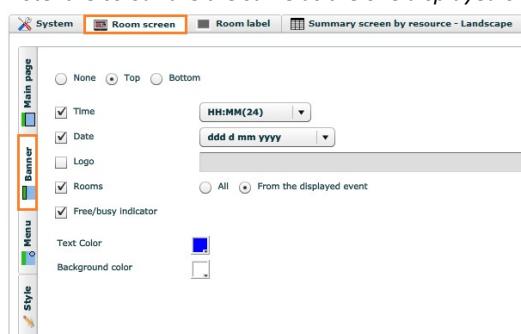
Layer hierarchy	Information	level
Screen saver (optional, displayed if there is no meeting)	<ul style="list-style-type: none"> Default texture with <i>INNES</i> trade mark* (default) Custom image Custom video <p>(when a custom CSS is embedded, the <i>INNES</i> trade mark is not displayed)</p>	4 (higher)
Background image	Custom background image	3
Custom CSS using variable MAC UUID, hostname	<p>The CSS can support some styles based on the MAC, UUID or hostname variable values.</p> <p>It can customize buttons colour, background colour or image and custom class...</p> <p>When the variable value is matching with a device, the CSS style based on the MAC, UUID or hostname is applied to the corresponding device</p> <p><i>In case using some custom images based on styles using MAC, UUID, hostname variable values, ensure that the image is well present in your library</i></p>	2
Custom CSS	Buttons colour customization, background colour or image, custom class <i>In case using custom images, ensure that the image is well present in your library</i>	1
Default CSS	default colour <i>(+ display text when there is no meeting)</i>	0 (lower)

4.1.2 Banner tab

The **Banner** tab allows to define:

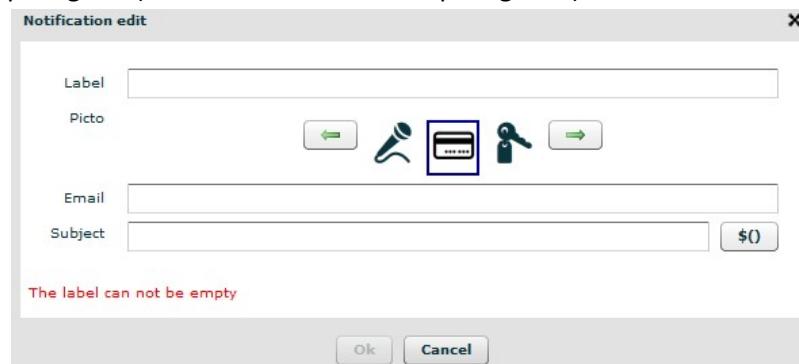
- The banner activation & position:
 - **None**
 - **Top**
 - **Bottom**
- The banner content:
 - Date with different format
 - **d/m/yy** (ex : [2/12/19](#))
 - **d/m/yyyy** (ex : [23/12/2019](#))
 - **dd mmm yyyy** (ex : [23 Dec 2019](#))
 - **dd mmmm yyyy** (ex : [23 December 2019](#))
 - **ddd d mm yyyy** (ex : [Thu 23/12/2019](#))
 - **ddd d mmmm yyyy** (ex : [Thursday, December 23, 2019](#))
 - **dd mmmm yy** (ex : [December 23, 19](#))
in german regionality language, the slash (/) are replaced by dots (.)
 - Time with different format
 - **HH:MM (12)** (ex: 7.00)
 - **HH:MM (24)** (ex: 19:00)
 - **Logo:** custom company logo (.jpg, .gif, .png)
 - Do use .png picture when it is possible to support the transparency (if any)
 - **Room:** Display the room name. In case several meeting rooms to manage, display in the banner
 - either all the room names or
 - only one room name
 - **Free/busy indicator:** display a red/orange/green status
 - Free (green)
 - Check in required (orange)
 - Busy (red)

Note: the colour are the same as the one displayed on the left and right side of the SMT210



4.1.3 Menu tab

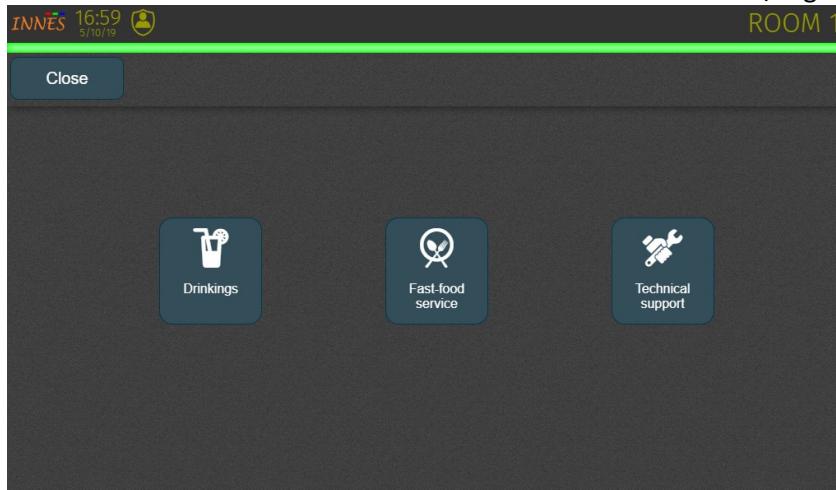
- The “**Reservation and consultation page**” allows to activate specific buttons in the booking screen
 - View** button
 - Add** button
 - Edit** button
 - Delete** button
- The **Notification page** allows to add some custom notification button for room services (technical support, drinkings, sandwiches, coffee, cooling, ...). You need to enter:
 - a label for the button (ex: *fast food, drinkings, cooling issue*, ...)
 - a recipient address name for each button
 - a subject (ex: *fast food, drinkings, cooling issue*, ...)
 - a associated pictogram (more than 100 available pictograms)



A new button is created in the interface for each new item. Then pressing on the button allows to send an email to the appropriate people.

👉 the notification menu in the main page appears when at least one item has been added in the notification page list

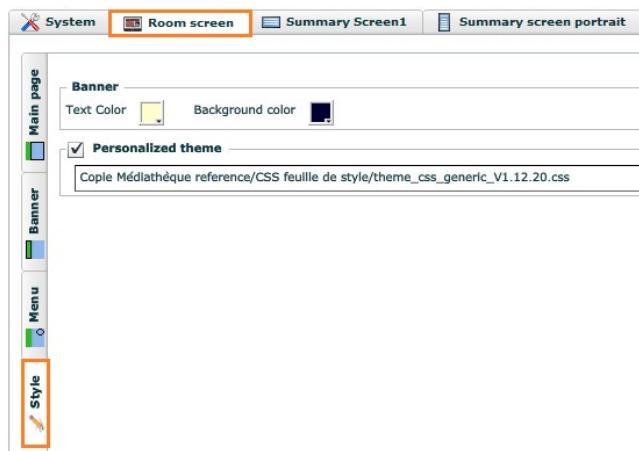
To support the notification button, the **SMTP** tab has to be fully filled.



- The option **Return to the main page after being idle** allows to return to main page after being stayed on the booking screen for a couple of time without user activity. The default timeout is 60 seconds.

4.1.4 Style tab

The **Style** tab allows to customize the display regarding the text colour and background colour.



For an enhanced customization, it is possible to use the provided custom CSS:

[signmeting_theme_room_screen_V1.13.10.css](#)

The CSS API is compliant with Mozilla & W3C:

- <https://developer.mozilla.org/en-US/docs/Web/CSS/background>

4.1.5 Rendering on SMT210

INNES 16:20 5/10/19 ROOM 1

Current meeting No current meeting [Book now](#)

Next meeting No other meeting

INNES 17:07 5/10/19 ROOM 1

ROOM 1 17:00 - 17:30 <i>Current meeting</i>	Meeting 17:00 to 17:30 - ROOM 1 Org. <i>Innes Screen Manager</i> Att. Innes Screen Manager Desc.	Confirm my presence Report as empty
ROOM 1 18:00 - 18:30 <i>Next meeting</i>	Kick-off meeting Org. <i>Innes Screen Manager</i> Att. s.inizan@innes.fr, t.desdoit@innes.fr Desc. Planning, dependencies, samples delivery, chipset supply	Booking menu Room service

4.2 Room label configuration

The **Room label** layout is dedicated to the device SMH300 (connected to one or several SLATE106). The communication between SMH300 and SLATE106 device is the Bluetooth Low Energy protocol. The SLATE106 are located most of time on the meeting room door.

Once this room screen layout is configured, it is possible to affect the layout for example to your SMH300 device

Note: the pairing operation between the hub SMH300 and your SLATE106 devices has to be finalized before publishing SignMeeting App.

The “**Room label**” layout allows to display

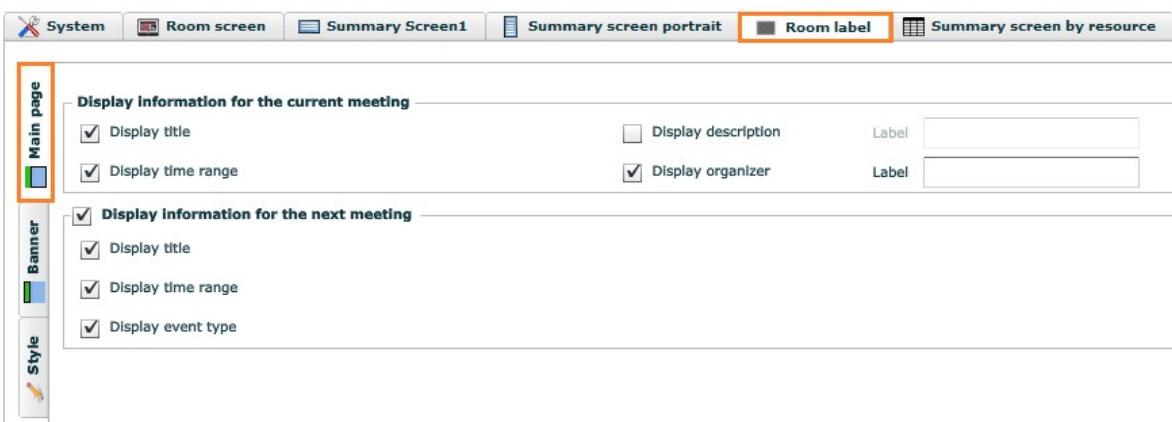
- **Current meeting** at the half top of the SLATE106 screen (or the next meeting if there is no current meeting at this time)
- **Next meeting** at the half bottom of the SLATE106 screen (in case a meeting is already displayed at the top of the screen)

Click on **Room screen** tab to discover the different settings

4.2.1 Main Page tab

The tab **Main page** allows to select the components to display

- At the half top of the screen (for the current meeting or the next meeting)
 - Title
 - Meeting time range
 - Description
 - Organizer
- At the half bottom of the screen (for the second meeting)
 - Title
 - Meeting time range
 - Event type



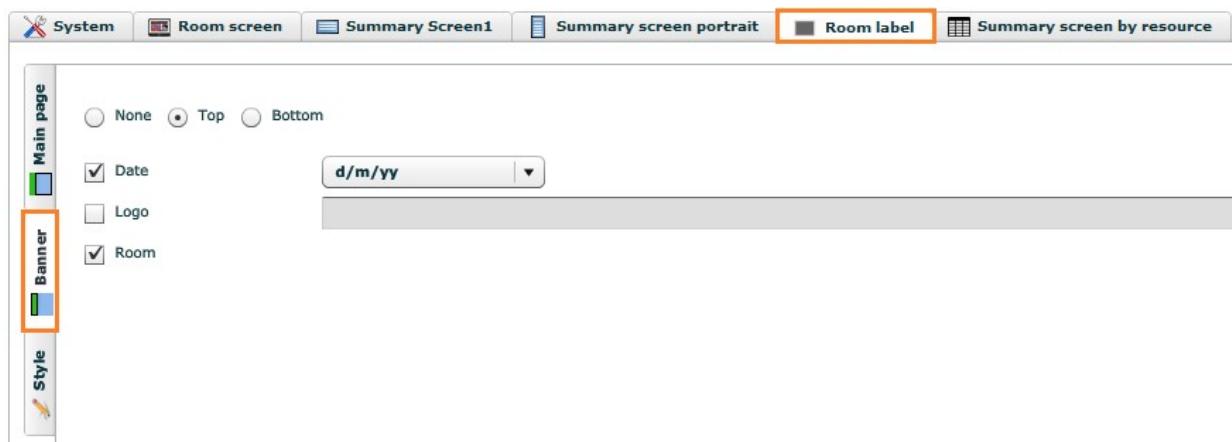
Note: This layout does not allow to display attachment.

4.2.2 Banner tab

The **Banner** tab allows to define:

- Banner position

- Banner content
 - Date with different format
 - d/m/yy (ex : 2/12/15)
 - d/m/yyyy (ex : 2/12/2015)
 - d mmm yyyy (ex : 2 Dec 2015)
 - dd mmmm yyyy (ex : 2 December 2015)
 - ddd d mmmm yyyy (ex : Thu 2 December 2015)
 - dddd d mmmm yyyy (ex : Thursday 2 December 2015)
 -
 - Logo
 - Room name



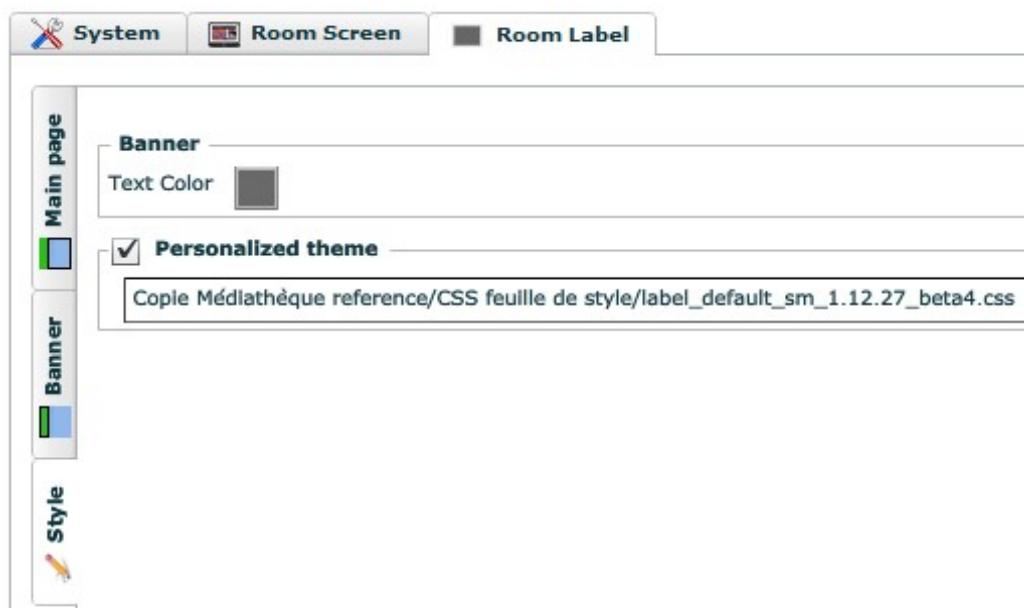
4.2.3 Style tab

The **Style** tab allows to customize the display in term of colour.

It is also possible to use a personalized theme (style sheet) allowing to configure

The CSS API is compliant with Mozilla & W3C

<https://developer.mozilla.org/en-US/docs/Web/CSS/background>



4.2.4 Rendering on SLATE106

4.3 Screen layout composition

It is possible to apply a screen layout for each of your device.

By default, two screen layouts are available for a new project:

- “**Room screen**” and
- “**Room label**”

But this layout is generally not suitable for large monitors wanting to display meeting in the summary screen layout. Consequently, a specific layout instance of summary screen need to be created.

Note: it is possible to create several instances of each (until 10 maximum at all).

Once the new screen layout is available, it is possible to affect it to a player.

4.3.1 Create a new screen layout instance

In order to access to screen layout management, click on button  at the right top corner and click on **Add** button to add your new layout type.

- Type a label for your new screen layout (will appear in the tab name)
- Type of screen layout
 - **Room screen**
 - **Room label**
 - **Summary screen by event**
 - **Summary screen by resource**
 - For summary screen by event or summary screen by resource, specify
 - Landscape or
 - Portrait*

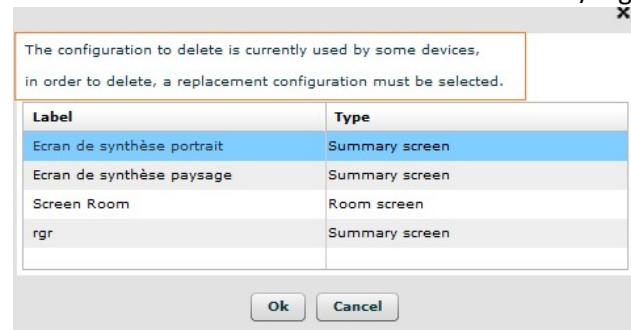


- For portrait mode, don't forget to apply also a rotation of 90° (or 270°) in the device WebUI (output menu).

Then a new additional tab appear in the list of available screen layouts.

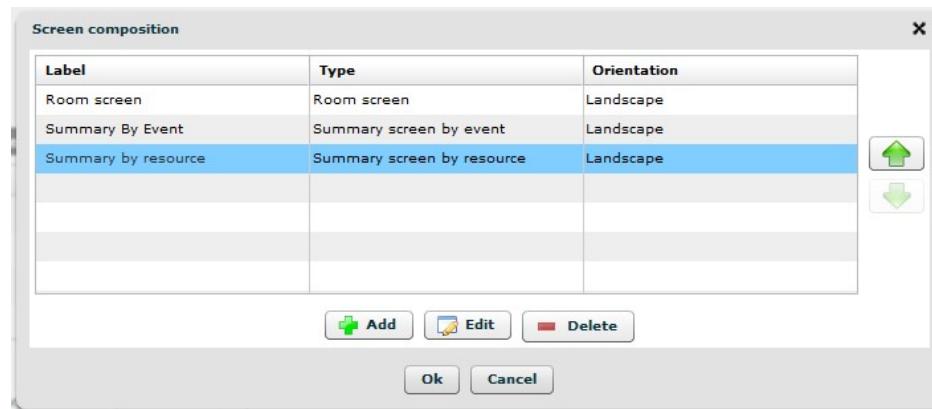
4.3.2 Edition and deletion

The screen layout title can be modified and the screen layout can be removed (which is requiring a user confirmation). Indeed, if the screen layout to delete is used by a player, a fail over need to be done on another screen layout.



4.3.3 Move screen layout tab

Screen layout tab can be switched. Use the up/down arrow according to.



4.4 Summary screen by event layout

4.4.1 Landscape

The screen layout type **Summary screen by event** allows to display the list of meetings of several room for part of the day or an entire day on an information TV set (or monitor).



4.4.1.1 Main page tab

The **Main page** tab allows to modify the meeting list display configuration.

Title	Hrs	Desc	Org	Att	Loc	S1	S2
summary	Hrs						
time_range							
description							
organizer							

- Selection of elements to display for each meeting
 - Location
 - Title
 - Description
 - Time Slot
 - Attendees
 - Pictograms
 - Attachments
- Display of meeting in the past or in the future
- Define page duration display for each page when the list of meeting requires 2 pages (or more)
- Sort the meeting by

- Title, description, organizer
 - Alphabetic, ant-alphabetic
- Time
 - Increasing or decreasing
 - End time or start time
- Define the alarm
 - Display all the meeting since the morning or any other time
 - Display the meeting only few minutes before they start
 - Display all the meeting until the evening or any other time
 - Hide the meeting only few minutes after they finished

4.4.1.2 Banner tab

This screen allows to configure the banner:

- Banner at the top or at the bottom
- Additional logo
- Title
- Date with different formats
 - d/m/yy (ex : 2/12/15)
 - d/m/yyyy (ex : 2/12/2015)
 - dd mmm yyyy (ex : 2 Dec 2015)
 - dd mmmm yyyy (ex : 2 December 2015)
- Time with different formats
 - HH:MM (12)
 - HH:MM (24)



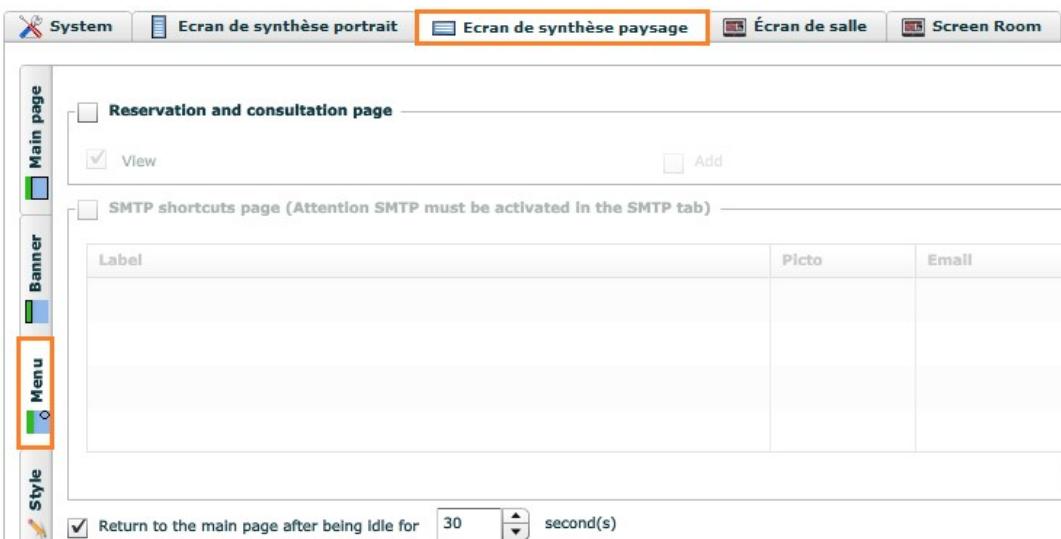
4.4.1.3 Menu tab



- The **Reservation and consultation page** (activation of an optional button allowing to access to a specific reservation page) offering the support of the buttons:
 - View event
 - Add event
 - Edit event
 - Delete event

This function is interesting when the App is used on a SMT210 (touch screen) or with a player Innes equipped with a mouse. Contact support@innes.fr for more information

- The option “**return to the main page after being idle**” allows to return to main page after being stayed on other screen for a couple of time without user activity (default is 60 seconds).
- The “**SMTP shortcuts page**” allows to create button to send a predefine email (Server/SMTP interface need to be fully filled first).



4.4.1.4 Style tab

The **Style** tab allows to modify the below parameters:

- Banner**
 - Background colour
 - Text colour
- Main page**
 - Background colour
 - Text colour
 - Configuration of number of meeting to display per page
 - Display column header
 - Background theme (plain colour, circles) (present only when non background content has been defined for the dev)



4.4.2 Landscape rendering

INNES 11:31 AM
7 May 2019

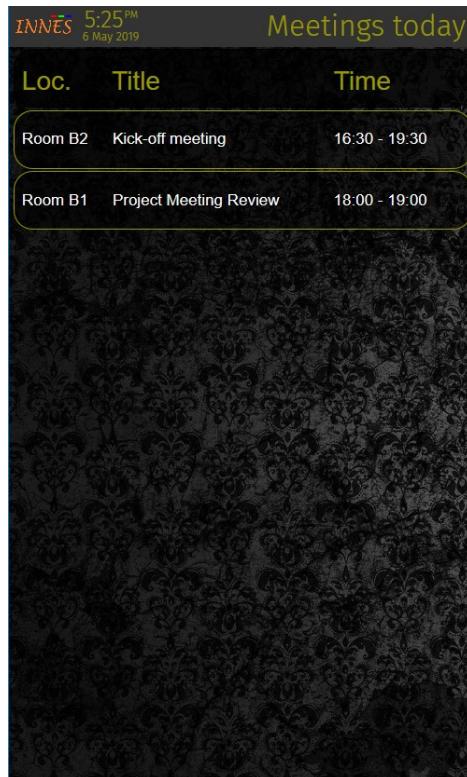
Meetings today

Time	Title	Loc.	Att.	Sign.
08:00 - 18:00	Project meeting review	ROOM 1		
09:00 - 13:00	Kick-off meeting	ROOM 2	f.olivier@innes.fr, n.niholas@innes.fr	

4.4.3 Portrait

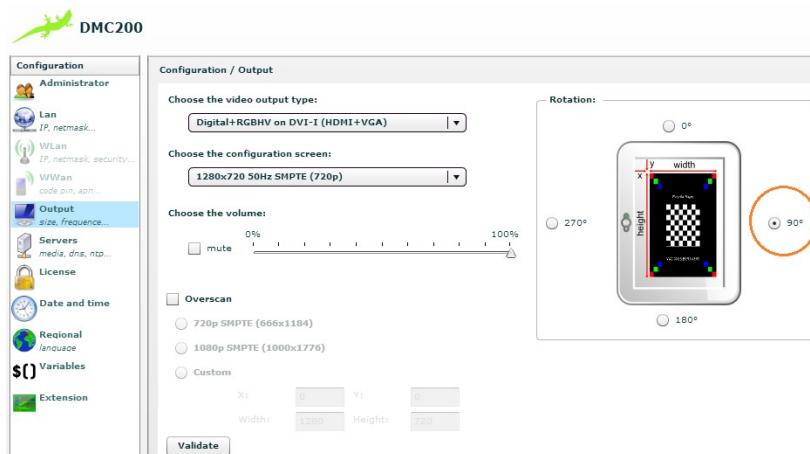
Similar to **Summary screen by event - Landscape** layout configuration but for portrait view.

The main difference is the maximal number of lines to display per page (15 lines instead of 11 lines)



In order to publish SignMeeting in mode portrait,

- WebUI:
 - change the output rotation to 90° (or 270°)
 - Select the resolution according to (check over scan configuration if any)



4.5 Summary screen by resource layout

4.5.1 Landscape

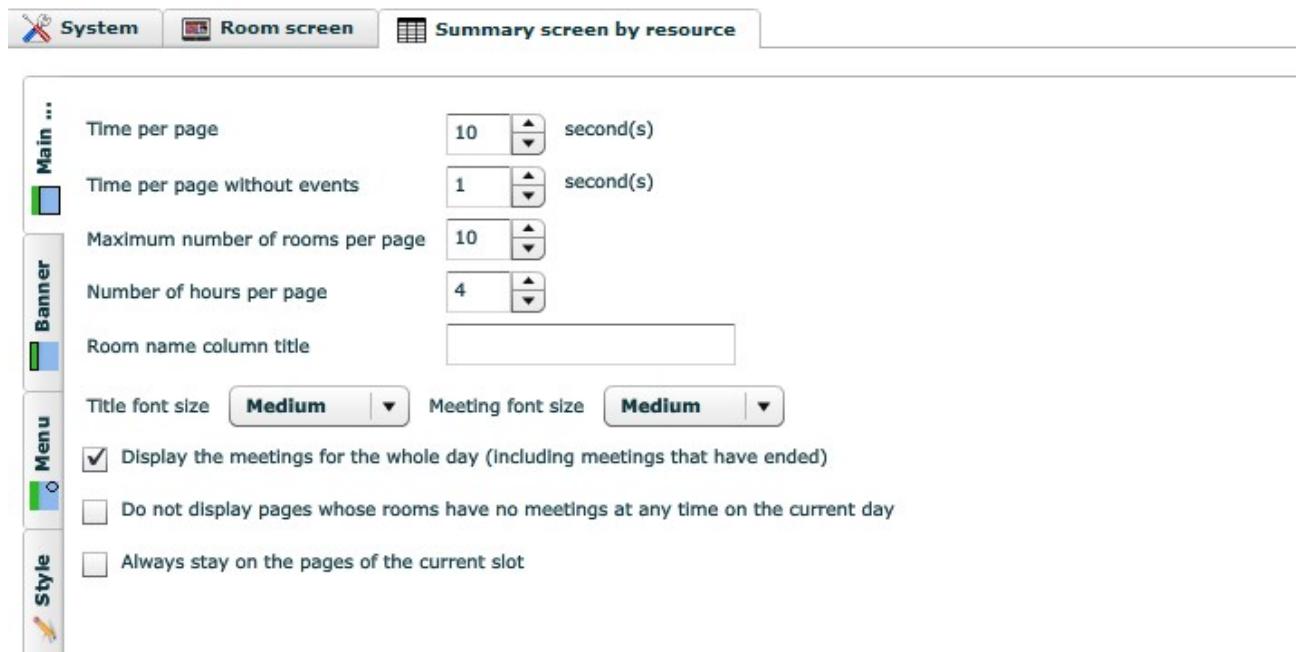
The screen layout type **Summary screen by resource** allows to display the list of meetings of several room for part of the day or an entire day in a calendar view on a monitor.

Attention, with this layout, the **meeting title font size** and **meeting organizer font size** are computed according the number of meeting rooms per page. Indeed, when the number of line is decreasing, the font size is increasing.

The **meeting title** and **meeting organizer** are scrolled automatically when there is some overlap on the column width.

4.5.1.1 Main page tab

The **Main page** tab allows to modify the meeting list display configuration.



- Time per page in second
- Number of rooms per page (minimum: 4, maximum: 20)
- Number of hours per page (maximum: 12)
- Room name column title
- Title font size
- Meeting font size
- Options
 - Display the meetings for the whole day (including meetings that have ended)
 - Do not display pages whose room have no meeting at any time on the current day
 - Always stay on the pages of the current slot
 - avoids the display of other pages of the day.
 - Example: if there are some meetings every hour from 8am to 6pm, spread on 2 pages, from 8am to 1pm and from 2pm to 6pm.
If current time is 10am, we display only the first page.
If current time is 4pm, we display only the second page.

➔ Do not use this option with the 1st one (Display the meetings for the whole day)

4.5.1.2 Banner tab

This screen allows to configure the banner:

- Banner at the top or at the bottom
- Additional logo
- Title
- Date with different formats
 - d/m/yy (ex : 2/12/17)
 - d/m/yyyy (ex : 2/12/2017)
 - dd mmm yyyy (ex : 2 Dec 2017)
 - dd mmmm yyyy (ex : 2 December 2017)
 - ddd d mm yyyy (ex : Mon 2 02 2017)
 - dddd d mmmm yyyy (ex : Monday 2 December 2017)
- Time with different formats
 - HH:MM (12)
 - HH:MM (24)

4.5.1.3 Menu tab

- The **Reservation and consultation page** (activation of an optional button allowing to access to a specific reservation page) offering the support of the buttons:
 - View event
 - Add event
 - Edit event
 - Delete event

This function is interesting when the App is used on a SMT210 (touch screen) or with a player Innes equipped with a mouse. Contact support@innes.fr for more information

- The option “return to the main page after being idle” allows to return to main page after being stayed on other screen for a couple of time without user activity (default is 60 seconds).

The screenshot shows the 'Main page' configuration screen. The 'Style' tab is highlighted with a red box. On the left, there's a sidebar with tabs: Main page (selected), Banner, Menu (highlighted with a red box), and Style. The main area has a section titled 'Reservation and consultation page' with a checked checkbox. Below it are two checkboxes: 'View' and 'Return to the main page after being idle for 40 second(s)'. There are 'Add' and 'Edit' buttons at the top right.

4.5.1.4 Style tab

The **Style** tab allows to modify the below parameters:

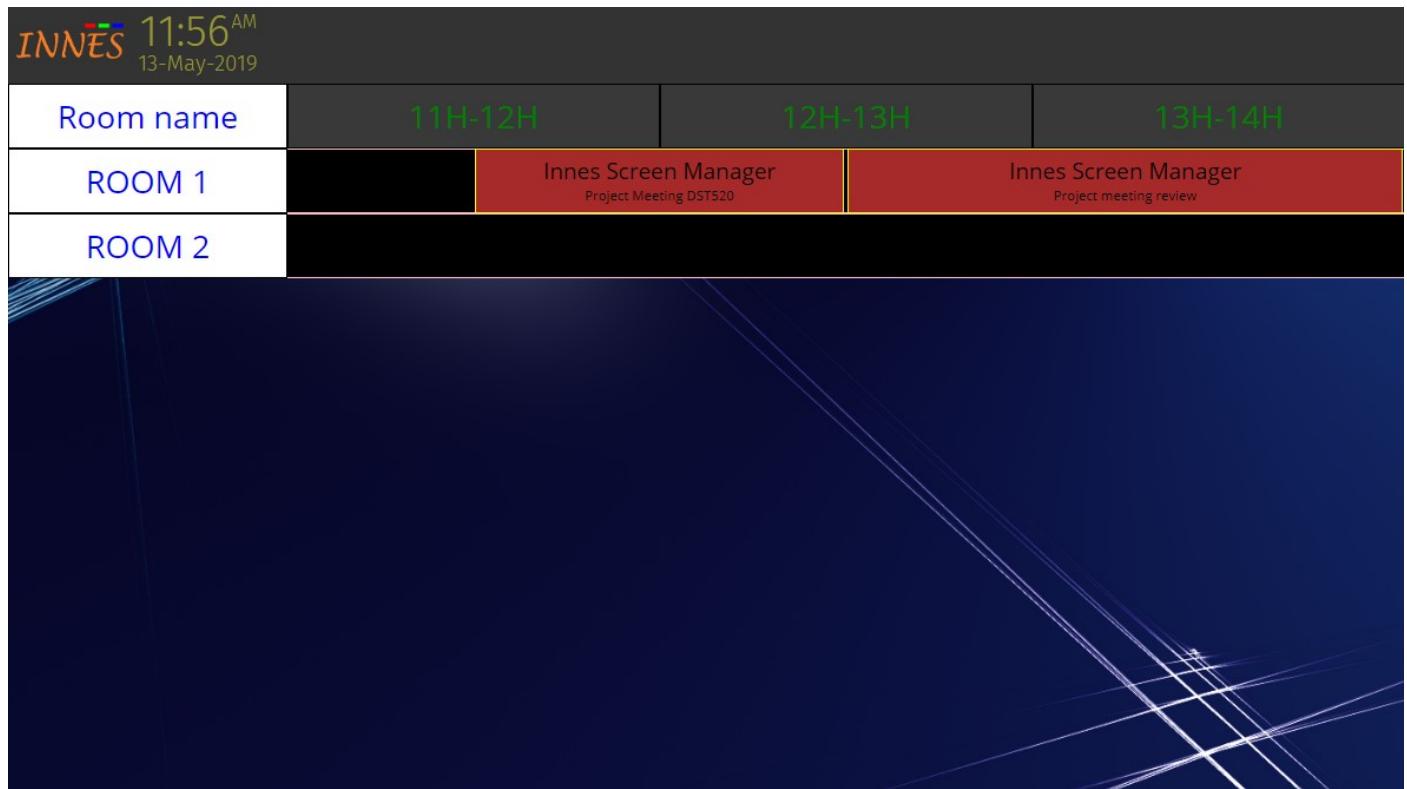
- Banner**
 - Background colour
 - Text colour
- Main page**
 - Background colour
 - Text colour
 - Configuration of number of meeting to display per page
 - Display column header
 - Background theme (plain colour, circles) (present only when non background content has been defined for the dev)

The screenshot shows the 'Style' configuration screen with the 'Banner' tab selected. The sidebar on the left has tabs: Main page, Banner (selected), Menu, and Style. The main area has a 'Banner' section with 'Text Color' and 'Background color' dropdowns. Below it is a 'Personalized theme' section with a checked checkbox and a link to 'Copie Médiathèque reference/CSS feuille de style/theme_roomgrid_sm_1.12.22_beta3.css'.

4.5.2 Landscape rendering

4.5.2.1 Without CSS

4.5.2.2 With a customized CSS file



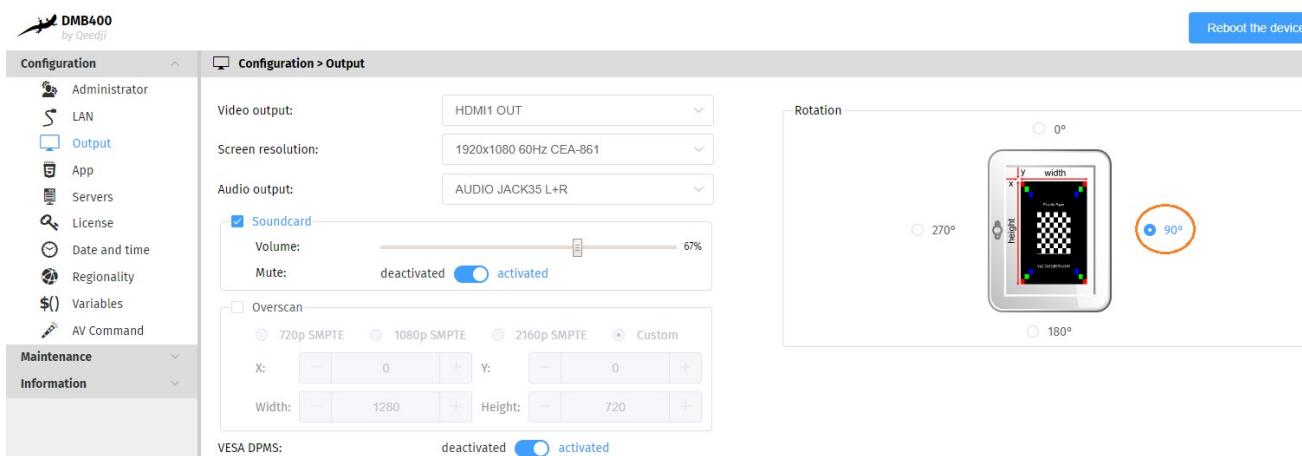
4.5.3 Portrait

Similar to **Summary screen by resource - Landscape** layout configuration but for portrait view.

Attention: in portrait mode, arrange your layout in order to display properly the required information (ex: 2 timeslots per page, 13 meetings rooms per page)

In order to publish SignMeeting in mode portrait,

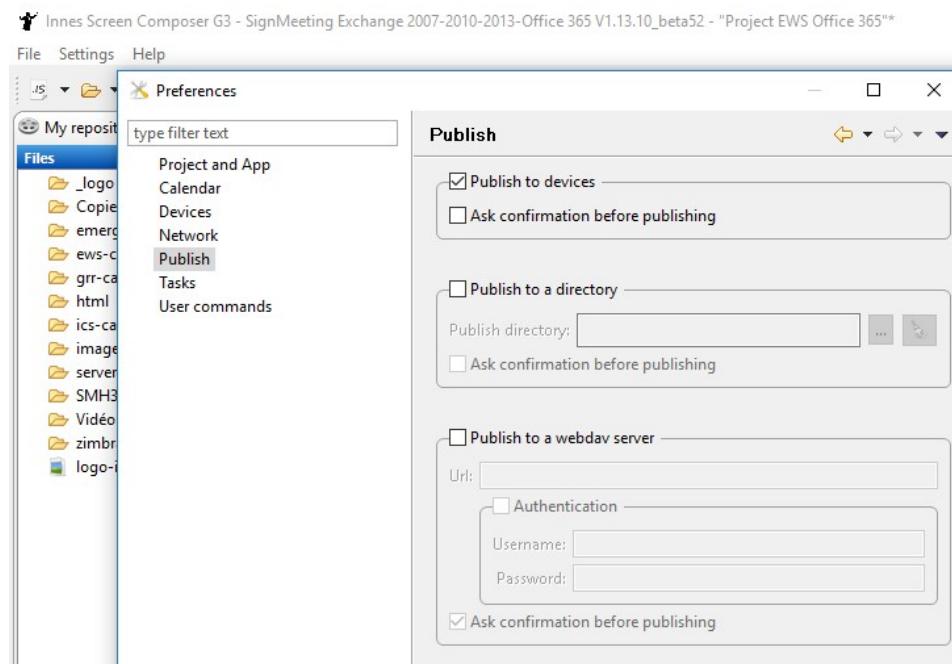
- Set the Playzilla layout in portrait mode (ex: 1080x1920)
- Device WebUI:
 - change the output rotation to 90° (or 270°)
 - Select the resolution according to (check over scan configuration if any)



5 Screen Composer : publication

5.1 Publication activation

Open Screen Composer and check that **Publish to devices** is selected (menu **Preferences** then menu **Publish**).

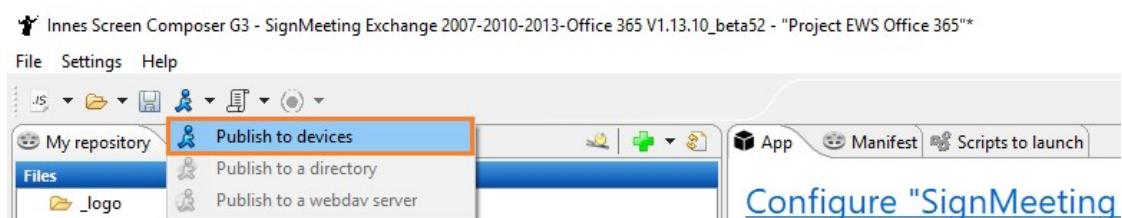


5.2 Device (select one or several devices)

In the Device's section, select the devices that you want to publish to.

5.3 Publish

Click on the button **Publish to devices**:



6 Using SignMeeting on SMT210 (Room Screen)

SignMeeting in the **Room screen** layout can display two meetings on the main screen:

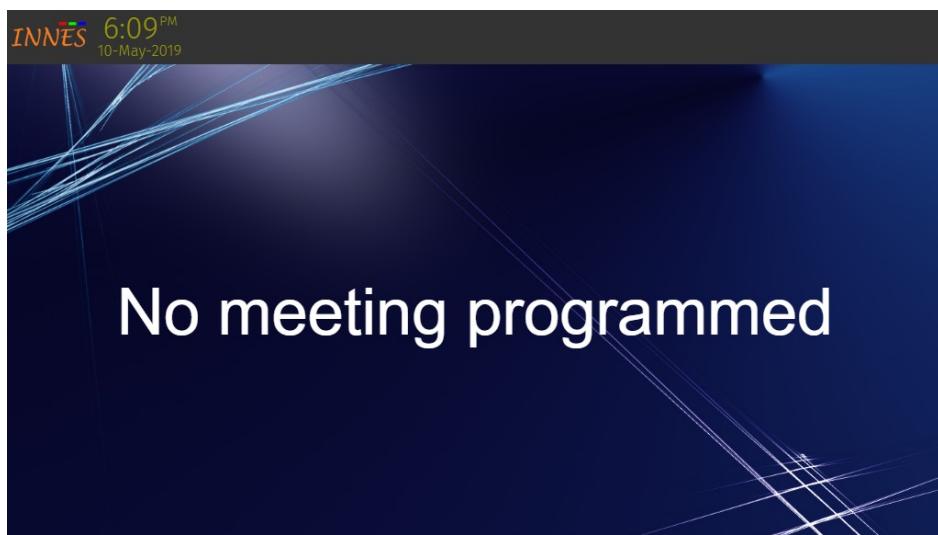
- The current meeting (if any),
- The next meeting (if any)

Several buttons are supported:

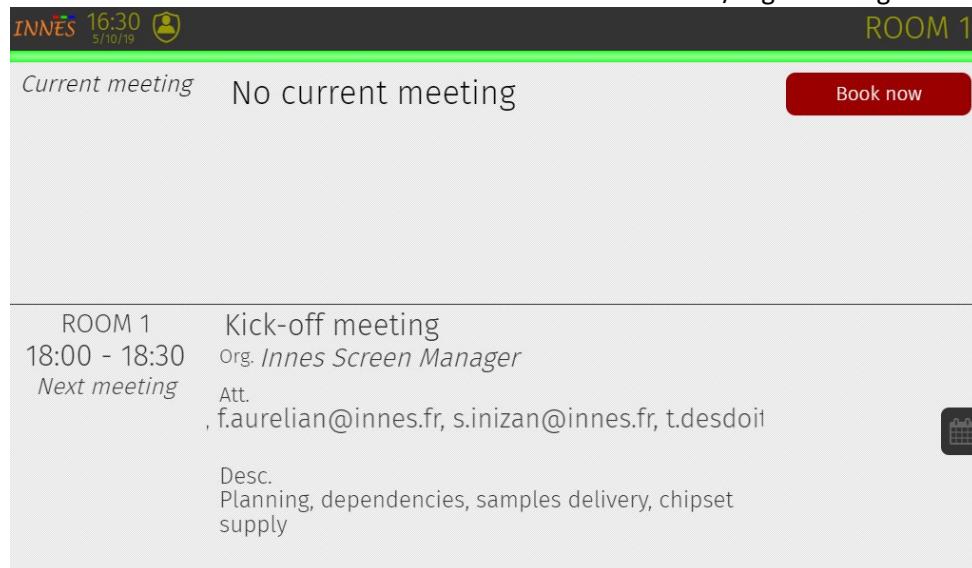
- The booking menu button  allowing to
 - view the planning of the meetings taking place today or the days after and
 - book a meeting today or the days after
- The **Book Now** button allowing to program an instant meeting
 - The **Room is empty** button allowing to shorten a meeting when it is finished
 - The **Confirm my presence** button allowing to confirm that someone in the room is attending the meeting and confirm the meeting
 - Button **Close the door****

6.1 Main page

This is a SignMeeting rendering examples:



No meeting to display



6.1.1 Current meeting / next meeting

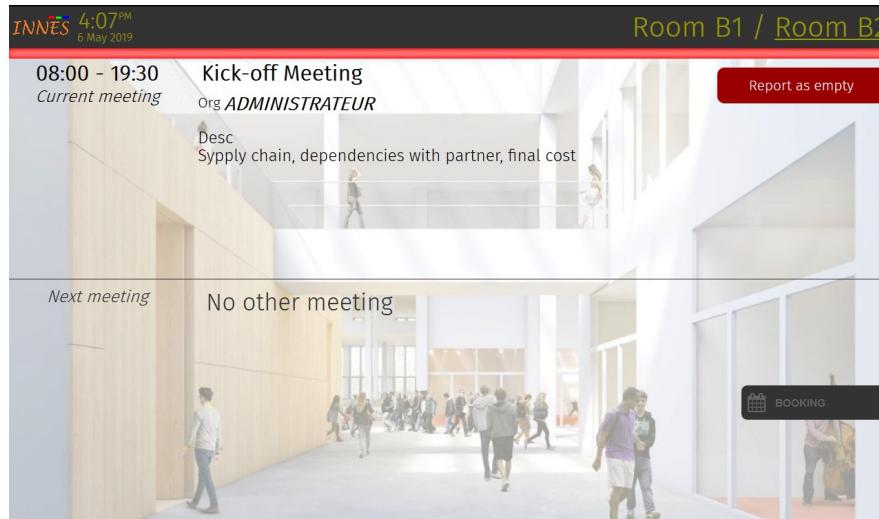
The SignMeeting application displays

- The **Current meeting**
 - If any
 - Else the default value *no current meeting* is displayed
- The **Next meeting**
 - if any
 - Else the default value *no next meeting* is displayed

6.1.2 Customization

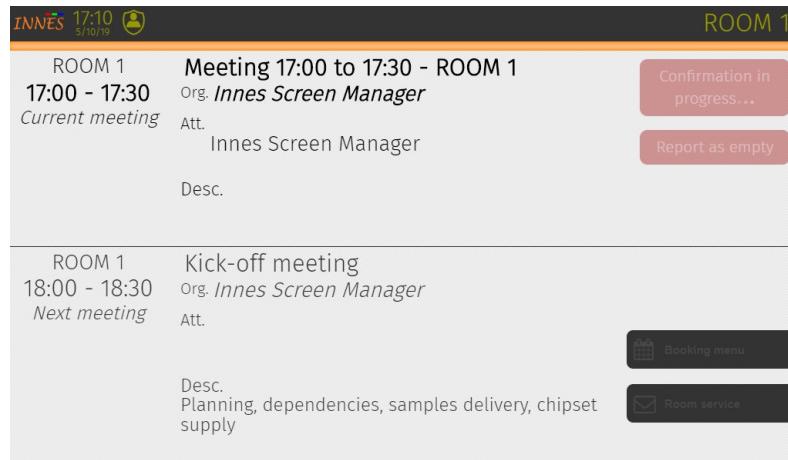
The banner's background colour and the banner's font can be changed in the form.

It is possible to completely configure the **SignMeeting** rendering with a **CSS file (.css)**. It allows to customize for example the text colours, the background colour, the button colours, the horizontal splitter line, ...



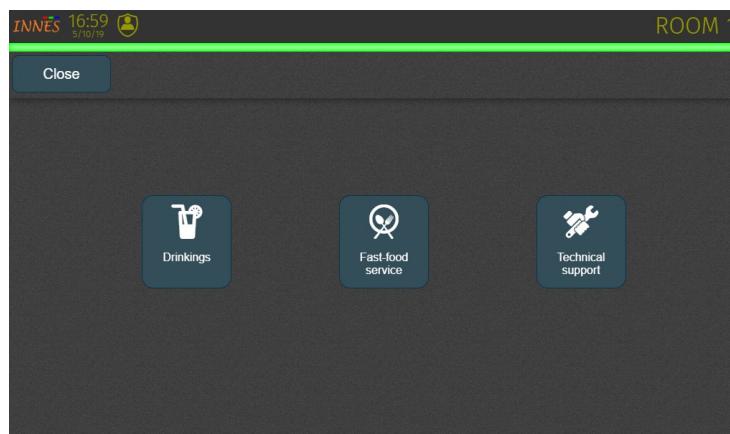
6.1.3 Buttons

Several buttons are then supported:



- **Booking menu**
 - allowing to access to a screen showing the planning of the meetings in the day (time range defined in **SignMeeting**) and modify the planning (add*, modify*, delete*)

- **Notification button** (in the example: label *Room service*)
 - allowing access to a screen to send a notification by email to a predefined email details defined in **SignMeeting** form (recipient address, subject and body) when pressing on the appropriate button.
 - a new button is created each time a new item [recipient, subject, body] is created in the list of the notification page.
 - the **notification** button is not present when there is no item created in the notification page.
 - in case RFID authentication configuration, badging is required to access to the notification button.

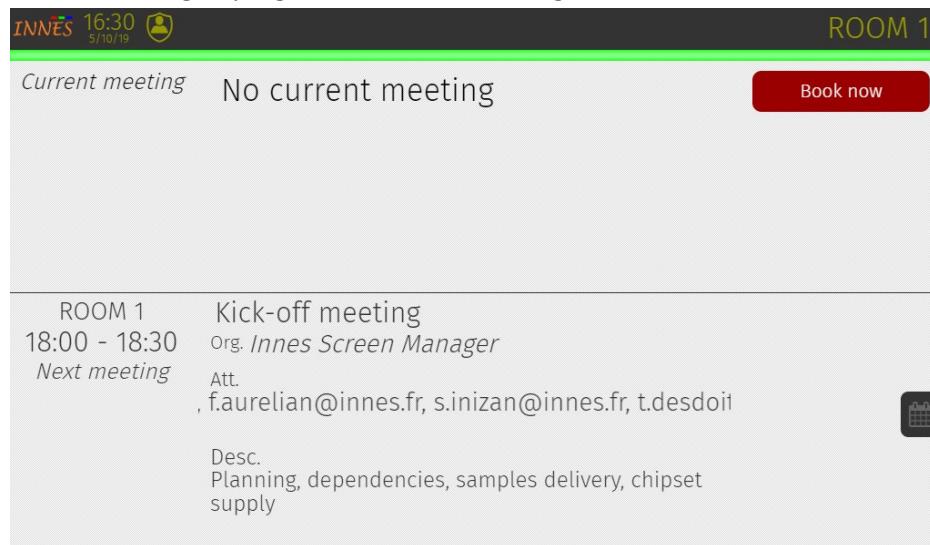


In this example, the **notification** button has been called *Room service*. Then 3 buttons have been created:

- *Drinkings*
- *Fast-food service*
- *Technical support*

It is required to use a pictogram for each button (more than 100 pictograms available in this version)

- The **Book Now** button allowing to program an instant meeting



*NO EVENT NUC-AREN: configurable and optional message

- The **Report as empty** button allowing to shorten a meeting when the meeting is terminated. This button can be displayed when a meeting has started, <n> minutes before the end of the meeting (default <n> value: 15 minutes).
- The **Confirm my presence** button allowing to confirm that the organizer in the room is attending the meeting and that the meeting really stands. This button can be displayed when a meeting has started, or <n> minutes before the begin of the meeting (default <n> value: 15 minutes).
- Button “Close the door”*

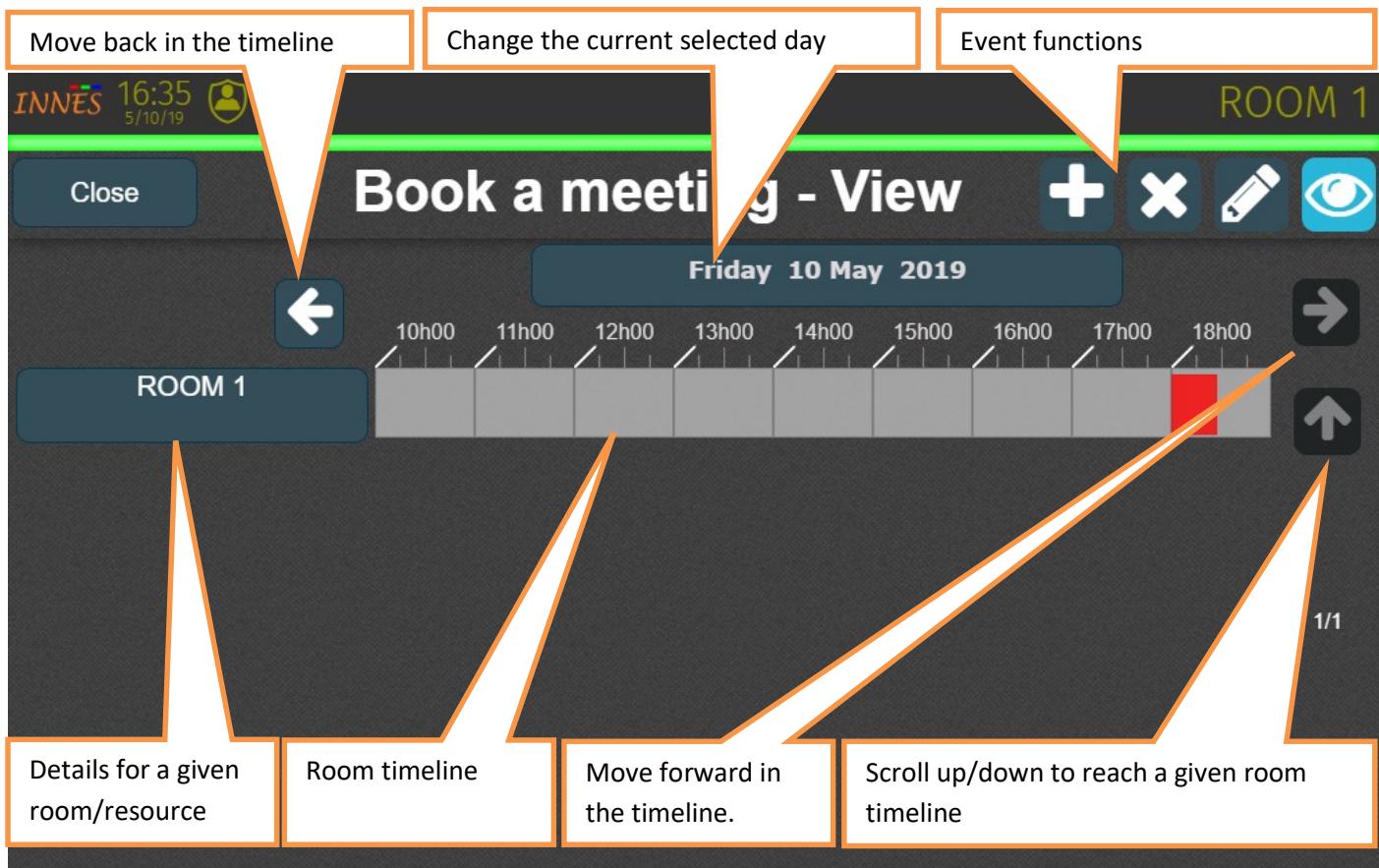
*Not supported by SignMeetingRooming'it

6.2 Booking menu button

The booking menu button allows to show all the current meetings for a selected day: the current one or any other day of the calendar.

To book a meeting, it is advised to have a appropriate view of all the meetings taking place on the selected day.

The time windows can be increased in the SignMeting's form (Datasource tab).

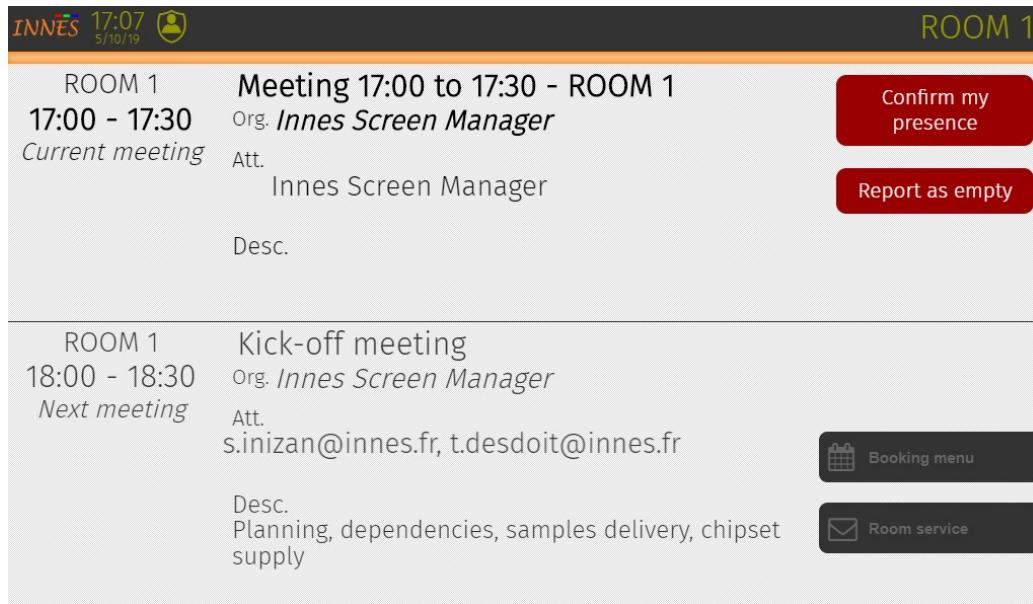


The booked meeting are shown in the red colour.

In this example, a meeting is taking place in the ROOM1 resource from 18h to 18h30, on Friday 10 May 2019.

6.3 Confirm my presence button

This button appears when a meeting has just begun.

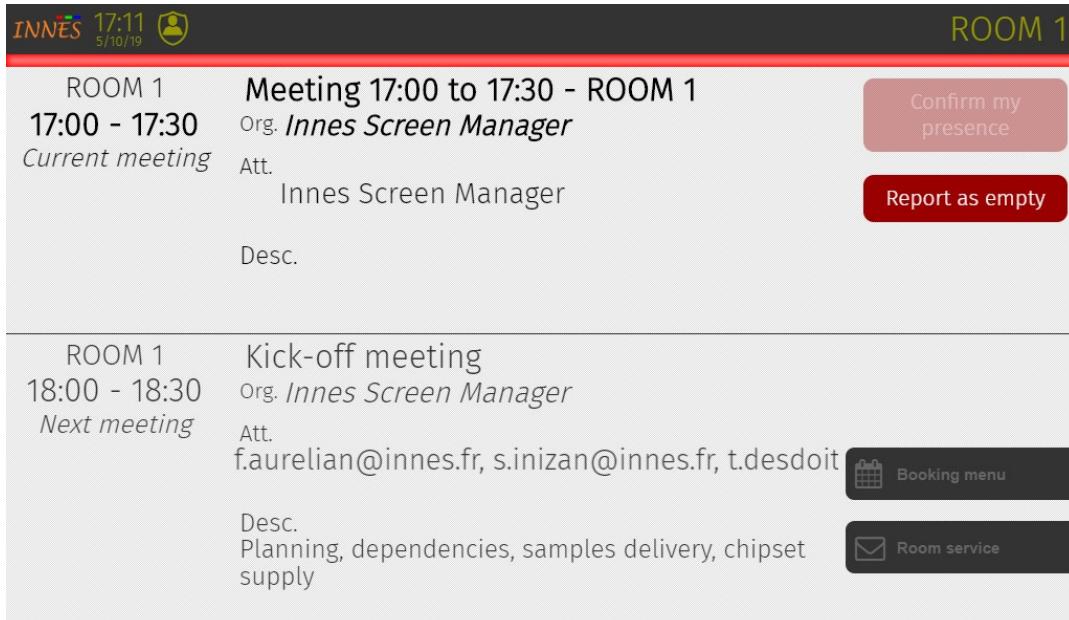


It allows to confirm that some people is well attending the meeting. When the user is pressing on the *confirm my presence* button, the meeting is confirmed in the **Rooming'it** calendar system.

An option in form allows to activate the display the *confirm my presence* button for the next meeting allowing to confirm for sure a meeting taking place in the future.

Another option allows to delete the meeting when it has not been confirmed in the elapsed time.

6.4 Report as empty button



This button appears when a meeting has just begun. It is possible to configure the duration display for this button.

When the room is booked but there is no one in the room, it is possible to shorten the current meeting by using the **Report as empty** button and free the resource for another use.

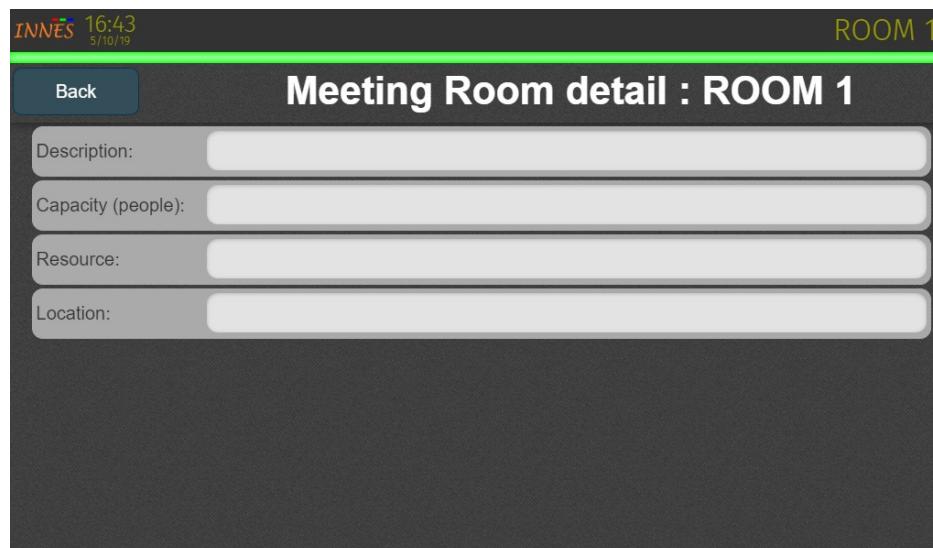
6.5 Event functions

- **Add:** allows to add a new event in the nearest resource availability.
Note: it is not possible to create meeting across several days in this version
- **Modify:** allows to modify an event
- **Delete:** allows to delete an event
- **View:** allows to get more detail on the meeting

6.5.1 Button Meeting detail view

Some specific meeting attributes can be displayed in event detail (only):

- Description
- Capacity
- Resource
- Location



6.5.2 Button Add & Modify

For **Add** and **Modify** functions, it is possible to press on the **clock** button to change

- the **Start** time and
- the **Finish** time

	08:00	08:15	08:30	08:45
	09:00	09:15	09:30	09:45
	10:00	10:15	10:30	10:45
	11:00	11:15	11:30	11:45
	12:00	12:15	12:30	12:45
	13:00	13:15	13:30	13:45

- Click on the required time to change or
- Click outside to cancel

A: when a meeting ha been booked with the **Book now** button, the label automatically generated can containing the meeting start time and meeting end time. In the case, when the user is changing the meeting start time or end time with the screen shown above, the label cannot be modified.

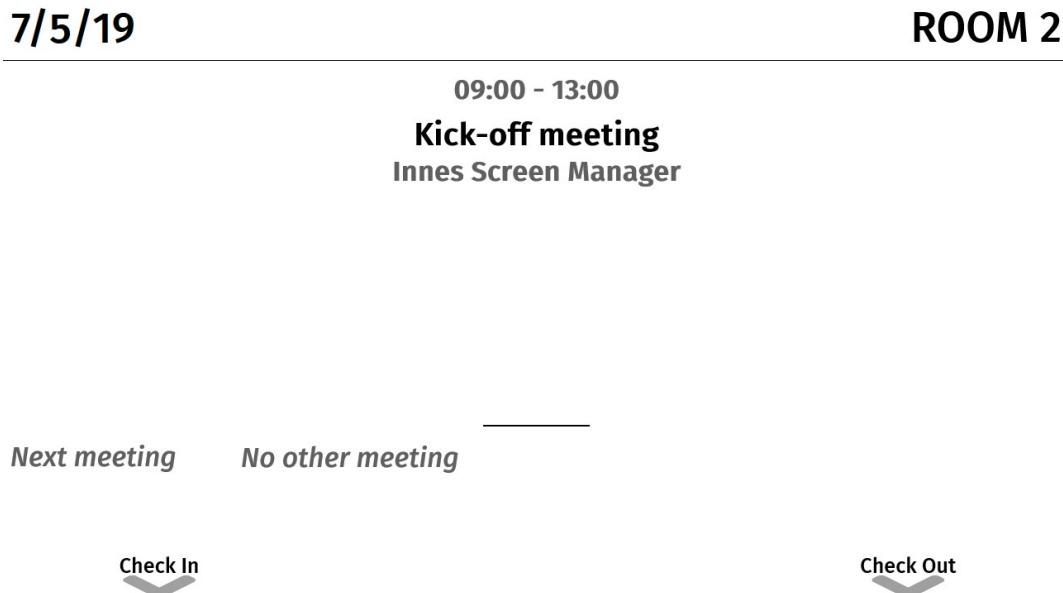
7 Using SignMeeting on SLATE (Room Label)

SignMeeting with **Room label** layout allows to display two meetings in the main window:

- The current meeting (if any)
- The next meeting (if any)

7.1 Main page

This is a SignMeeting rendering examples:



7.1.1 Current meeting / next meeting

- Display **Current meeting** (if any)
 - Else “no current meeting” is displayed
- Display **Next meeting** (if any)
 - Else “no other meeting” is displayed

7.1.2 Customization

It is possible to customize the SignMeeting rendering with a custom **CSS file**. An example **signmeting_theme_room_screen_V1.13.10.css** is provided with the delivery.

This is a **SignMeeting** rendering examples:

16:30 - 18:15**Kick-off meeting**

Org. Innes Screen Manager

Desc. Samples delivery, dependencies, integration plan, mass production

Next meeting *Project meeting review*
 18:30 - 19:45

Check In

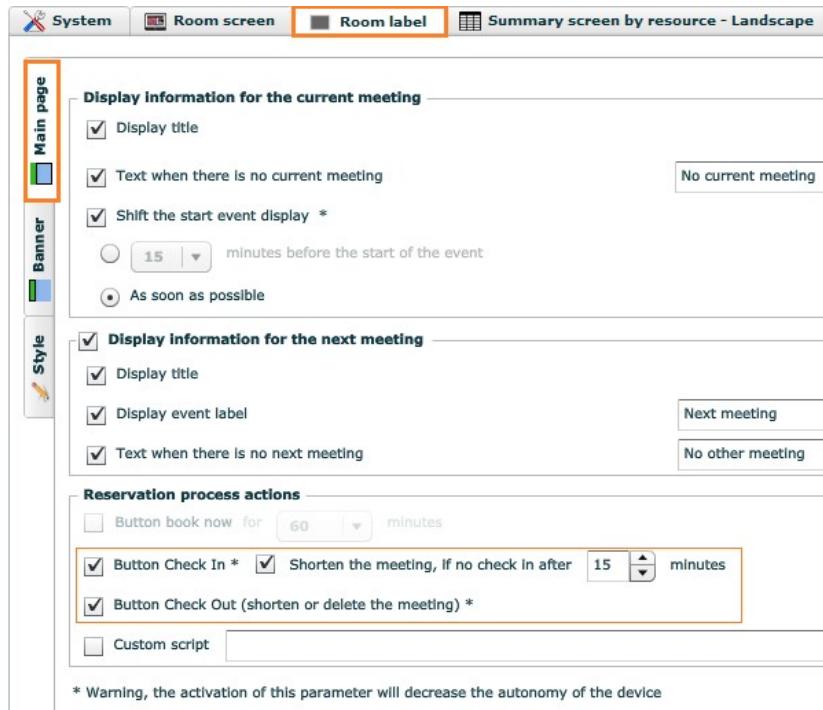
Check Out

7.1.3 Buttons

Several buttons are supported (when they are activated):

- The **Check In** button (optional) allowing to confirm your presence to the meeting and
- The **Check Out** button (optional) allowing to free the room resource and shorten the meeting.

To support the **Check In** and **Check Out** buttons, activate them in the appropriate tab shown below.



Given that there is a content synchronization delay of <n> minutes between the SMH300 hub and the SLATE (by default: 15 minutes), the **Check In** button has 2 functions when it is pressed:

- If the content is not yet synchronized with the **SMH300 hub**, the SLATE is only downloading the new content and does not validate the meeting.
- If the content is already synchronized with the **SMH300 hub**, the SLATE is requesting a meeting confirmation and stays awoken until the new content is updated. When the meeting is confirmed, the **Check In** button disappears.

On the SLATE, the **Check In** and **Check Out** buttons can work as soon as:

- the vibration wake-up is activated and the key press values are transmitted through WPAN
 - in this case, the LED is blinking as soon as a key is pressed.

For further information, read the *SMH300 user manual*.

7.2 Button : Check In

This button appears when a meeting has just begun.

14:00 - 15:00

Kick-off meeting INS002

Innes Screen Manager

Next
meeting

Project meeting review INS01
15:30 - 19:00



The button **Check In** allows to confirm that some people are attending the meeting. Consequently, the meeting is confirmed in Rooming IT calendar. If the meeting has to be cancelled at this step, it is possible to also free the room resource by pressing on the **Check Out** button.

Another option allows to **Check Out** automatically the meeting in case it has not been checked in in the elapsed time.

7.3 Button : Check Out

This button appears when a meeting has just begun (by default *).

14:00 - 15:00

Kick-off meeting INS002

Innes Screen Manager

Next
meeting

Project meeting review INS01
15:30 - 19:00



When the room is booked but there is no one in the room, it is possible to shorten the current meeting by pressing the **Check Out** button and free the room resource.

8 Appendix

8.1 Theme CSS

CSS type	< SignMeeting 1.12.35	SignMeeting 1.13.10
CSS theme for Room Label	label_default_sm_1.13.10.css	signmeting_theme_room_screen_1.13.10.css
CSS theme for Room Screen	theme_css_generic_1.12.20.css	signmeting_theme_room_screen_1.13.10.css
CSS theme for Summarization by resource	theme_roomgrid_sm_1.12.22.css	signmeeting_theme_summarization_by_resource_1.13.10.css

8.1.1 For Summary screen by resource layout

8.1.1.1 signmeeting_theme_summarization_by_resource_1.13.10.css

it is possible to change, for the different cells of the grid:

- background colour
- border colour
- font colour

```
.room_title
{
colour:#FFFFFF;
background-colour:#393939;
border-colour : #000000;
}

.room_name
{
colour:#FFFFFF;
background-colour:#393939;
border-colour : #000000;
}

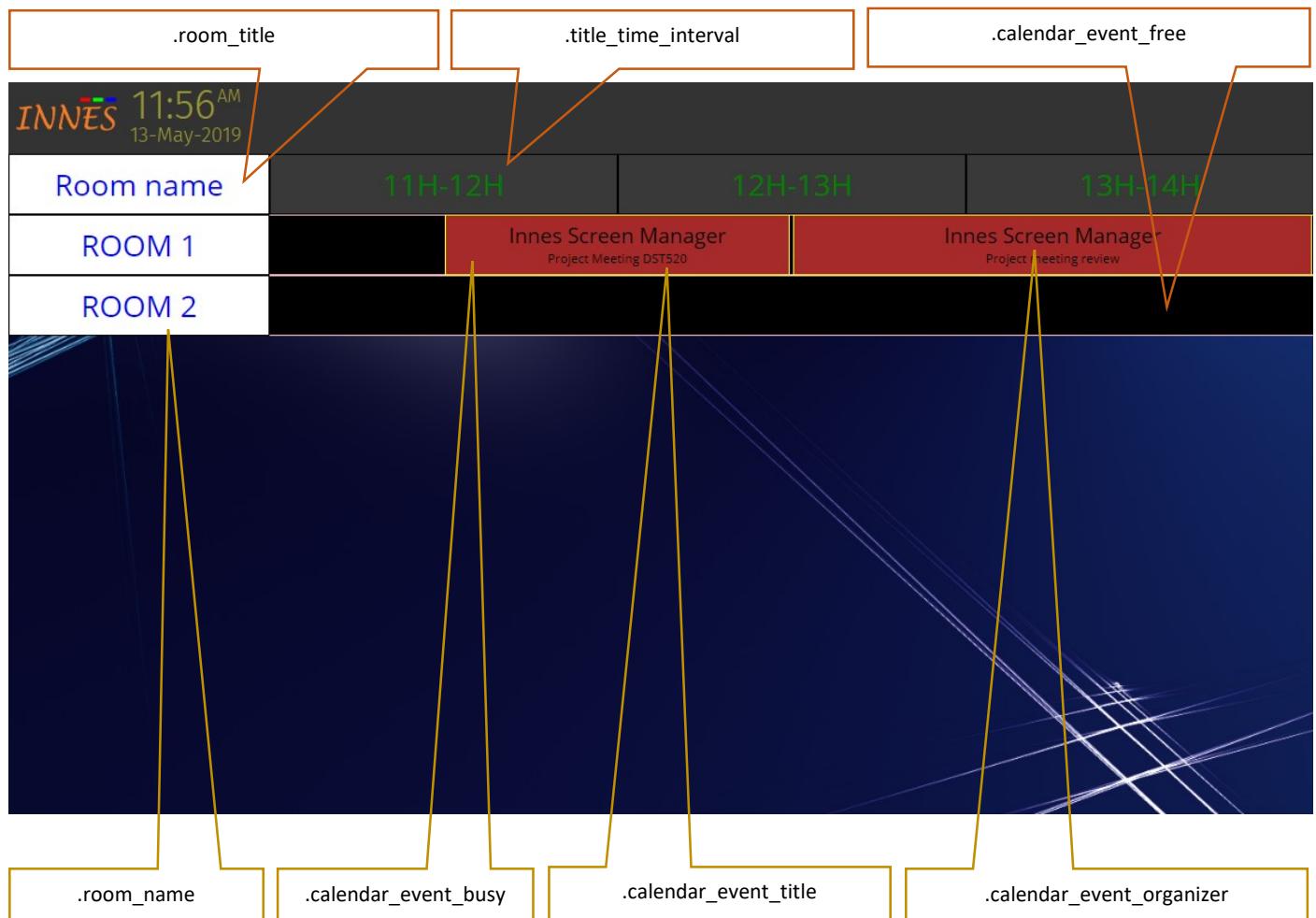
.title_time_interval
{
colour:#FFFFFF;
background-colour:#393939;
border-colour : #000000;
}

.calendar_event_free
{
/*background-colour:#00FF00;*/
background-colour:rgb(162, 162, 162);
border-colour : #000000;
}

.calendar_event_busy
{
/*background-colour:rgb(127, 16, 6);*/
/* background-colour:#FF0000;*/
border-colour : #000000;
background-colour:rgb(214, 33, 75);
}
```

```
.calendar_event_title  
{  
    colour:#000000;  
}  
  
.calendar_event_organizer  
{  
    colour:#000000;  
}
```

8.1.1.2 CSS style configuration for Summary screen by resource





Customization part specific to a specific device (identifiable with its variable value: MAC, UUID, HOSTNAME, FIELD1 .. 5)

```
/*
CSS classes matching the deviceInfo variables specific to each device are set on the container.
It allows you to apply specific CSS rules based on the device.
A prefix is used for CSS compatibility and to match the deviceInfo Name.
For example:
.MAC_00-1C-E6-02-38-63 #mainpage_current_summary {
    colour: red;
}
The names of the classes is the concatenation of the device specific information:
- MAC_<mac_address_value> with <mac_address_value> being the current MAC address of your device.
- UUID_<uid_device_value> with <uid_device_value> being the Universal Unique identifier of your device.
- HOSTNAME_<hostname_value> with <hostname_value> being the Hostname defined on your device,
- FIELD<field_number>_<field_value> with <field_number> being the index of the field variable (from 1 to 5) and
<field_value> its value on your device.
*/
.MAC_00-1C-E6-02-38-63 #mainpage_current_summary {
    colour: inherit;
}
```

- For example: the player whose the MAC address is 00-1C-E6-02-00-BE will take these CSS class values

```
.UUID_02b403c0-0000-0000-0000-001ce6023863 {
    background-image: url("../images/MAC1.jpg");
}
.MAC_00-1C-E6-02-00-BE {
    background-image: url("../images/UUID1.jpg");
}
.FIELD1_F1_val {
    background-image: url("../images/F1_val1.jpg");
}
.HOSTNAME_hostname1 {
    background-image: url("../images/HOSTNAME1.jpg");
}

.MAC_00-1C-E6-02-00-BE #mainpage_current_attendees {
    colour: blue;
}

.MAC_00-1C-E6-02-00-BE #mainpage_current_description {
    colour: green;
}

.MAC_00-1C-E6-02-00-BE #mainpage_current_location,
.MAC_00-1C-E6-02-00-BE #mainpage_current_summary {
    colour: red;
}
```

When several variables values can be resolved for a same device, the last one is applied.

Customization of the current meeting. Here all the fields of the current meeting have the same colour #000

```
#mainpage_current_summary,
#mainpage_current_location,
#mainpage_current_organizer,
#mainpage_current_organizer-label,
#mainpage_current_attendees,
#mainpage_current_attendees-label,
#mainpage_current_description,
#mainpage_current_description-label,
#mainpage_current_date,
#mainpage_current_meeting-state {
    colour: #000;
}
```

- For example: the 7 first fields of the current meeting have the colour #000, the 3 last fields of the current meeting have the colour green

```
#mainpage_current_summary,
#mainpage_current_organizer,
#mainpage_current_organizer-label,
#mainpage_current_attendees,
#mainpage_current_attendees-label,
#mainpage_current_date,
#mainpage_current_meeting-state {
    colour: black;
}

#mainpage_current_description,
#mainpage_current_description-label,
#mainpage_current_location {
    colour: green;
}
```

Size of the splitter

```
/* Splitter line between the current and the next meeting sections */
#divEventTwo {
    border-top: 1px solid #333;
}
```

Customization of the next meeting. Here all the fields of the current meeting have the same colour #000

```
/* NEXT MEETING */

#mainpage_next_summary,
#mainpage_next_attendees,
#mainpage_next_attendees-label,
#mainpage_next_organizer,
#mainpage_next_organizer-label,
#mainpage_next_description,
#mainpage_next_date,
#mainpage_next_meeting-state {
    colour: #333;
```

Customize the button

```
/* Buttons for the current and next meeting */
.mainpage_current_buttons,
.mainpage_next_buttons {
    colour: #FFFFFF;
    background-colour: #990000;
}
.mainpage_current_buttons_inactive,
.mainpage_next_buttons_inactive {
    colour: rgba(255, 255, 255, 0.38);
    background-colour: rgba(153, 0, 0, 0.38);
    pointer-events: none;
}
```

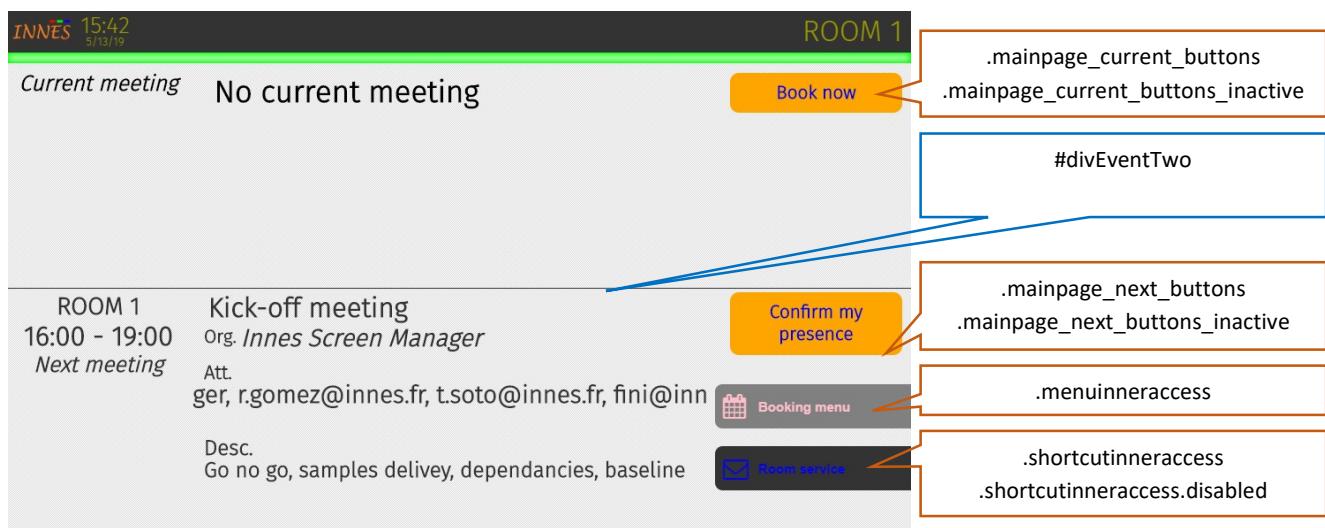
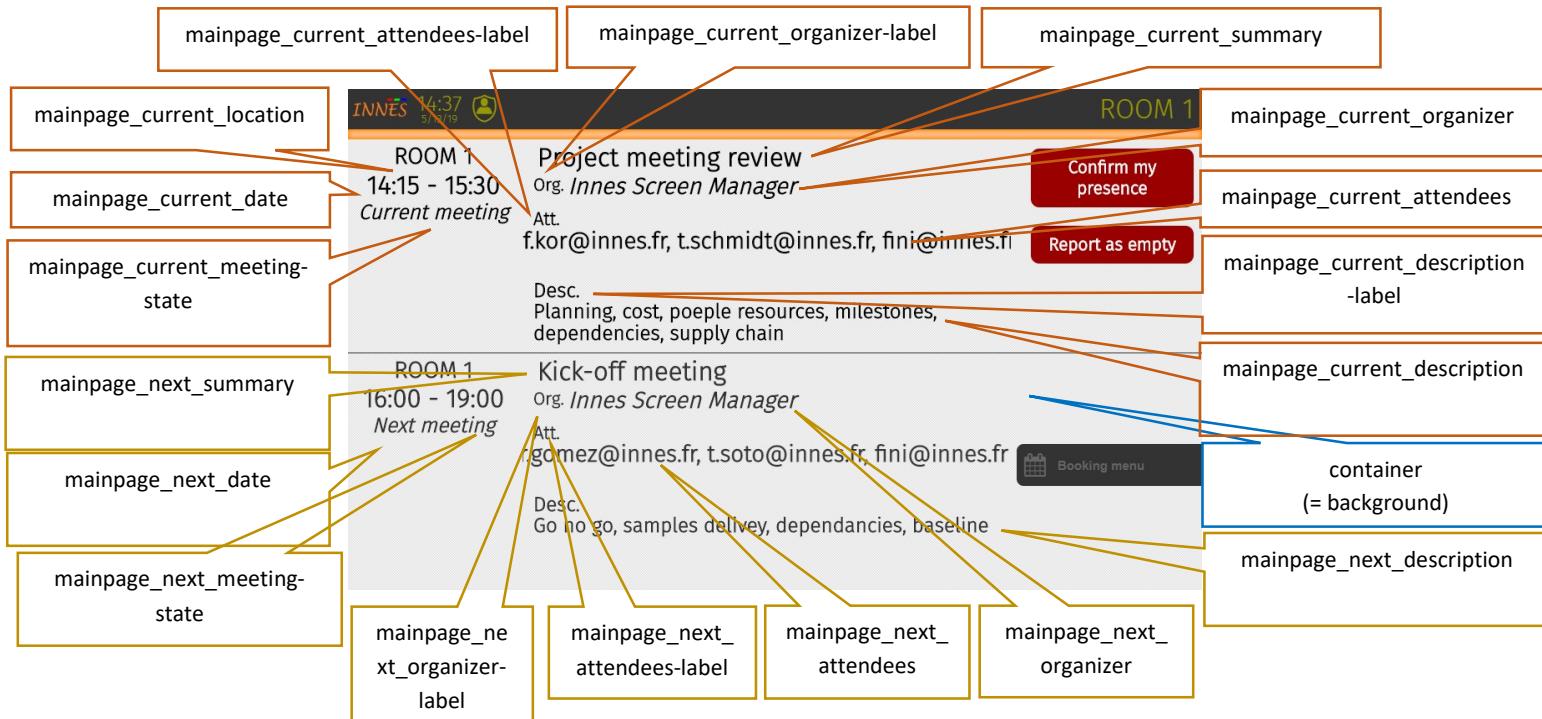
Customize booking button:

```
/* Buttons for the booking actions */
.menuinneraccess {
    background-colour: rgb(255, 255, 255);
    colour: #666666 !important;
}
```

Customize the button allowing to access to the notification page (room service):

```
/* Button to access the shortcut page */
#shortcutinneraccess {
    colour: rgb(102, 102, 102) !important;
}
#shortcutinneraccess.disabled {
    colour: rgba(102, 102, 102, 0.38) !important;
    pointer-events: none;
}
```


8.1.2.2 CSS style configuration for Room Screen layout



Close

shortcutPage.notificationpage_background



Drinkings

Fast-food
serviceTechnical
support

Next meeting

```
/* NEXT MEETING */
#mainpage_next_summary {
    colour: #000000;
}

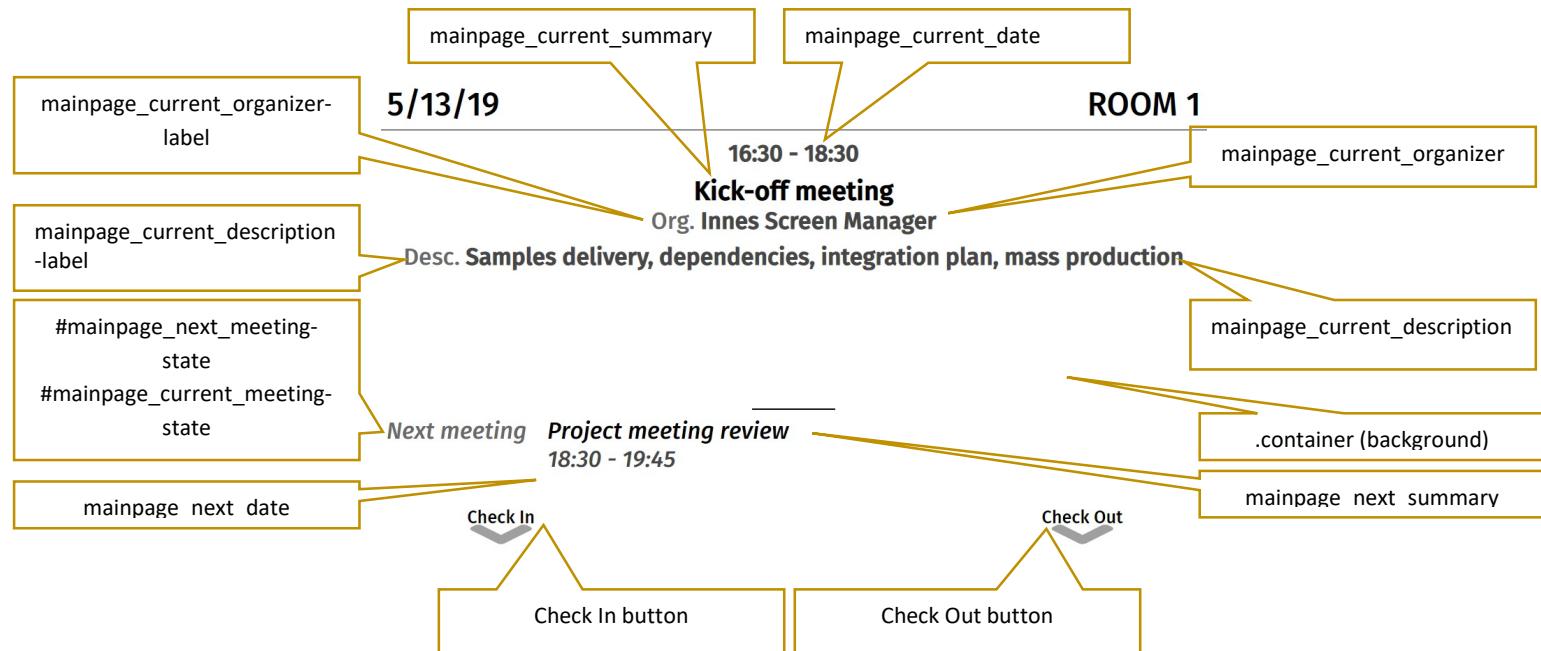
#mainpage_next_date {
    colour: #474747;
}

#mainpage_next_meeting-state {
    colour: #696969;
}
```

Check In / Check Out label color

```
/* BUTTONS */
#buttonBar,
.labelButtonIcon {
    color: #474747;
}
```

8.1.3.2 CSS style configuration for Room label layout



8.1.3.3 CSS Configuration

- Change the colour:

```
#mainpage_current_summary
{
    colour:#0077FF;
}
```

- Change the background-colour:

```
#container
{
background-colour:rgba(255,128,0,0.7);
```

- Change the background image:

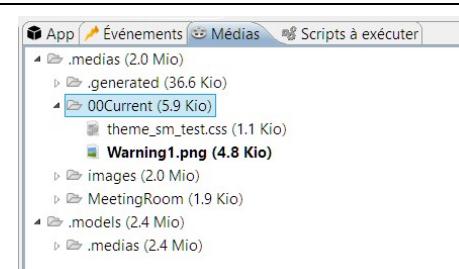
```
#container
{
background-image: url("./background.png");
```

Note: the background image need to be added in media of manifest in Screen Composer.

On SMT210, the best graphic rendering is done with picture resolution 1024x600 pixels.

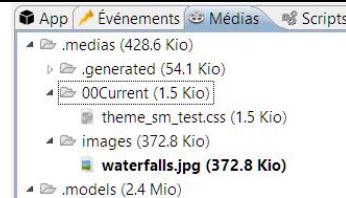
Exemple 1 :

```
#container
{
background-image: url("Warning1.png");
}
```



Exemple 2 :

```
#container
{
background-image:
url("../images/waterfalls.jpg");
}
```



8.2 SignMeeting mapping

8.2.1 Mapping SignMeeting & ROOMINGIT system

SignMeeting	ICS	ROOMING IT server
Id	UID	ID
Title	SUMMARY	Title
Location (resource label)	LOCATION	Label as defined by user in the form;
Description	DESCRIPTION	Description
Resource Id	RESOURCE, Id	Resource
Time range start	DTSTART	StartDateTime
Time range end	DTEND	EndDateTime
Organisator	ORGANIZER, CN	Organizer (Email / Name)

8.2.2 Mapping SignMeeting & CSS (style sheet)

SignMeeting	ICS	Current meeting CSS	Next meeting CSS
Title	SUMMARY	mainpage_current_summary	mainpage_next_summary
Description	DESCRIPTION	mainpage_current_description	mainpage_next_description
Label description	N/A	mainpage_current_description-label	N/A
Location	LOCATION	mainpage_current_location	N/A
Time range	DTSTART / DTEND	mainpage_current_date	mainpage_next_date
Organisator	ORGANIZER, CN	mainpage_current_organizer	mainpage_next_organizer
Organisator label	N/A	mainpage_current_organizer-label	mainpage_next_organizer-label
Event type	N/A	mainpage_current_meeting-state	mainpage_next_meeting-state
Attendees	ATTENDEE, CN	mainpage_current_attendees	mainpage_next_attendees
Attendees label	N/A	mainpage_current_attendees-label	mainpage_next_attendees-label

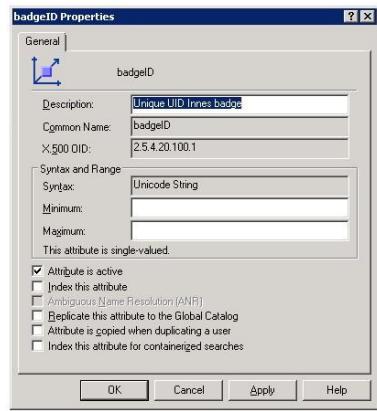
8.2.3 Mapping : SignMeeting & summary composition columns title

SignMeeting label	ICS	SignMeeting fields
Title	SUMMARY	summary
Description	DESCRIPTION	description
Location	LOCATION	location
Time range	DTSTART / DTEND	time_range
Organisator	ORGANIZER, CN	organizer
Attendees	ATTENDEE, CN	attendees

8.3 Add customized attribute in LDAP

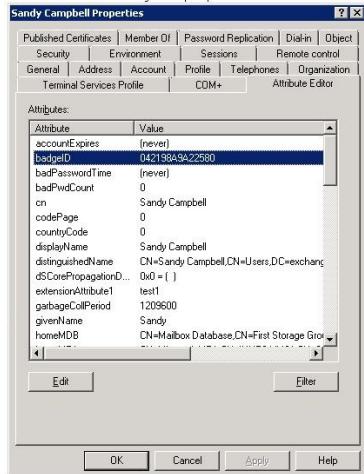
- Either existing attribute of LDAP,
- Or customized attribute (which has to be added to the required class in a directory).

The type or syntax are simple string (for example in Active Directory, defined as Unicode string):



Follow these steps to add a new attribute.

1. Add a new attribute to the LDAP scheme
 - a new OID has to be added to the attribute
 - that OID should follow the numbering strategy of existing OID
2. Add attribute to the class.
3. Restart LDAP directory service.
4. Add RFID badge UID for the new attribute for each element in the class requiring a identification
For example: for a new attribute **badgelD**:



8.4 Device & calendar system certificate

Working with the calendar system may require adding a certificate in the device. Connect to the device WebUI and add the appropriate certificate.

8.5 Downgrade SignMeeting Rooming'it from 1.13.10 to 1.12.XX

To downgrade **SignMeeting** from 1.13.10 to 1.12.XX,

- Erase the App SignMeeting 1.13.10 model file:
 - C:\Users\...\Innes Screen Composer G3\Workspace\.models\.apps\urn%3Ans.innes.app.signmeeting%23roomingit.1.appl
- Create a new project and import the app **signmeeting_roomingit-screen_composer-setup-1.12.33_beta15.appl**.
And close the project.
- Open the existing project **SignMeeting** as it was already configured.