

CHAPTER 6

Usage Scenarios

This chapter provides a holistic information on all the key tasks that you can perform using the following solutions of the Cisco Smart+Connected Digital Signage (Smart+Connected DS) application:

- Cisco Smart+Connected Emergency Notification (Smart+Connected EN)
- Cisco Smart+Connected Information Signage (Smart+Connected IS)
- Cisco Smart+Connected Green Advisor (Smart+Connected GA)

You can also easily navigate to the sections that provide information on all sub-tasks that need to be performed in order to achieve the key tasks.

- [Smart+Connected EN Scenarios, page 6-1](#)
- [Smart+Connected IS Scenarios, page 6-3](#)
- [Smart+Connected GA Scenarios, page 6-8](#)

Smart+Connected EN Scenarios

- [Sending Emergency Incident Messages on the Digital Signage/IEC, page 6-1](#)
- [Sending Emergency Incident Messages on IP Phones, page 6-2](#)

Sending Emergency Incident Messages on the Digital Signage/IEC

Order	Tasks	See
1	Import a DMP certificate for the DMP if it uses HTTPS.	“Importing SSL Certificates” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
2	Create location(s) ¹ as required in the location hierarchy.	“Adding Locations” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>

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Order	Tasks	See
3	Create a device 'Digital Media Player' (DMP) for the created location(s).	"Adding Devices" section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
4	Configure adapter properties for DMP Bean in the database.	"Configuring Adapter Properties" section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
5	Create or configure the template for emergency notification	"Adding Templates" section on page 4-2
6	Create the emergency incident message template	"Adding the Emergency Incident Message Templates" section on page 2-5
7	Create the emergency incident message, associate with location(s), and enable the message	"Adding or Enabling the Emergency Incident Messages" section on page 2-10

1. Locations can be mean either conference rooms, floor plan, or a building.

Sending Emergency Incident Messages on IP Phones

Order	Tasks	See
1	Import the CUCM certificate for the Cisco IP phone.	"Importing SSL Certificates" section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
2	Create location(s) ¹ as required in the location hierarchy.	"Adding Locations" section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
3	Create a device 'IP phone' for the location(s).	"Adding Devices" section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
4	Configure adapter properties for IP phone Bean in the database to display the emergency incident message on IP phone.	"Configuring Adapter Properties" section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
5	Set up content for the Cisco IP phone	"Adding the Emergency Incident Message Templates" section on page 2-5

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Order	Tasks	See
6	Enable the emergency incident message	“Adding or Enabling the Emergency Incident Messages” section on page 2-10
7	Configure audio on IP phone.	“Configuring Audio Notification to IP Phone” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>

- Locations can be mean either conference rooms, floor plan, or a building.

Smart+Connected IS Scenarios

- [Displaying Meeting Details on the Floor Plan Display, page 6-3](#)
- [Displaying Meeting Room Details on the Conference Room Plan Display, page 6-4](#)
- [Displaying Meeting Room Details in Building View, page 6-5](#)
- [Displaying News Content on the Digital Signage/IEC, page 6-6](#)
- [Displaying External Content on the Digital Signage/IEC, page 6-6](#)
- [Adding Sequence to Signage Content using DMM, page 6-7](#)

Displaying Meeting Details on the Floor Plan Display


Order	Tasks	See
1	<ul style="list-style-type: none"> • Import a DMP certificate for the DMP if it uses HTTPS. • Import the certificate for the Exchange 	“Importing SSL Certificates” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
2	Create location(s) ¹ as required in the location hierarchy.	“Adding Locations” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
3	Create a device ‘Digital Media Player’ for the required location(s).	“Adding Devices” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
4	Configure adapter properties for DMP Bean in the database.	“Configuring Adapter Properties” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
5	Add ‘floor plan’ as the signage content.	“Adding Signage Content” section in the <i>Cisco Smart+Connected Meeting Spaces Administrator Guide</i>

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Order	Tasks	See
6	Create a content link for the added 'floor plan'.	“Adding the Content Links” section on page 3-6
7	Add sequence to the added content link and provide the duration of display.	“Adding Sequence” section on page 3-9
8	Book the conference room through a mail client or a Cisco IP Phone.	“Adding Configurations” section in the <i>Cisco Smart+Connected Meeting Spaces Administrator Guide</i>

1. Locations can be mean either conference rooms, floor plan, or a building.


Displaying Meeting Room Details on the Conference Room Plan Display

Order	Tasks	See
1	Import a DMP certificate for the DMP if it uses HTTPS.	“Importing SSL Certificates” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
2	Create location(s) ¹ as required in the location hierarchy.	“Adding Locations” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
3	Create a device 'Digital Media Player' for the required location(s).	“Adding Devices” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
4	Configure adapter properties for DMP Bean in the database.  Note You must perform this step only if the DMP adaptor was not configured earlier.	“Configuring Adapter Properties” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
5	Add 'conference room plan' as the signage content and select the Primary Conference Room check box to make the room as a primary preference.	“Adding Signage Content” section in the <i>Cisco Smart+Connected Meeting Spaces Administrator Guide</i>
6	Create a content link for the added 'conference room plan' signage content.	“Adding the Content Links” section on page 3-6
7	Add sequence to the added content link and provide the duration of display.	“Adding Sequence” section on page 3-9
8	Book the conference room through a mail client or a Cisco IP Phone.	“Adding Configurations” section in the <i>Cisco Smart+Connected Meeting Spaces Administrator Guide</i>

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Displaying Meeting Room Details in Building View

Order	Tasks	See
1	Import a DMP certificate for the DMP if it uses HTTPS.	“Importing SSL Certificates” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
2	Create location(s) ¹ as required in the location hierarchy.	“Adding Locations” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
3	Create a device ‘Digital Media Player’ for the required location(s).	“Adding Devices” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
4	Configure adapter properties for DMP Bean in the database.  Note You must perform this step only if the DMP adaptor was not configured earlier.	“Configuring Adapter Properties” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
5	Add ‘building view’ as the signage content.	“Adding Signage Content” section in the <i>Cisco Smart+Connected Meeting Spaces Administrator Guide</i>
6	Create a content link for the added ‘building view’ signage content.	“Adding the Content Links” section on page 3-6
7	Add sequence to the added content link and provide the duration of display.	“Adding Sequence” section on page 3-9
8	Book the building through an e-mail exchange or IP Phone.	“Adding Configurations” section in the <i>Cisco Smart+Connected Meeting Spaces Administrator Guide</i>

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Displaying News Content on the Digital Signage/IEC

Order	Tasks	See
1	Import a DMP certificate for the DMP if it uses HTTPS.	“Importing SSL Certificates” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
2	Create location(s) ¹ as required in the location hierarchy.	“Adding Locations” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
3	Create a device ‘Digital Media Player’ for the required location(s).	“Adding Devices” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
4	Configure adapter properties for DMP Bean in the database.	“Configuring Adapter Properties” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
5	Add and enable the news content for displaying on the digital signage/IEC.	“Adding or Enabling the News Content” section on page 3-2
6	Create a content link for the added news content.	“Adding the Content Links” section on page 3-6
7	Add sequence to the added content link and provide the duration of display.	“Adding Sequence” section on page 3-9

1. Locations can be mean either conference rooms, floor plan, or a building.

Displaying External Content on the Digital Signage/IEC

Order	Tasks	See
1	Import a DMP certificate for the DMP if it uses HTTPS.	“Importing SSL Certificates” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
2	Create location(s) ¹ as required in the location hierarchy.	“Adding Locations” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
3	Create a device ‘Digital Media Player’ for the required location(s).	“Adding Devices” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>

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Order	Tasks (continued)	See (continued)
4	Configure adapter properties for DMP Bean in the database.	“Configuring Adapter Properties” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
5	Create a content link for external URLs, such as Google, Yahoo, YouTube, and so on.	“Adding the Content Links” section on page 3-6
6	Add sequence to the added content link and provide the duration of display.	“Adding Sequence” section on page 3-9

1. Locations can be mean either conference rooms, floor plan, or a building.

Adding Sequence to Signage Content using DMM

Order	Tasks	See
1	Import a DMP certificate for the DMP if it uses HTTPS.	“Importing SSL Certificates” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
2	Create location(s) ¹ as required in the location hierarchy.	“Adding Locations” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
3	Configure adapter properties for DMM Bean in the database.	“Configuring Adapter Properties” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
4	Add a device ‘Digital Media Player’ to the required location(s).	“Adding Devices” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i> After adding, the DMP device created for the location is automatically displayed in the Digital Signage tab. For the DMM integration, you must provide the MAC ID of the DMP device.
5	Create a content link for the signage content.	“Adding the Content Links” section on page 3-6
6	Add sequence to the added content link and provide the duration of display.	“Adding Sequence” section on page 3-9

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**Note**

There should be no entry of ADAPTER_INSTANCE_ID of the DMP Bean (5004) in the adapter tables of the database, if the DMM adaptor is to be used.'

Smart+Connected GA Scenarios

- [Displaying Green Advisor Content on the Digital Signage/IEC, page 6-8](#)
- [Displaying the Telepresence Content, page 6-9](#)

Displaying Green Advisor Content on the Digital Signage/IEC

Order	Tasks	See
1	Import a DMP certificate for the DMP if it uses HTTPS.	“Importing SSL Certificates” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
2	Create location(s) ¹ as required in the location hierarchy.	“Adding Locations” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
3	Create a device ‘Digital Media Player’ for the required location(s).	“Adding Devices” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
4	Configure adapter properties for DMP Bean in the database.	“Configuring Adapter Properties” section in the <i>Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide</i>
5	Create a green advisor (GA) content for the required location(s).	“Adding a Green Fact” section on page 5-1
6	Create a content link for the added GA content.	“Adding the Content Links” section on page 3-6
7	Add sequence to the added content link and provide the duration of display.	“Adding Sequence” section on page 3-9

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Order	Tasks	See
8	Create a new display of the GA content to appear on the digital signage/IEC by choosing the appropriate widget.	“Creating a New Display” section on page 5-6
9	Display data for the widgets energy, water, and gas consumption in one of the following ways: <ul style="list-style-type: none"> • Set up data collection. • Manually configure data using the usage data. 	<ul style="list-style-type: none"> • To set up data collection, see the “Setting up Data Collection” section in the <i>Cisco Smart+Connected Digital Signage Installation Guide</i> • To manually configure data using the usage data, see the “Adding the Usage Data” section on page 5-4

1. Locations can be mean either conference rooms, floor plan, or a building.

Displaying the Telepresence Content

Order	Tasks	See
1	Create a new display by assigning the widget as ‘Telepresence’.	“Creating a New Display” section on page 5-6
2	Configure the telepresence content using the usage data.	“Adding the Usage Data” section on page 5-4
3	Create a content link for the telepresence content.	“Adding the Content Links” section on page 3-6
4	Add sequence to the added content link and provide the duration of display.	“Adding Sequence” section on page 3-9

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