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## **Cisco Smart+Connected Spaces User Guide**

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**Cisco Systems, Inc.**

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## Preface

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This preface describes the audience, organization, and conventions of the *Cisco Smart+Connected Spaces User Guide*. It also references related documentation and describes how to submit documentation feedback.

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## Audience

This guide is intended for the users of the Cisco Smart+Connected Spaces (Smart+Connected Spaces) solution.

## Organization

Chapter	Description
<a href="#">Chapter 1, “Introduction”</a>	Provides an overview of the Smart+Connected Spaces solution and its benefits.
<a href="#">Chapter 2, “Collaborating by Using Meeting Spaces”</a>	Describes how to view the availability of the conference/TP rooms and book them by using the signage/IEC, Spaces Outlook Plug-in, Spaces portal for room booking, room panels, or kiosks placed at the actual resource space.
<a href="#">Chapter 3, “Flexible Working by Using Personalized Spaces”</a>	Describes how to book workspaces/offices by using kiosks or the web portal for workspaces, check in to and check out of workspaces/offices, and set the workspace or office preferences.
<a href="#">Chapter 4, “Working with Smart+Connected Spaces Signage”</a>	Describes the content that you can access using the Cisco Smart+Connected Spaces signage.

## Conventions

Command descriptions use these conventions:

Convention	Indication
<b>boldface font</b>	Commands and keywords are in <b>boldface</b> .
<i>italic font</i>	Document titles and arguments for which you supply values are in <i>italics</i> .
Option > Option	Used to describe a series of menu options.

This document uses the following conventions:



### Note

Means *reader take note*. Notes contain helpful suggestions or references to material not covered in this guide.

## Related Documentation

- *Cisco Smart+Connected Spaces Installation Guide*
- *Cisco Smart+Connected Spaces Administration Guide*
- *Release Notes for Cisco Smart+Connected Spaces*

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# Introduction

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This chapter describes the Cisco Smart+Connected Spaces (Smart+Connected Spaces) solution and benefits.

## About Smart+Connected Spaces

The Smart+Connected Spaces solution allows you to book and manage conference/Cisco TelePresence (TP) rooms and workspaces/offices, and the resources in these spaces. It also provides features for enhanced organizational communication that help you to easily access news, ecological updates, energy consumption data, and notifications that provide vital information in emergency situations. The Smart+Connected Spaces features contribute to better resource management, energy savings, and environment-friendly corporate practices.

You can view/access the various features of the Smart+Connected Spaces application by using touchscreen and non-touchscreen Cisco IP Phones, touchscreen and non-touchscreen signage/IEC, room panels, kiosks, and the web portals for meeting spaces, workspaces, and kiosks.

Some additional features are available when using touchscreen signage and touchscreen Cisco IP Phones. For more information, see the [“Features Available in Signage”](#) section on page 2-24 and the [“Features Available in Cisco IP Phones”](#) section on page 2-53 in Chapter 2, “Collaborating by Using Meeting Spaces”.

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## Collaborating by Using Meeting Spaces

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This chapter describes how to view the conference or Cisco TelePresence (TP) room details on the Spaces portal for room booking, signage, kiosks, room panels, and Cisco IP Phones, book rooms using these devices or interfaces, and manage the meeting spaces resources.

- [Overview, page 2-1](#)
- [Using the Spaces Portal, page 2-1](#)
- [Using Signage, page 2-19](#)
- [Using Kiosks, page 2-26](#)
- [Using Room Panels, page 2-41](#)
- [Installing and Using the Smart Spaces Outlook Plug-in, page 2-45](#)
- [Using Cisco IP Phones, page 2-51](#)
- [Controlling Room Resources Using Cisco IP Phones, page 2-55](#)

### Overview

Apart from booking the conference or TP rooms using the traditional methods, the Smart+Connected Spaces solution allows use the touchscreen signage located in a building to view the room schedule and book the available conference or TP rooms in a building. You can also book the conference rooms using the Spaces portal for room booking, kiosks, room panels, and the Cisco IP Phones located in the conference rooms.

The Smart+Connected Spaces solution also helps you manage the resources in these meeting spaces by using Cisco IP Phones.

### Using the Spaces Portal

- [About the Portal, page 2-2](#)
- [Understanding the User Interface, page 2-3](#)
- [Portal Tabs, page 2-4](#)
- [Creating a Quick Reservation, page 2-6](#)
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## About the Portal

The Spaces portal for room booking allows you to search for, book, and set up the conference or TP rooms for meetings, book resources for these rooms, send out invites to the attendees, and manage your meetings. You can apply your preferred settings to customize the booking experience, save the search results to use them for future bookings, and set certain conference rooms as your favorites so that they show up whenever you search for rooms.

The portal displays the daily, weekly, and monthly meeting calendar, which is up-to-date and synchronized with your enterprise calendaring system. You can use the calendar to quickly view all of the meetings that you are a part of, whether as the attendee or the organizer. You have the option of accepting, declining, or deleting the meetings from the calendar itself. The recurring meeting feature allows you to create a single reservation for multiple meetings that you have to repeatedly organize over a period of time. This saves you the inconvenience of creating separate reservations on a daily, weekly, or monthly basis. You can add the WebEx meeting option which allows the attendees to log in remotely over web if they cannot be physically present in the meeting room.

## Logging In

You can log in to the Spaces portal for room booking by using any of the browsers certified for the application. The portal can be accessed using `http:` or `host-name:domain-port` or `calendar`. You can log in using your enterprise login credentials.

To log in to the Spaces portal for room booking, perform the following steps:

---

**Step 1** Enter the URL in the address field of the web browser, and click **Enter**.

The login page appears.

**Step 2** Enter the username and password.

**Step 3** Click **Login**.

The home page appears with the My Booking tab selected by default.

After logging in, if you do not use the portal for a while, your browsing session will time out. In such a situation, you must re-log in to the portal.

---

## Logging Out

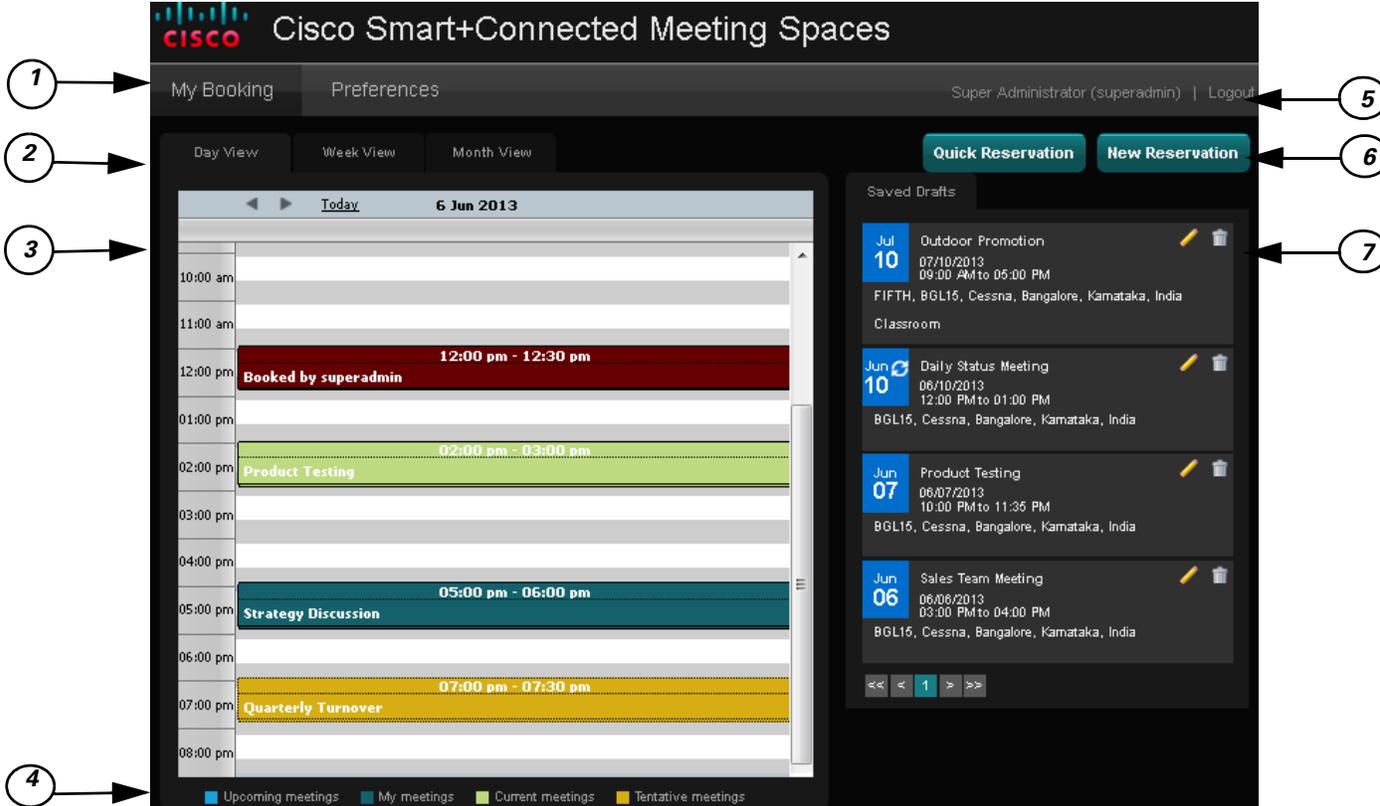
To log out of the portal, click the Logout option displayed in the top right corner of the page, next to your username.

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## Understanding the User Interface

Figure 2-1 shows the home page of the Spaces portal for room booking.

**Figure 2-1 Home Page of the Spaces Portal**



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Table 2-1 list the main areas of the home page.

**Table 2-1 Home Page**

Number	View Area	Description
1	Portal Tabs	Displays the two main tabs of the web portal that allow you to create conference or TP room reservations.
2	Calendar Tabs	Displays the tabs that you can click to change the calendar view.
3	Meeting Calendar	Displays all your meeting for the day, week, or month. Click any meeting in the calendar to edit, delete, accept, or decline it.
4	Meeting Legend	Displays the meaning of the different background colors for the meetings displayed in the calendar.
5	Username or Logout Option	Displays the username through which you have logged in to the portal and the option that you can click to log out of the portal.
6	Reservation Buttons	Displays the buttons that you can click to create a quick or detailed reservation.
7	Draft List	Displays the reservation drafts that you have saved. Edit or delete any draft by clicking the required icon.

## Portal Tabs

The Spaces portal for room booking has two main tabs:

- [My Booking, page 2-4](#)
- [Preferences, page 2-6](#)

## My Booking

The My Booking tab allows you to book meetings rooms, and view, search for, edit, and accept or decline meetings.

You can change the calendar view of your meetings as per your preference using the three sub-tabs: Day View, Week View, and Month View. The meeting legend is displayed below the calendar and lists the meeting status that each of the colors in the calendar signify. You can click any meeting invite in the calendar and accept, tentatively accept, decline, or delete it depending on the existing status of the meeting. For the meetings that you have organized, you can click the meeting instance in the calendar and choose the Detailed Edit or Delete option. For the recurring meetings that you organize, you have the option of editing and deleting the entire series of meetings or any single occurrence. The  icon displayed in the bottom right corner of a meeting instance indicates that it is a recurring meeting.



### Note

The background color of the recurrence icon depends of the status of the meeting instance. For more information, see the [“Meeting Legend” section on page 2-5](#).

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The Quick Reservation and New Reservation buttons allow you to book meeting rooms instantly or opt for a detailed booking process where you can avail yourself of the various features that enhance the entire meeting experience.

- [Day View, page 2-5](#)
- [Week View, page 2-5](#)
- [Month View, page 2-5](#)
- [Meeting Legend, page 2-5](#)
- [Quick Reservation, page 2-6](#)
- [New Reservation, page 2-6](#)
- [Saved Drafts, page 2-6](#)

### **Day View**

The meeting calendar appears with the Day View tab selected by default. The current date is displayed on the top along with the left and right navigation buttons. Click these buttons to view the meetings scheduled for the other dates. Click the Today link to go back to the current date view.

The 24 hour slots in the day are displayed as a row each. Only a certain number of hours are seen at a time. Use the vertical scroll bar to move the view up and down and see the remaining time slots and meetings. The meetings, if any, for the time slots appear with various background colors depending on the meeting status. The subject and duration of each meeting is displayed. For more information, see the “[Meeting Legend](#)” section on page 2-5.



#### **Note**

---

When the meeting calendar is in the day or week view, you can click and hold down the mouse key and drag across the time slots to book a meeting for the selected time period. Click Yes in the New Reservation dialog box that appears asking you to confirm if you want to initiate a booking. This opens the booking wizard.

---

### **Week View**

Click the Week View tab to view the meeting schedule for entire week. The days of the week appear as separate columns with the current date column selected. The 24 hour slots for each day appear as rows and the meetings, if any, are displayed for these slots. Use the left and right navigation buttons to view the calendar for other weeks. Clicking the Today link takes you back to the current week. Only a certain number of hours are seen at a time. Use the vertical scroll bar to move the view up and down and see the remaining time slots and meetings.

### **Month View**

The Month View has columns for the seven weekdays and lists all dates in the current month similar to a traditional calendar. The current date is highlighted. Use the left and right navigation buttons to view the calendar for the other months. Clicking the Today link takes you back to the current month. Click any meeting to accept, tentatively accept, decline, or delete it. Click any date to initiate a new booking for that day.

### **Meeting Legend**

The meeting legend can be found below the calendar view. It conveys the meaning of the different colors used for the meetings shown in the calendar.

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-  Meetings to which you have been invited but have not yet begun.
-  Meetings that you have organized and can edit or cancel.
-  Meetings currently going on which you are a part of.
-  Meetings that you are not sure about attending and have tentatively accepted.



### Note

Past meetings appear with a brown background.

## Quick Reservation

The Quick Reservation button is displayed in the top right corner. You can use this option to quickly book a conference room using a single screen interface. The process is simple and fast. It can come in handy when you want to book a room on a short notice and are hard pressed for time or when you simply want to book a meeting space without inviting any participants for the meeting. For more information, see the “[Creating a Quick Reservation](#)” section on page 2-6.

## New Reservation

The New Reservation option allows you book conference rooms, send invites to attendees, request a change in room setup, book equipment for the room, and provides several other features such as adding WebEx, and so on. For more information, see the “[Creating a New Reservation](#)” section on page 2-7.

## Saved Drafts

This pane lists the reservation drafts that you have saved as separate rows. Details such as the meeting date, meeting subject, duration, and venue, are shown. The edit  icon allows you to edit the draft. To discard the draft, click the delete  icon.

Only a certain number of drafts appear at a time and the remaining drafts are listed on subsequent pages. Click the page number and the arrow buttons displayed below the drafts list to view the other drafts.

## Preferences

The second main tab in the Smart+Connected Spaces web portal, the Preferences tab, allows you to specify your meeting preferences such as the time zone, your location, and favorite rooms. The application saves these details and customizes the settings to suit your requirements. For more information, see the “[Configuring Meeting Preferences](#)” section on page 2-18.

## Creating a Quick Reservation

Quick Reservation is a method that assists you in quickly booking the conference rooms for impromptu meetings. It can come handy when you simply want to book a meeting space without using any extra features.

To create a quick reservation, perform the following steps:

---

**Step 1** In the home page of the Spaces portal for room booking, click **Quick Reservation**.

The Quick Booking page appears. The current date is displayed on the top.

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- Step 2** From the Meeting Type drop-down list, choose an option depending on the purpose of the meeting. If you choose TelePresence, the application will find rooms that have the Cisco TelePresence feature and display them in the search results.
- Step 3** From the Duration drop-down list, choose the meeting duration. The available options are divided into 15 minute slots with 1 hour being the maximum duration that you can specify.
- Step 4** From the Location drop-down lists, choose the country, state, city, campus, and building where you want to book the room. (Optional) To further narrow the search, you can also choose the floor where you want to book the room. By default, the current location that you specify on the Preferences tab is displayed.
- Step 5** In the No. of Participants field, enter the number of meeting attendees.
- Step 6** Click **Search**.

The conference rooms that meet your criteria or closely match it are listed in the Resources pane with the following details:

- The room(s) you add as your favorite on the Preferences tab appears on the top of the list. A star icon is displayed next to the conference room name.
- A green icon is displayed before the name of rooms that meet your search criteria completely.
- An orange icon is displayed before the name of rooms that match closely with your search criteria but are not available for selection for the specified time.
- Miniature icons depicting the facilities available in the each room are also shown. For example, projector, signage, and so on.
- Seating capacity of each room is displayed next to the room name.

Only a certain number of results are displayed per view. Use the left and right navigation buttons to view the other available rooms.

The pane on the right shows the availability of each meeting room for all of the 24-hour slots in the day represented as a column each. The slots which are busy appear in blue. If the room is booked partially during any one-hour slot, the blue color appears only for that fraction of the slot indicating that the room is partially busy. The duration that you specify for your booking is highlighted for all rooms by a grey vertical bar. Only a certain number of slots are seen in the view and you can use the horizontal scroll bar to view the other time slots.

- Step 7** Click the radio button for the room(s) that you want to book. The button turns blue indicating that the room is selected.
- Step 8** Click **Book**.

You are taken to the home page where the new booking appears in the calendar view. A message appears at the top of the page informing you that the meeting reservation is completed successfully.

## **Creating a New Reservation**

The New Reservation feature in the Spaces portal for room booking helps you to not only search for and book available conference rooms but offers other features that enhance the overall meeting experience. It allows you to filter the room search results, book equipment and other supplies that you require during the meeting, request for arranging the room layout as desired, invite members of your organization and external participants for the meeting, save your searches and the booking drafts, and review your booking summary before confirming a booking.

The New Reservation process is a detailed procedure that involves the following screens:

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- [Reservation Details, page 2-8](#)
- [Rooms and Participants, page 2-10](#)
- [Services, page 2-12](#)
- [Summary, page 2-13](#)

### Reservation Details

Reservation Details is the first screen of the New Reservation wizard. To make a new booking and to specify the booking details, perform the following steps:

---

**Step 1** In the home page of the Spaces portal for room booking click **New Reservation**.  
The Reservation Details screen appears.

**Step 2** Enter the subject of the meeting in the Subject field.

This is the subject of the meeting invite sent to the participants over email. It is also displayed whenever the meeting appears in the calendar and as the subject of the saved draft.




---

**Note** All of the fields marked with the star symbol are mandatory. If you proceed to the next page without completing all of the required fields, you will get an error message. The fields that you are required to complete are highlighted in red.

---

**Step 3** From the Meeting Type drop-down list, choose the required option.

**Step 4** Enter the agenda of the meeting in the Meeting Agenda field.

The text that you enter here will be sent as the message body of the meeting invite email.

**Step 5** By default, the Date field is populated with the current date. To change the date, click inside the Date field. Choose a meeting date from the calendar that appears.

**Step 6** By default, the next half-hour slot is taken as the meeting duration. To change the duration, click inside the Starts at and Ends at fields.

The hour and minute selection dialog box appears for both these fields.

- Choose an hour slot from the AM or PM list in the Hour column.
- Choose any of the 5-minute intervals in the Minute column.
- Click **Done**.

When you choose a meeting start time that exceeds the end time, the end time field gets automatically updated to show a time that is an hour more than the start time.

**Step 7** Choose any or all of the following options by clicking the radio button for them:

- All day event (9 am to 5 pm)—For meetings that extend for the entire working day.
- Add WebEx Meeting—For hosting a meeting via WebEx.




---

**Note** Enter the password, which the attendees will use to log in to the WebEx meeting, in the WebEx password field if you choose this option.

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- **Recurrence**—For repeating the booking on a daily, weekly, or monthly basis. Recurring booking is useful when you need to organize a meeting with the same agenda, room setup, and attendees repeatedly. For example, daily status meetings or weekly team meetings.

Perform the following steps to make a recurring booking:

- a. From the Repeats drop-down list, choose **Daily**, **Weekly**, or **Monthly** based on the frequency of the meeting event.
  - b. If you opt for the Daily recurrence, choose any option ranging from 1 to 10 from the Repeats every drop-down list. Proceed to Step e.
  - c. (Alternatively) If you opt for the Weekly recurrence, choose any option ranging from 1 to 10 from the Repeats every drop-down list. For example, if you want the meeting to recur every alternate week, choose 2. You can also choose particular days of the week, all of the seven days, or only weekdays for the meeting to recur by clicking the radio button for any of these options. Proceed to Step e.
  - d. (Alternatively) If you opt for the Monthly recurrence, you can choose to repeat the meeting at any interval ranging from 1 to 12 months. To repeat the monthly booking on the selected date of the month, click the **day of the month** radio button and enter the date in the field that appears. To repeat the booking on a certain weekday of a particular week, click the **day of the week** radio button. From the first drop-down list, choose the week number and from the second drop-down list, choose the weekday.
  - e. Click inside the Starts On field. Select a date from the calendar that appears. This will be the start date of the meeting.
  - f. For specifying the end of the recurrence, enter the number of times that you want to repeat the meeting in the Ends After occurrence field. Alternatively, click the End By radio button and click inside the field. Click a date for ending the recurrence in the calendar that appears.
  - g. Click **Done**.
- **Confidential**—For hiding the subject of the meeting and the meeting organizer’s name on the signage or Cisco IP Phones whenever the schedule for the meeting room is displayed. The meeting will be displayed with the subject “Booked”.

To deselect the All day event, Add WebEx meeting, and Mark as Confidential options, click the selected radio button again. It will turn grey indicating that the option is deselected. To deselect the Recurrence option, click the radio button again and click Remove in the dialog that pops up.

**Step 8** Click the edit  icon for the Primary Location field. Choose the country, state, city, campus, building, and floor from the location drop-down list for each of these options. By default, the current location that you specify on the Preferences tab is displayed.

**Step 9** Enter the required seating capacity in the Room Size field.

**Step 10** (Optional) Click the edit  icon for the Secondary Location field. From the location drop-down list for each of these options, choose the country, state, city, campus, building, and floor. Click the  icon to add multiple secondary locations.

The Secondary Location details can be entered when attendees are expected to attend the meeting from different location or meeting rooms.

**Step 11** Click a room layout style image in the Room Setup area to have the room arranged as desired.

The setup and setup removal time and the minimum notice period is displayed for the chosen setup.

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**Note** Rooms, which can be arranged in the type of setup that you request, will be displayed in the search results. Ensure that the duration before the meeting starts is equal to or more than the minimum notice period. For example, if the current time is 11 am and the auditorium type of setup requires 2 hours, you should choose the meeting start time as 1 pm or any slot after that.

- Step 12** Click **Save and Proceed** to go to the Room and Attendees screen.
- Step 13** (Optional) Click **Save Draft** if you do not wish to book a conference room currently and want to use the information that you have specified at a later time. The draft can be retrieved from the Saved Drafts list that appears on the Reservation Details screen the next time that you make a new booking.
- Step 14** (Optional) Click **Cancel** if you want to cancel the booking process.  
Click **Yes** in the Confirm Cancel dialog box that opens. You are redirected to the home page.

## Rooms and Participants

Rooms and Participants is the second screen of the New Reservation wizard. It displays the list of available rooms that meet the criteria that you specified in the Reservation Details page. This screen also lets you add the participants for the meeting.

To add rooms and participants, perform the following steps:

- Step 1** The Resources pane on the left side of the Rooms and Attendees screen displays the search results for the location that you specified.
- The following details are displayed for the conference rooms:
- The room(s) that you add as your favorite on the Preferences tab appears on the top of the list. A star icon is displayed next to the conference room name.
  - A green icon is displayed before the name of rooms that meet your search criteria completely.
  - An orange icon is displayed before the name of rooms that match closely with your search criteria but are not available for selection for the specified time.
  - Miniature icons depicting the facilities available in the each room are also shown. For example, projector, signage, and so on.
  - The seating capacity of each room is displayed next to the room name.
- Only a certain number of rooms are listed per view. To see the other rooms (if any) or to go back to the initial list of rooms, click the left and right navigation buttons.
- The pane on the right shows the availability of each meeting room for the all of the 24-hour time slots in the day represented as a column each. The slots which are busy slots appear in blue. If the room is booked partially during any one-hour time slot, the blue color appears only for that fraction of the slot indicating that the room is partially busy. The duration that you specify for your booking is highlighted for all rooms by a grey vertical bar. Only a certain number of slots are seen in the view and you can use the horizontal scroll bar to view the other time slots.
- Step 2** (Optional) Click the left and right navigation buttons next to the meeting date displayed above the Resources pane to view the meeting rooms available on the other dates. Once you know which rooms are available for the other times and dates, you can change the meeting date or time by clicking the edit  icons next to the date and time displayed in the top of the page. For recurring meetings, you can

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edit only the time from this page. The edit date icon is unavailable for recurring meetings and what you see is the  icon indicating that it is a recurring meeting. After you change the date or time, click the Update Results link to get the search list updated based on the changed date and time.

For a more detailed edit and to change the date of a recurring meeting, click the Modify Search link provided in the top right side of the Rooms and Attendees screen. This takes you back to the Booking Details page, which is populated with all of the settings that you configured previously.

- Step 3** Click the radio button for any available room(s) to choose it. It will turn blue indicating that the room is selected. To deselect any of the selected rooms, click the selected radio button again. It will turn grey indicating that the room is deselected.

If you choose a room which is smaller than the room size that you specified in the Booking Details page, and click the Skip to Summary or the Save and Proceed button, you get a message informing you of this that asks you if you want to choose another room.




---

**Note** Choosing a room is not mandatory for booking a meeting. But if you want to proceed to the Services screen, choosing at least one room is mandatory.

---

- Step 4** Click the  icon to add the participants for the meeting. The Select Participants dialog box appears.
- Step 5** Enter the names of the attendees in the Required Participants field and Optional Participants field. You can choose any option from the list of names that appears when you type the first four alphabetic characters of a user's name. It displays the names of all of the users in the database whose name starts with the alphabetic characters that you entered. The names of the various users that you select are separated by semicolons.
- Step 6** Enter the email addresses of the people who are not a part of the company database, but that you want to invite for the meeting in the Visitors field.
- Step 7** Click **Done** to close the Select Participants dialog box and return to the Room and Participants screen. The names of the participants that you have chosen appear in the Resources pane along with their usernames. Your name is included by default in the Participants list as you are the organizer of the meeting. A green icon appears before their names if the users are available during the time that you have selected for the meeting. The red icon before an invitee's name indicates that the person is busy during the time of the meeting.
- Step 8** The right pane displays the availability or non-availability of each of the attendees, similar to the room availability pane mentioned in [Step 1](#).
- Step 9** Click the cancel  icon next to any name to remove the person from the Participants list.
- Step 10** (Optional) To filter your room search, do the following:
- a. Click the  icon in the Resources pane.
  - b. Enter the location for which you want to search the conference rooms in the Location Name field.
  - c. Click the icon(s) for the features that you want in the conference rooms. The icons that you select appear dimmed.
  - d. Click **Filter**.
- The search result shows the rooms that meet the additional requirements.
- Step 11** Once you have entered all of the details that you want in the Rooms and Participants screen, you can click any of the following buttons:

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- **Skip to Summary**—The new booking process ends and you are taken to the Summary screen where you can confirm the reservation.
  - **Save and Proceed**—This saves all of the settings and takes you to the Services screen where you can book resources for the conference room.
  - **Save Draft**—The settings chosen in this screen and the previous screen are saved and appear in the Saved Drafts list on the Reservation Details screen and in the home page. Drafts are saved with the same name as the meeting subject. You can select any draft from the drafts list and proceed further or edit it any time that you want.
  - **Back**—This takes you back to the Reservation Details screen where you can edit and modify the initial parameters based on which the Smart+Connected Spaces application searches for the conference rooms.
  - **Cancel**—This cancels the booking process and redirects you to the home page.
- 

## Services

This is the third screen of the New Reservation wizard. It is not a mandatory step in the booking process unless you want to book some additional things required for your meeting. This page does not appear if you click the Skip to Summary button after selecting the room and adding participants for the meeting.

To book resources for the meeting, perform the following steps:

- 
- Step 1** In the Resources pane, click the desired item.
- The equipment is added as a row to the table in the right pane which has the following columns:
- **Resource Name**—The name of the selected item.
  - **Notes**—Any additional requirements or specifications can be added here. For example, if you order a projector and need a special connecting cable for your laptop, you can mention it in this field.
  - **Location**—Enter the location for which you want the item to be supplied.
  - **Available Quantity**—The number of units of the item that are in stock and ready for use.
  - **Required Quantity**—Enter the number of the items that you want in this field. The number should not be more than the quantity available.
  - **Action**—Shows a cancel  icon that you can click to delete an individual item from the table. The entire row for the item is removed as a result of this action.
- Step 2** Repeat the procedure in [Step 1](#) for any additional resource(s) that you want. You can also choose an item already in the list if you want it for another location(s).
- Step 3** (Optional) To delete all of the resources from the list and start the selection afresh, click **Delete All**.
- Step 4** Once you have entered all of the details that you want in the Services page, you can click any of the following buttons:
- **Save and Proceed**—This saves all of the settings and takes you to the Summary screen.
  - **Back**—This takes you back to the Rooms and Participants screen where you can change the conference rooms selection and modify the attendee list.
  - **Cancel**—This cancels the booking process and redirects you to the home page.
-

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## Summary

This is the last screen of the New Reservation wizard. It appears when a user opts to finish the new booking process either from the Rooms and Participants screen or the Services screen. The Summary screen displays all of the meeting, room, equipment, and attendee details. Before the final confirmation screen is displayed, the entire booking summary is displayed. The booking takes place only after you verify the details from the summary and confirm.

To confirm the booking, perform the following steps:

- 
- Step 1** Verify that the following details displayed in the Summary screen are per your booking requirements:
- **Subject**—Helps the participants know the purpose of the meeting. The  icon appears if it is a WebEx meeting.
  - **Date**—The date of the meeting. For recurring meetings, the date of the first meeting followed by dates of the other occurrences is displayed.
  - **Time**—The start and the end time of the meeting.
  - **Organizer**—Your username is displayed.
  - **Mark as Confidential**—Shows Yes if you have chosen the Mark as Confidential option in the Reservation Details screen; otherwise the value shown is No.
  - **Meeting Type**—Whether the meeting is a normal, team, presentation, or Cisco TelePresence meeting.
  - **Room Setup**—The room setup type is shown if you have chosen to rearrange the room layout.
  - **Meeting Rooms**—The names of the meeting rooms along with the detailed location including the floor, building, campus, city, state, and country. The icons for the features available in the rooms are also shown. For example, A/V controls, Cisco TelePresence, and so on.
  - **Participants**—The names of the people that you have invited for the meeting.
  - **Resources**—The name of the items, the location for which they are ordered, the quantity that you require during the meeting, and the meeting notes.
- Step 2** Click **Confirm Reservation**.
- This takes you to the page that confirms that the booking is completed and the participants will be notified through email. It displays the entire summary again.
-  **Note** You also receive emails whenever the invitees accept, tentatively accept, or decline the meeting request that you send to them. For a telepresence meeting, a conference also get booked in the Cisco TelePresence Management Suite (TMS).
- 
- Step 3** Click **Home** to return to the home page.
-

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## New Reservation Use Case

User A is an entrepreneur who resides in Dallas, USA and the marketing team is based in New Delhi, India. The following example describes how User A and the team coordinate using the Spaces portal for room booking.

1. User A logs in to the Spaces portal for room booking and uses the New Reservation option to organize a meeting for discussing the India strategy with the team. For more information about the New Reservation process, see the [“Creating a New Reservation” section on page 2-7](#).
2. Because the team is overseas and a personalized and interactive approach is required, User A chooses the Cisco TelePresence type of meeting and specifies the pre-launch task outline and objectives in the Agenda field. User A adds the main points of discussion in the Meeting Notes. When the team gets the meeting invitation through email, the message body displays the plan outline, objectives, and points of discussion. The team members get a basic idea about the purpose of the meeting. For more information, see the [“Reservation Details” section on page 2-8](#).
3. To devise an effective plan and get regular inputs, User A schedules the meeting on Tuesday and Friday every two weeks for the critical 3-month period before the product launch using the Recurrence option.
4. The sales staff conducting the door-to-door surveys has already conveyed the inability to report to the main office every week. User A uses the Add WebEx meeting option. These team members can join the meeting using the link and password provided in the email invite.
5. Because the Cisco TelePresence facility is required for both the offices, User A enters the details of the Dallas campus in the Primary Location field and the details of the Bangalore campus in the Secondary Location field. If all of the members on the India team, including the field staff attend the meeting, the total strength would be 30. Therefore, User A specifies 30, as the room size for the secondary location.
6. User A chooses the room from the search results and adds the participants by choosing their names from the automatic suggestions based on the list of company employees. For inviting an external member of the board and a marketing strategy expert whose names are not included in the database, the entrepreneur enters their email addresses in the Visitors field. For more information about choosing rooms and inviting participants, see the [“Rooms and Participants” section on page 2-10](#).
7. The global sales head pops into the entrepreneur’s office and suggests aggressive planning and very regular discussions. User A clicks Modify Search. This redirects to the Booking Details page and the entrepreneur changes the frequency of the meeting to every one week.
8. User A then proceeds to book the laptop chargers and optical mice that the team may require during the meeting. This is delivered to the meeting room that is booked for India. For more information about booking resources, see the [“Services” section on page 2-12](#).
9. After verifying all of the meeting details from the summary, User A confirms the booking. Invites are sent to all of the participants by email. User A is notified through email whenever any of the participants accept, tentatively accept, or decline the invite. For more information about the meeting summary, see the [“Summary” section on page 2-13](#).
10. The marketing head in India, User B, wants to invite a few additional stakeholders for the first meeting. User B logs in to the Smart+Connected Spaces web portal, clicks the first meeting instance in the calendar and chooses the Edit Series option. User B adds another meeting room and a few more participants. For more information on editing meetings, see the [“Editing Meeting Details” section on page 2-16](#).
11. The corporate communication manager, User C, leaves for India to close the deals with the media agencies there. User C goes to the Preferences page in the portal and changes the time zone to GMT+5.30. This ensures that the calendar is in sync with the local time, that is, all of the meeting

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invites are displayed in India time. For more information on changing your preferences, see the “[Configuring Meeting Preferences](#)” section on page 2-18.

12. Once the initial meetings are conducted, work is assigned to all of the team members. A marketing executive, User D, realizes that all-day meetings are scheduled every Tuesday and Friday to supervise the market research activities and the executive would have to skip the meetings. User D logs in to the portal, clicks the meeting instance, and then clicks Decline. User A receives emails about the invite being declined and is therefore informed that User D would not attend the meetings. For more information on viewing meetings and accepting or declining meetings, see the “[Viewing Meetings](#)” section on page 2-15 and “[Accepting or Declining Meetings](#)” section on page 2-17.

## Viewing Meetings

You can view all of your meetings using the calendar in the home page of the Spaces portal for room booking. For more information, see the “[Day View](#)” section on page 2-5, “[Week View](#)” section on page 2-5, and “[Month View](#)” section on page 2-5.

The saved drafts are listed in the right side of the home page. For more information, see the “[Saved Drafts](#)” section on page 2-6.



### Note

You can also view all of the meetings that you are a part of in your Microsoft Outlook calendar as the Smart+Connected Spaces meetings are synchronized with the Microsoft Exchange. You can accept, decline, join, edit, and delete the meetings from your mail client.

## Setup or Setup Removal and Services Requests

If you are the facilities administrator, you will automatically get room setup and or or setup removal requests as email invites based on the time set by the Smart+Connected Spaces portal administrator. These service requests are similar to the other meeting invites and appear in the calendar when you log in to the Spaces portal for room booking. For the resource requests that the other portal users place while they book meetings, you receive emails similar to meeting invites informing you about the item and quantity required, and the time and place where the item is required.

## Using Saved Drafts

During the process of booking a meeting, you can save the details that you have entered and use them to organize a meeting at a later time. The Save Draft option is available in the Booking Details, Rooms and Attendees, and Services screens. The changes that you make in any of these pages and the pages before them are saved as drafts. Once you organize a meeting using a draft, the draft is removed from the list of drafts.

To use a saved draft, perform the following steps:

- Step 1** In the home page of Spaces portal for room booking, locate The Saved Drafts list displayed in the right corner.

The list of saved drafts shows the most recently saved drafts on top followed by the previous ones. Only a certain number of drafts are shown per view. Click any of the page numbers to view the other drafts. To scroll through the drafts page list, click the following buttons:

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-  Scroll the page list to the next page.
-  Scroll the page list to the last page.
-  Scroll the page list to the previous page.
-  Scroll the page list to the first page.




---

**Note** You can also use a saved draft from the list displayed in the Reservation Details screen.

---

- Step 2** Click the edit  icon for the draft that you want to use.  
The Reservation Details screen appears populated with all of the details that you entered earlier.

- Step 3** Make the required changes in the Booking Details screen. Click **Save and Proceed**.  
The Rooms and Attendees screen appears.




---

**Note** Instead of clicking Save and Proceed, you can click Save Draft in the Reservation Details or the Rooms and Participants screen. This replaces the existing draft with the current version, which you can use later.

---

- Step 4** Make the required changes or provide the additional details in the Rooms and Attendees screen. Click **Save and Proceed**.

The Services screen appears.

- Step 5** Enter the required details in the Services screen. Click **Save and Proceed**.

The booking summary appears.

- Step 6** Click **Confirm Booking**.

The Summary screen appears. You are informed that the booking is done. The draft is removed from the lists of drafts.

---

## Editing Meeting Details

You can edit the meetings, which you have organized, from the meetings displayed in the calendar view in the home page. The invitees get an email informing them that the meeting has been edited. This email contains all of the updated details.

To edit a meeting, perform the following steps:

- 
- Step 1** On the home page of the Spaces portal for room booking, click the meeting that you want to edit in the calendar.

The Edit Meeting dialog box appears.

- Step 2** Click **Detailed Edit**. For recurring meetings, click **Edit Occurrence** to edit the single instance of the meeting, that is, the one that you have clicked. Click **Edit Series** to make changes that apply to all the meetings instances.

The Reservation Details screen opens.

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- Step 3** Make the required changes in the Reservation Details, Rooms and Participants, and or or the Services screen and proceed to the Summary page. **Click Confirm Reservation.**
- 

## Accepting or Declining Meetings

You can accept, tentatively accept, or decline any meeting that you have received using the calendar view in the Smart+Connected Spaces user portal home page.

To accept or decline a meeting, perform the following steps:

- Step 1** In the Spaces portal for room booking home page, click the required meeting instance in the calendar view.
- The Meeting Details dialog box appears.
- Step 2** Review the meeting details, and click **Accept**, **Decline**, or **Tentative** based on your decision to attend the meeting.
- Clicking the Decline button removes the meeting from your calendar view. You can decline tentative or accepted meetings anytime later if you want. Alternatively, you can accept a meeting that you had marked earlier as tentative.
-  **Note** For recurring meetings, the Accept or Decline or Tentative option will apply to the entire series and not just the occurrence that you clicked in the calendar.
- Step 3** (Alternatively) If you do not want to make any of the choices mentioned in [Step 2](#), click **Done** or click the cancel  icon in the top right corner to close the Meeting Details dialog box.
- 

## Deleting Meetings

You can delete the meetings that you have organized from the calendar in the home page. The invitees get an email informing them that the meeting is canceled. The schedule of the room that you booked for the meeting is updated and the room is made available for booking again.

To delete a meeting, perform the following steps:

- Step 1** In the Spaces portal for room booking home page, click the meeting that you want to delete in the calendar.
- The Meeting Details dialog box appears.
- Step 2** Click **Delete**. For recurring meetings, click **Delete Occurrence** to delete the single instance of the meeting, that is, the one that you have clicked. Click **Delete Series** to delete all of the recurrences. The deleted meeting(s) is removed from the calendar.
-

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## Configuring Meeting Preferences

You can configure settings such as your preferred rooms, time zone, and location using the Preferences tab. This is the main tab in the portal along with the My Booking tab.

To configure your meeting settings, perform the following tasks:

- 
- Step 1** In the Spaces portal for room booking home page, click the Preferences tab.  
The My Preference page appears.
- Step 2** From the Time Zone drop-down list, choose your preferred time zone.  
All the meetings in the calendar view in the home page are displayed in your preferred time zone. The schedule of meeting rooms and participants while booking are also displayed in the preferred time zone. The meeting invites are visible to attendees based on the time zone that they choose.
- Step 3** From the Locale drop-down list, choose the required option.  
This determines the date format displayed to you in portal.
- Step 4** Perform the following steps in the Location area:
- Click the edit  icon.  
A dialog appears.
  - From the first drop-down list in the dialog box, choose the country. From the second drop-down list, choose the state.
  - Click **Done**.  
The chosen country and state are listed next to the Country and State text fields.
  - Choose the city from the first drop-down list in the Location area.  
Another drop-down list appears.
  - Choose the campus from the second drop-down list. Repeat the procedure to choose the building, and floor from the drop-down lists that appear.  
The locations that you choose here will be automatically populated every time you try to create a booking using the New Reservation wizard or the Quick Reservation option.
- Step 5** Perform the following steps in the Favorite Rooms area:
- Repeat the procedure mentioned in [Step 4](#) to choose the country, state, campus, building, floor, and meeting room from the drop-down lists.
  - Click **Add room as Favorite**.  
The room appears in the Favorite Rooms area.
  - (Optional) Click the cancel  icon for any of the rooms, which appear in the Favorite Rooms area, to remove them from the list.
- The rooms that you add as favorites appear with a star icon in the room search results and are displayed on the top of the list.
- Step 6** Click **Save**.
-

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## Using Signage

- [Viewing Meeting Space Availability, page 2-19](#)
- [Features Available in Signage, page 2-24](#)
- [Booking the Conference or TP Rooms Using Signage, page 2-25](#)

## Viewing Meeting Space Availability

To book a conference or TP room, you first need to check the availability of the rooms. You can do this by viewing the display on the Smart+Connected Spaces solution-enabled signage. The three types of views on the signage are as follows:

- **Building View**—Displays the schedule for all of the conference or TP rooms in the building categorized at the floor level.
- **Floor Level View**—Displays the plan for the current floor with the location of the conference or TP rooms, the availability status, and the schedule. For touchscreen signage, you can book a room on the current floor or navigate to the other floors and book any room located there.
- **Conference Room View**—The conference room schedule is displayed on the signage as well as the room panels. A room panel is a small tablet-like device with an LCD screen, which is placed outside a conference or TP room. It is a touch-based interface that allows you to book or release the room and start meetings.
  - **Signage**—Displays the schedule of the primary conference or TP room and the other rooms associated to the signage. For touchscreen signage, you can use the signage to check the available meeting slots and book the room for those slots.
  - **Room Panel**—Displays the schedule of the conference or TP room outside of the room where it is placed. The room type, capacity, and features available are also shown. You can use the room panel to book and release the room.

The view on the signage is displayed for a specific preset duration of time, after which the other content added to the signage, if any, appears in a sequence.

- [Building View, page 2-19](#)
- [Floor Level View, page 2-20](#)
- [Conference Room View, page 2-23](#)

## Building View

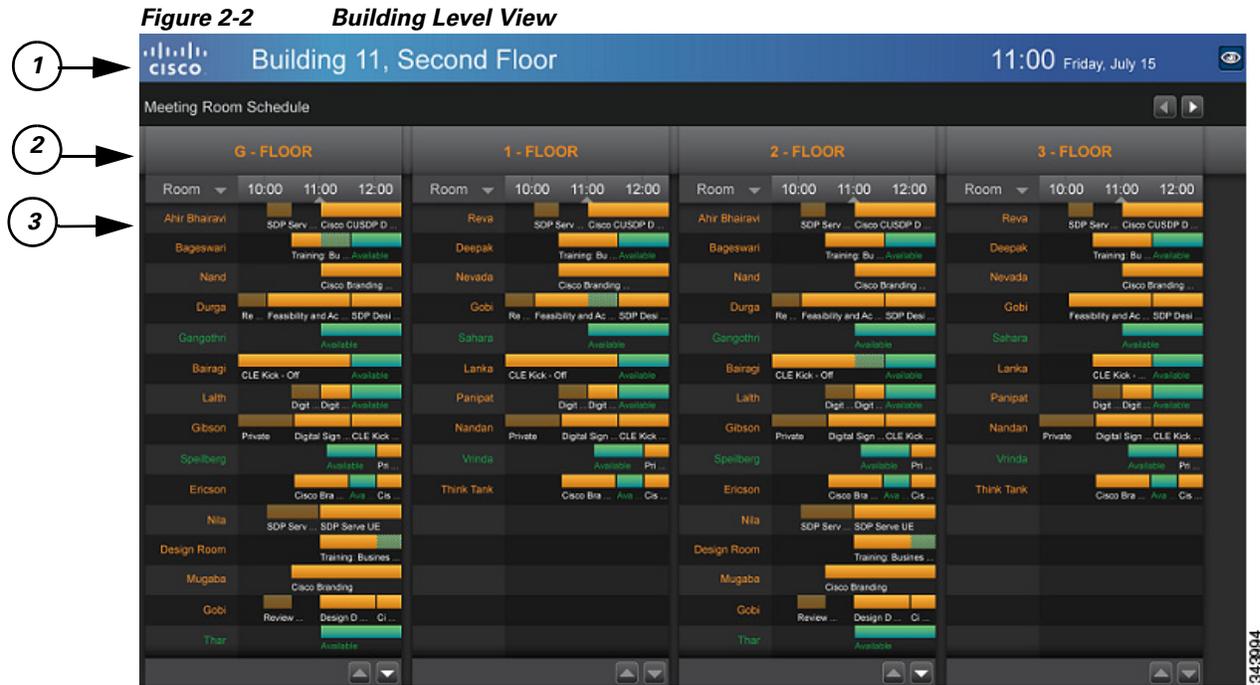
The building view displays the following information:

- **Location, Time, and Date**—These details are shown as the header on the signage screen. The location includes the building and floor name. The time and date are also displayed.
- **Floors**—The floors in the building are displayed as columns with the conference rooms on each floor listed as rows below the floor name. If there are several floors in the building, the screen displays a certain number of floors, and then the view changes to the next few floors. For touchscreen signage, you can also use the left and right arrow buttons to navigate to the required floor.
- **Meeting Room Schedule**—The schedule is available for three hours for all of the conference rooms on each of the floors. The rooms are listed in alphabetical order. The available rooms and time slots are shown in green and the unavailable rooms and time slots are shown in orange. If the number of

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rooms is more than what can be shown in the initial view, the remaining rooms will be shown in the next flip. For touchscreen signage, you can also use the up and down arrow buttons to navigate to the required conference room.

Figure 2-2 shows the building view displayed on the signage.



## Understanding the Building View

Table 2-2 lists the main areas of the building view.

**Table 2-2 Building View**

Number	View Area	Description
1	Location, Time, and Date	The name of the building and the floor where the signage is placed along with the current time and date.
2	Floors	The floors in the building are displayed as separate columns that contain rows listing the various conference rooms.
3	Meeting Room Schedule	The availability or non-availability of conference rooms is shown for hourly time slots.

## Floor Level View

The floor level view displays the following information:

- Location, Time, Date, and Logo—These details are shown as the header on the signage screen. The location includes the building and floor name. The time, date, and the Spaces logo are also displayed.

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- **Floor Plan**—A map of the floor that appears in the top left corner, and occupies more than 75% of the signage display area. The conference room or Cisco TelePresence room names appear per the location on the floor map, and are indicated with a red dot to show a reserved status and a green dot to show an available status. There is a user location indicator titled “You Are Here”.
- **Schedule**—The meeting details for each conference room or Cisco TelePresence room on the floor are shown in the top right corner of the display. The schedule can list the details of 10 conference rooms at a time. If there are more than 10 rooms on the floor, the display cycles through the rooms every few seconds. The rooms are listed in alphabetical order, and the room details are available for three hours. The icons for the available rooms are shown in green, the icons for the unavailable rooms are shown in maroon, and the icons for the rooms that will be available soon are shown in yellow. There are scrolling bars for the different booking slots for each room. These bars also appear in green, maroon, and yellow indicating the meeting room status. Rose colored bars appear for the past time slots for concluded meetings. For touchscreen signage, you can select any of the available conference rooms, and make a booking for the required time slot by tapping it.



---

**Note** You can book any room plotted in the floor plan, if it is available, by tapping it. The Booking Details pop-up dialog box opens.

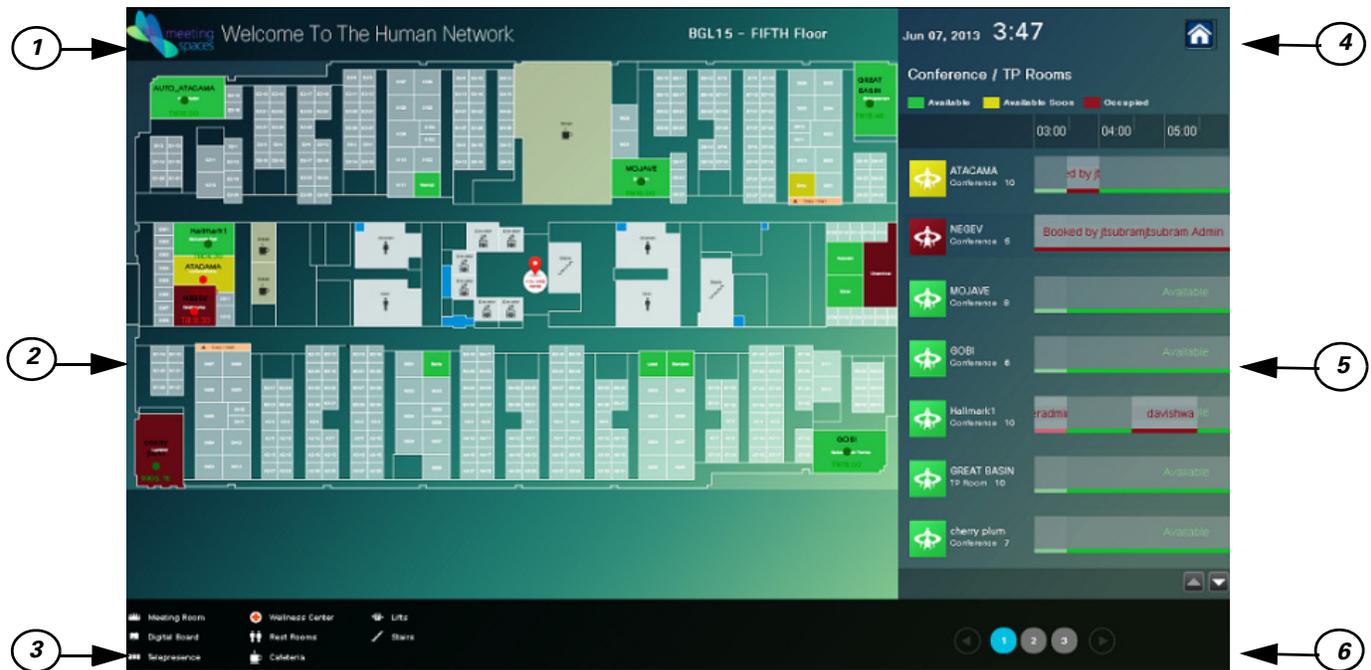
---

- **Legend**—The legend is located in the bottom-left corner of the display. It displays the icons that are used in the floor plan. For example, Meeting Room.
- **Floor Navigation**—The floor navigation buttons appear in the right side of the footer section. There are numbered buttons for each floor in the building and only three buttons are displayed at a time. The left and right arrow buttons allow you to scroll to the numbered buttons for the other floors. The button for the floor for which the plan is currently displayed is highlighted. For touchscreen signage, you can tap any of the buttons and navigate to all of the floors in the building where the signage is located.
- **News Content**—At the bottom of the signage screen, there is a section for the news content that is associated to the location. The title of the news item is displayed.
- **Home Icon**—For touchscreen signage, you can click the home icon and select any of the other content that you want to view.

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Figure 2-3 shows the floor view displayed on the signage.

**Figure 2-3 Floor Level View**



## Understanding the Floor View

Table 2-3 lists the main areas of the floor view.

**Table 2-3 Floor View**

Number	View Area	Description
1	Location, Time, Date, and Logo	The name of the building and the floor where the signage is placed along with the current time and date. The Meeting Spaces logo is also shown.
2	Floor Plan	The floor layout with the schedule data of the conference rooms superimposed. The green dots indicate that the room is available and red dots indicate that the room is currently booked.
3	Legend	The interpretation of the symbols used on the floor plan.
4	Home Icon	The icon used to change the view, if any other content is added for the signage device.
5	Meeting Room Schedule	The availability or non-availability of conference rooms on the floor is shown for hourly time slots.
6	Floor Navigation	The arrow and numbered buttons that you can use to view the plans for the other floors in the building.

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## Conference Room View

The conference room view displayed on the signage provides the following information:

- **Date & Time**—These details are shown as a header on the signage screen.
- **Occupancy Status & Temperature**—The status and temperature of the conference room is displayed in the top right corner of the view. The word “Occupied” appears next to the name of the conference room along with time slot of the booking, if the room is occupied. The subject of the meeting, room temperature, and information about whether the air conditioner is on or off is also displayed.
- **Primary Room Schedule(s)**—The detailed schedules of the one or two primary conference rooms with which the signage is associated are displayed as separate columns for each room. The schedule is displayed as a rolling 9-hour window, which is constantly updated to show the latest room schedule. The room name is displayed as the column header followed by rows depicting the room availability. The available and unavailable time slots are displayed in different colors. For booked slots, the subject of the meeting is also displayed. For touchscreen signage, you can book any of the primary room(s).



---

**Note**

If a conference room has been booked using the mail client, the subject of the meeting and the attendee list is displayed on the signage. These details are not displayed if the administrator enables the ‘Hide Subject’ and ‘Hide Attendees’ options for the conference room. When the ‘Hide Subject’ option is enabled, the subject of the meeting is displayed in the format “Booked by <name of the meeting organizer>”.

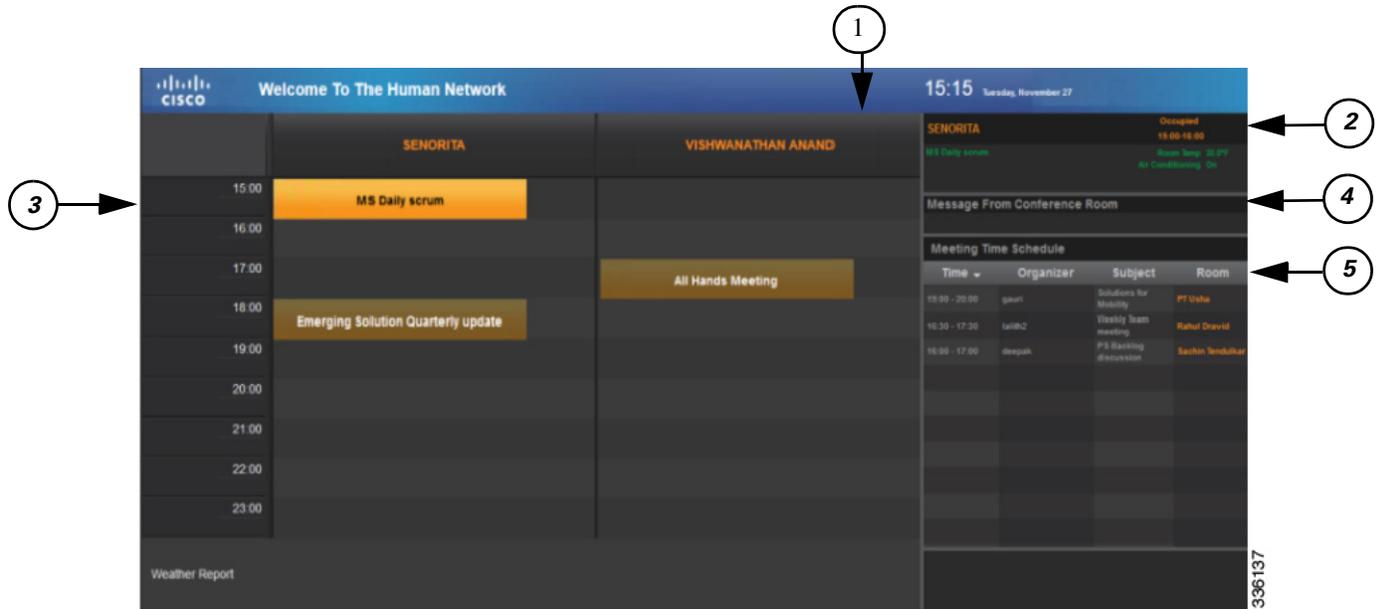
---

- **Conference Room Message**—All the messages that are sent to the signage using the Cisco IP Phones in the conference rooms with which the signage is associated (primary conference rooms) are shown in the right side of the view. News content appears at the bottom of the display.
- **Meeting Time Schedule**—The schedule of other rooms in the zone where the signage is located is shown at the right side of the display. The names of the rooms are displayed in chronological meetings order. The available and unavailable rooms and slots are displayed in different colors. The meeting subject is also shown for each booked slot. For touchscreen signage, you can click the up and down arrow buttons to navigate to the desired conference room in case there are several rooms.

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Figure 2-4 shows the conference room view displayed on the signage.

**Figure 2-4** Conference Room View on the Signage



### Understanding the Conference Room View on the Signage

Table 2-4 lists the main areas of the conference room view.

**Table 2-4** Conference Room View on the Signage

Number	View Area	Description
1	Date & Time	The current date and time are displayed in the top right corner.
2	Occupancy Status & Temperature	Details such as whether the room is occupied or unoccupied. Also displayed is the temperature of the primary conference room and whether the air conditioner is on or off.
3	Primary Room(s) Schedule	The hourly schedule of the primary room(s) associated to the signage.
4	Conference Room Message	The message sent to the signage using a Cisco IP Phone in a conference room.
5	Meeting Time Schedule	The details of meetings to be held in the conference rooms associated with the signage, such as time, organizer, subject, and room name.

## Features Available in Signage

Some of the signage within a premise can be without the touchscreen. Although you cannot use them to book the conference rooms, you can view the room availability as the display is similar to that on the touchscreen signage.

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Table 2-5 lists the features that are available or can be accessed using the touchscreen signage and non touchscreen signage.

**Table 2-5 Features Available in Signage**

Features	Touchscreen Signage	Non-Touchscreen Signage
Floor and Building Name	Not shown in Conference Room View	Not shown in Conference Room View
Date & Time	✓	✓
Temperature at Location	Shown only in Conference Room View	Shown only in Conference Room View
Conference Room Name	Shown only in Conference Room View	Shown only in Conference Room View
Conference Room Message	Shown only in Conference Room View	Shown only in Conference Room View
Meeting Room Schedule	✓	✓
News Content (Shown as a footer)	Not shown in Building View	Not shown in Building View
Floor View Navigation	Not available in Conference Room View	✗
Room List Scrolling	✓	✗
Booking Rooms	Not available in Building View	✗

✓ Available

✗ Not Available

## Booking the Conference or TP Rooms Using Signage

You are allowed to book a conference or TP room up to three hours in advance.

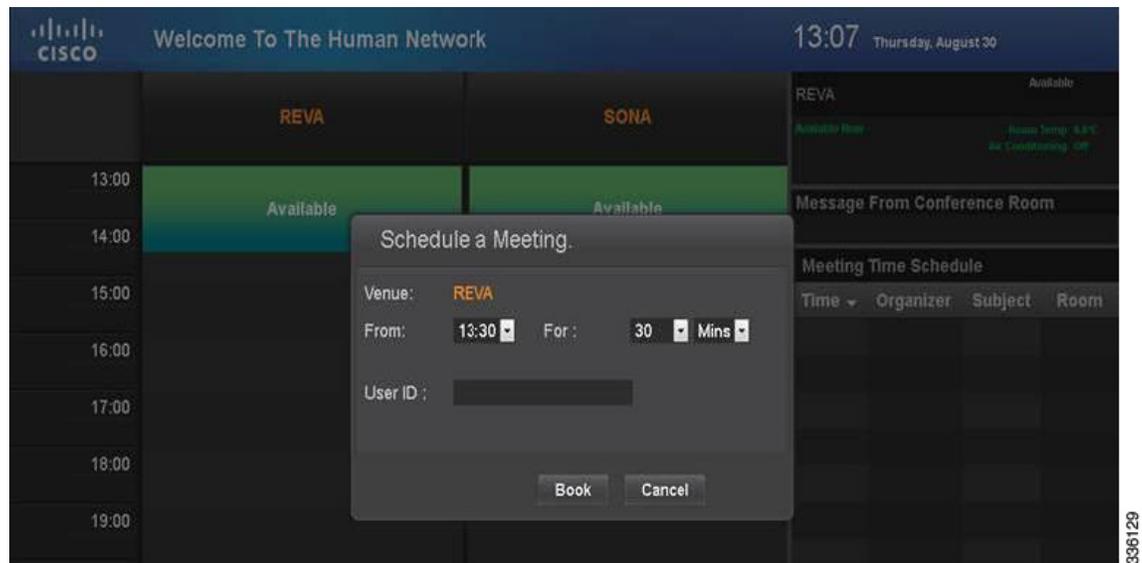
To book a conference or TP room using the touchscreen signage, perform the following steps:

- 
- Step 1** Tap the time slot for which you want to book the conference or TP room from the schedule that is displayed on the signage.
- The Schedule a Meeting dialog box appears. The start time of the booking is automatically displayed in the From drop-down list depending on the slot that you have selected. You can change the time by choosing another option from the drop-down list.

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Figure 2-5 shows how to book a room using the signage.

**Figure 2-5 Booking Room Using Signage**



- Step 2** Choose the duration for which you want to book the room from the first For drop-down list. Choose the Minutes option from the second For drop-down list. The time of the next meeting is displayed below the drop-down list, so that you can avoid selecting a time slot that clashes with it.
- Step 3** Enter your User ID with the help of the virtual keyboard that is displayed on the screen, and tap **Accept**. User ID is the ID that uniquely identifies a user in the corporate directory (LDAP).
- Step 4** Tap **Book** to book the conference room or tap **Cancel** to close the dialog box.

If you tap **Book**, a dialog box appears informing you that the meeting schedule request has been received, and that you need to check your email to confirm the booking status.

A meeting is scheduled in Microsoft Exchange for the conference room, and an automatic acceptance mail is sent to you from the conference room stating that your meeting request has been accepted. The status of the conference room and the meeting details for the room are updated when the signage page is refreshed. The subject of the meeting will be displayed as: “Booked by <your name>”.

## Using Kiosks

You can use the Smart+Connected Spaces kiosk interface to perform the following tasks:

- Book conference rooms or TP rooms.
- Check into any available workspace or office.
- View the availability and check-in status of your Cisco Jabber contacts.
- View the route to locate a person, workspace, office, or conference or TP room on a floor.
- View the overall conference or TP room, workspace, and office availability on all of the floors of all of the buildings in the organization and book or check into any of these spaces.
- View the neighborhoods or zones on a floor.

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- View the building, floor, and name of the workspace or office that you have checked into.
- Access the floor plans for any building in the enterprise to view the locations and availability of the conference room or TP rooms, workspaces, and offices.
- Search for the available conference rooms and TP rooms and workspaces and offices based on your requirements such as the features available, seating capacity, location, time, and so on and book them.
- Search for the people within the enterprise.



---

**Note** You can also perform all of these tasks by using the web portal.

---

- Reset the PIN by using the Forgot PIN option. The new PIN will be sent to your email ID and get updated in the kiosk web portal.

The Smart+Connected Spaces kiosk web portal has an interface and functionality similar to the Smart+Connected Spaces kiosks. To access the portal, you need to log in using your employee ID or user ID, as configured by the administrator. The login password is your active directory or LDAP password.

The portal allows you to book conference or TP rooms, check into workspaces, use the search and filtering features, and so on, in a manner similar to the kiosks. In addition to these features, the following options are available in the kiosk web portal:

- Check-in Location—The building, floor, and name of the workspace or office you have checked into.
- Locate button—Loads the plan for the floor where you have checked in and displays the dialog box that indicates your location on the floor plan. The dialog box also provides information about you.
- PIN button—Displays the field which shows your current kiosk PIN and also allows you to change the PIN. For more information, see the [“Changing the Kiosk PIN” section on page 2-40](#).
- Do not publish my location option—This option is available only if it is configured by the administrator. If you choose not to publish your details, the workspace you check into is shown as occupied but your details are not displayed. Also, your location is not shown:
  - When someone searches for you
  - In the Recent Activities list
  - In the People list
- Check-out button—Allows you to check out, at any point in time, from the workspace that you are checked into.
- Log Out—Allows you to log out of the kiosk web portal.



---

**Note** You can access these options from the drop-down list that appears when you click the arrow button located in the top right corner of the page, next to your name. Additionally, the check-in or check-out buttons are also available when you click a workspace on the floor plan.

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- [Understanding the Kiosk Interface, page 2-28](#)
- [Viewing Recent Activities, page 2-31](#)
- [Booking Conference or TP Rooms, page 2-32](#)
- [Searching for Facilities, page 2-34](#)
- [Searching for People, page 2-35](#)

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- Searching for Conference or TP Rooms, page 2-36
- Viewing Your Cisco Jabber Contacts, page 2-36
- Viewing the Details of the People on a Floor, page 2-38
- Viewing Neighborhoods, page 2-39
- Viewing the Building Summary, page 2-39
- Changing the Kiosk PIN, page 2-40
- Resetting the Kiosk PIN, page 2-40

## Understanding the Kiosk Interface

Figure 2-6 shows the interface displayed on the kiosk.

**Figure 2-6** Kiosk Interface



**Table 2-6** Elements of the Kiosk Interface

Number	View Area	Description
1	Location	Location of the kiosk or the location that you have searched for or navigated to.
2	Day, Date, and Time	Current day, date, and time displayed in the top right corner of the kiosk.

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**Table 2-6** *Elements of the Kiosk Interface (continued)*

Number	View Area	Description
3	Floor Plan	Miniature representation of the various spaces and facilities on the selected floor. Available and unavailable workspaces are highlighted in different colors.
4	Summary	Floorwise list of all of the conference or TP rooms and workspaces in the building and the overall availability status of these spaces.
5	Floor Navigation Controls	Tap these to navigate to the required floor view.
6	View Controls	Used to adjust or restore the default zoom level of the floor plan and alternate between the default and accessibility mode.
7	Function Tabs	Allows you to work with the different functions available on the kiosk by displaying the respective tab details.
8	Tab Details	Displays the interface for the selected tab in the right pane next to the floor plan.

The kiosk interface displays the following information:

- **Location**—By default, the interface displays the name of the building and the floor where the kiosk is placed, as a header. This is the location for which the floor plan and other details are displayed unless changed. When you navigate to another building or floor using the floor plan view or the search feature, the location title gets updated accordingly.
- **Day, Date, and Time**—The day of the week and the current date and time at the location where the kiosk is placed are displayed in the top right corner of the kiosk interface.
- **Floor Plan**—All of the available workspaces, conference or TP rooms, and other facilities on the floor are displayed as a map or a graphical representation. This element takes up a major part of the kiosk screen. All of the available workspaces appear in green, while the unavailable workspaces appear in red. Tapping on a workspace opens a dialog box which shows the workspace name or ID, availability status and icon, and the check-in option if the workspace is available. For occupied workspaces, details of the person who has occupied it are displayed.



**Note**

The conference rooms on the floor are not highlighted and appear in grey on the floor plan that is shown by default, with the Recent Activities tab selected. Use the Conference or TP Rooms tab to view the details of these rooms and book them.

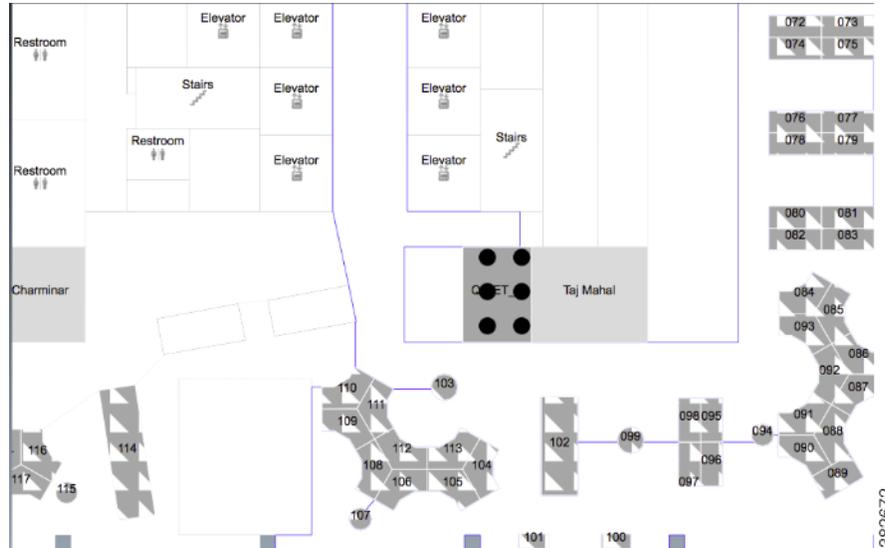
- **Summary**—Tap this button to view the building summary. The building summary displays the following details:
  - Table depicting each floor in the building as a row and the conference or TP room and workspace availability status as columns. The number of available, not reservable, checked in, and booked conference or TP rooms, workspaces, and offices on every floor are listed and represented by different colors. Tap any resource number provided for any floor to load the floor plan with that resource highlighted.
  - Legend defining what the colors indicate is provided below the table. The date and time (along with the timezone) at which the Summary was last updated are also provided.

To return to the floor plan view, tap the Close button.

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- **Floor Navigation Controls**—Below the floor plan, controls are provided to navigate to the different floors in a building. Tap these controls to view the plan for a particular floor. Once the changed floor plan is displayed, you can perform the required tasks by using any of the function tabs and book a conference or TP room or check into a workspace on that floor.
- **View Controls**—The Access tab changes the default floor plan to a view where the different areas of the map are represented by patterns. This makes the floor plan view more accessible to users that might find it difficult while differentiating between colors. [Figure 2-7](#) shows how a floor plan appears in the accessibility mode.

**Figure 2-7 Floor Plan (Accessibility View)**



The Default tab restores the default view where the various areas on the map are represented in different colors. The Zoom In and Zoom Out buttons allow you to adjust the magnification level of the floor plan. Tap restore to resize the floor plan to the default display size on the kiosk. The Refresh button updates the floor plan and changes the kiosk view to display the default function tab, that is, the Recent Activities tab. This tab is refreshed to show the updated data.

- **Function Tabs**—These tabs allow you to perform various tasks using the kiosk. When you tap a tab, the pane above the tab area displays the details for it and provides a filtering option.



**Note** The filtering option is available for all of the tabs except Search.

- **Recent Activities**—Selected by default, it lists the people who have checked in and checked out on the floor during the last two hours.
- **Workspaces**—Highlights the available workspaces in the floor plan and lists the available, occupied, and available soon workspaces.
- **Offices**—Highlights the available office spaces in the floor plan and lists the available, occupied, and available soon office spaces.



**Note** For more information on managing workspaces and offices, see [Chapter 3, “Flexible Working by Using Personalized Spaces”](#).

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- Conference or TP Rooms—Highlights the available conference and TP rooms in the floor plan and lists the available and occupied rooms.
- My Contacts—Allows you to view the physical location and virtual presence of your Cisco Jabber contacts who have checked in on a floor.
- People—Lists all of the people who have checked in on the current floor.
- Neighborhoods—Lists the different neighborhoods or zones of a floor. The workspaces in each zone are displayed in a different color in the floor plan.
- News—Displays the latest news and top headlines that are relevant to the geographical region the user is located in. You can tap a headline listed to read the entire article, while remaining within the application.
- Search—Allows you to search for buildings, people, workspaces, and conference or TP rooms anywhere in the enterprise.
- Tab Details—The interface for the selected function tab is displayed above the tab area. This area lists the information related to the tab and allows you to perform the tasks for the tab.

## Viewing Recent Activities

By default, the Recent Activities tab is displayed on the kiosk. This tab is also displayed whenever you tap Refresh. This tab displays all of the check in and check out data for the past two hours. This data is specific to the building where the kiosk is located.

To view the recent activities in the building, perform the following tasks:

---

### Step 1 Tap the **Recent Activities** tab.

The tab details area shows the following details:

- Legend—Shows the icons that represent the checked in and checked out status of employees.
- List of Employees—Lists the employees who have checked in or out on any floor in the building within the last two hours. The details of the most recently checked in or checked out employees appear on top. The name of the employee, the floor name, workspace or office name, and the check in or out time is displayed.

### Step 2 Tap and drag the list to scroll it and tap any name to load the floor plan. A dialog box appears indicating the employee's location in the floor plan that displays the following details:

- Workspace or office ID.
- The  icon and the status 'Occupied', if the employee has checked in. This indicates that the workspace or office is unavailable and cannot be booked. If the employee has checked out, a  icon and the status 'Available' appear. This indicates that the workspace is available and can be booked. If the workspace or office reservation is about to end soon (within a time span of an hour or less), the  icon and the status 'Available Soon' appear. This indicates that the workspace or office will be available shortly and can be booked soon.
- Photograph of the employee (if available), employee name and ID, designation, and the team to which the employee belongs.




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**Note** If no image is available for an employee(s), a generic icon is shown.

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**Note** Employee details are displayed only for those employees who are currently checked into a workspace or office. No details are shown in the dialog box for employees that have checked out.

- The following buttons are also available:
  - The  icon—Opens the chat window that you can use to communicate with the employee.
  - Route—Displays a dotted line from the elevator lobby to the employee’s location.
  - Close—Allows you to close the dialog box.



**Note** The Check-in or Check-out button is also available if you are viewing your own details.

## Filtering the Recent Activities List

You can filter the Recent Activities list by entering a few alphabetic characters of the employee(s) name. To filter the list, perform the following steps:

- 
- Step 1** Tap inside the Enter Keyword to Filter field and enter a few alphabetic characters of the employee’s name using the onscreen keyboard. This field is provided below the Recent Activities list in the tab details area. The list gets filtered to display the check in or out details of the employees whose names contain the alphabetic characters that you specified.
- Step 2** Tap any name in the filtered list. The floor plan is loaded with a dialog box that indicates the employee’s location on the floor and provides the employee’s details.
- 

## Booking Conference or TP Rooms

You can book any available conference or TP room for a required time slot for the current day or any other day.

To book a conference or TP room, perform the following steps:

- 
- Step 1** Navigate to the floor where you want to book the conference or TP room and tap the **Conference or TP Rooms** tab. (Alternatively) To book a conference or TP room in another building, navigate to the building using the Search tab and then tap the **Conference or TP Rooms** tab to book the required room. For more details, see the “[Searching for Facilities](#)” section on page 2-34.
- The rooms on the floor are highlighted and appear in different colors that indicate the status:
- Available (green)
  - Occupied (red)
  - Available Soon (yellow)

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- Not Reservable (grey)




---

**Note** If you are viewing in the accessibility mode, that is, you have clicked the Access tab, the rooms are represented by a patterned background.

---




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**Note** The conference and the TP rooms are each represented by a different icon that indicates the room type. These icons appear in the room list and the dialog box that appears when you click the room name on the floor plan.

---

**Step 2** Tap and drag the list to scroll it and tap any room that is in the available, occupied, or available soon status. (Alternatively, tap a room in the floor plan.)

A dialog box appears on the floor plan indicating where the conference or TP room is located. It displays the room name, availability status, and seating capacity. The Book, Route, and Close buttons are also displayed.

**Step 3** Tap **Book** in the dialog box.

The three-screen booking wizard opens. The Time Info screen is the wizard first screen. It displays the following:

- Room type (conference or TP)
- Room name
- Current availability status
- Seating capacity
- Icons for the equipment in the room (if any) such as the projector, board, and so on.
- Date picker that shows the current date and opens the calendar.
- Time Table that displays the room schedule for the day as a horizontal bar divided into one-hour slots. Names of the employees who have booked the room for these slots are also displayed.
- Book and Close buttons

**Step 4** To specify a time for the booking, perform the following steps:

a. Tap the date picker.

A calendar appears.

b. Tap the left and right arrows on the calendar to change the month and tap the required date. (Optional) Tap **Today** to pick the current date.

c. Tap the  icon to return to the Time Info screen. (Alternatively) Tap anywhere outside the calendar to close it.

The date picker displays the selected date.

**Step 5** Tap any available slot(s) in the Time Table to select it. To unselect a chosen slot, tap it again.

**Step 6** Tap **Book**.

The User Info screen appears. It displays the conference room name, the building and floor it is located on, the User ID field, and the date and time for the booking. A message is displayed asking you to provide your credentials.

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- Step 7** Enter your employee ID or user ID (as enabled by the administrator for your authentication while using kiosks) and your kiosk PIN in the dialog that appears, using the onscreen keyboard. (Optional) You can swipe your badge.



**Note** Either the badge swipe or the kiosk PIN option is available depending on what is configured by your administrator.

- Step 8** Tap inside the User ID field and enter the data using the onscreen keyboard that appears.
- Step 9** Tap **Book**.  
The Complete screen appears informing you that booking is successful.
- Step 10** Tap **Close**.  
The kiosk view is refreshed and the Recent Activities tab is selected. You receive a booking confirmation mail in Outlook.
- Step 11** (Optional) Tap **Close** on the Time Info and User Info screens to exit the wizard without booking a room.

## **Filtering by Keyword**

You can filter the conference or TP rooms list by entering a few alphabetic characters of the conference or TP room name.

To filter the list, perform the following steps:

- Step 1** Tap inside the Enter Keyword to Filter field and enter a few alphabetic characters of the conference or TP room name using the onscreen keyboard. This field is provided below the Conference or TP Room list in the tab details area.  
You will get the list of conference room names, which contain the alphabetic characters that you specified in the selected building.
- Step 2** Tap any name in the filtered list to view the conference or TP room location in the floor plan.

## **Searching for Facilities**

You can search for any building in the organization, load the floor maps for it, and view the building summary using the facilities search feature.

To search for facilities, perform the following steps:

- Step 1** Tap the **Search** tab.  
The tab details area displays the Facilities, People, Workspaces, and Conference or Telepresence Rooms search panes.
- Step 2** In the Facilities pane, tap inside the Building field.  
A drop-down list of all of the buildings in the organization appears. Tap the up and down arrows to scroll through the list.

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- Step 3** Tap the name of the building that you want to search for.  
The floor drop-down list appears after you select the building.
- Step 4** (Optional) Tap the  icon to remove the selection and reopen the list. Tap the name of another building in the list.
- Step 5** Tap the floor for which you want to view the details and then tap **Load Map**.  
The plan for the selected floor is displayed with all of the workspaces on the highlighted floor. The Recent Activities tab is selected by default.
- Step 6** (Optional) Tap **Building Summary** to view the workspace and conference or TP room availability details for the building. Tap **Close** to return to the floor plan view.
- Step 7** (Optional) Tap any of the function tabs depending on the task that you want to perform.
- Step 8** (Optional) Tap the  icon to return to the floor plan view for the default location (where the kiosk is located).
- 

## Searching for People

To search for the people in any location of the organization, perform the following steps:

- Step 1** Tap the **Search** tab.  
The tab details area displays the Facilities, People, Workspaces, and Conference or TelePresence Rooms search panes.
- Step 2** In the People pane, tap inside the Search for field and enter the employee name using the onscreen keyboard that appears. (Optional) Tap the  icon to remove the name and re-enter another name.
- Step 3** Tap **Search**.  
The floor plan view is replaced by the list of person(s) with the name that you searched for. Details such as the photograph (if available), check-in status icon (green for checked in and grey for not checked in), designation, and location are displayed.
-  **Note** The people search is independent of the location selected in the Facilities pane. On the contrary, the location in the Facilities pane changes to the employee's location if you view the plan for the floor where the person is.
- 
- Step 4** (Optional) Tap **Close** in the list view if you do not want to view further details.
- Step 5** Tap the location detail provided for the employee in the list.  
The plan for the floor where the person is located is displayed, with a dialog box showing the exact location. The dialog box displays details such as the photograph (if available), check-in status icon, designation, and team to which the employee belongs.
- Step 6** Tap **Cancel** in the dialog box to close it.
- Step 7** (Optional) Tap any of the function tabs if you want to perform other tasks for the location where the employee is located. For example, check into a workspace or office close to where the person is seated.

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(Alternatively) Tap the  icon to change the kiosk view to display the details of the default location (where the kiosk is located).

## Searching for Conference or TP Rooms

To search for conference or TP rooms, perform the following steps:

- 
- Step 1** Tap the **Search** tab.
- The tab details area displays the Facilities, People, Workspaces, and Conference or Telepresence Rooms search panes.
- Step 2** In the Facilities pane, tap inside the Building field and choose a building. This is required because the conference or TP room is searched for only in the selected building.
- Step 3** In the Conference or Telepresence Rooms pane, tap inside the Name field. Enter the name of the room that you want to search for using the onscreen keyboard that appears. (Optional) Tap the  icon to remove the name and re-enter another name. Tap **Search**.
- The search results appear in place of the floor plan and display the room icon, availability status icon, room name and type, floor where it is located, locate icon, seating capacity, features (if any), and the Book button.
- Step 4** (Alternatively) Instead of searching for a conference or TP room by name, you can search for rooms using any or all of the following options:
- **Features**—Tap the Projector, Audio, Screen, and or or Telepresence button depending on the features that you want in the room.
  - **Seats**—Tap the **Any** button and choose the number of seats that you want in the room.
  - **Available On**—Tap this button to choose a date for the booking.
  - **From**—Tap this button to choose the booking start time.
  - **Till**—Tap this button to choose the booking end time.
- Tap **Search**. The search results display the rooms that meet the search conditions. If no room matches the search criteria, a message is displayed informing you that no results are found.
- Step 5** Tap the locate  icon for any room in the search result list.
- The floor plan appears with a dialog box showing the exact location and the details of the conference or TP room. All other rooms on the floor are also highlighted in different colors indicating the availability status. Tap **Book** in the dialog box to open the booking wizard. For more information, see the [“Booking Conference or TP Rooms”](#) section on page 2-32.
- Step 6** (Alternatively) Tap the **Book** button in the result view to directly book the room.
- Step 7** (Optional) Tap **Close** in the list view if you do not want to view further details or book a room.
- 

## Viewing Your Cisco Jabber Contacts

To view the availability and the check in status or the fixed location of your Cisco Jabber contacts on a particular floor, perform the following steps:

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- Step 1** Navigate to the floor for which you want to view the Cisco Jabber contacts and tap the **My Contacts** tab.
- Step 2** Enter your employee ID or user ID (as enabled by the administrator for checking in using kiosks) and your kiosk PIN in the dialog that appears, using the onscreen keyboard. (Optional) You can swipe your badge.



**Note** Either the badge swipe or the kiosk PIN option is available depending on what is configured by your administrator. This user authentication is required every time that you want to access the list of your Cisco Jabber Contacts using a kiosk.

The tab details area displays the list of your Cisco Jabber contacts who have checked in to the selected floor and the contacts who have been assigned fixed locations (non-reservable locations that are assigned to a particular user) on that particular floor. It displays the following details:

- Photograph of the employee—Shown if available. If no image is available for an employee, a generic icon is shown.
- Employee name and user ID—The name and user ID of your Cisco Jabber contact.
- Check-in status icon—A  icon representing that the employee has checked in. A  icon is shown for the fixed location users.
- Cisco Jabber status and icon—Show whether the employee is available, busy (Do Not Disturb), unavailable, or away.



**Note** If none of your Cisco Jabber contacts have checked in to the floor, a message appears informing you of this.

- Step 3** (Optional) Tap and drag the list to scroll it and tap any name.

A dialog box appears indicating the employee's location in the floor plan that displays the following details:

- Workspace or Office ID.
- The  icon and the status 'Occupied'. This indicates that the workspace is unavailable and cannot be booked. The  icon and the status 'Not Reservable' for fixed location users. The  icon and the status 'Available Soon' appears if the workspace booking is about to end.
- Employee photograph (if available), employee name and user ID, designation, and the checked in  or fixed  status icon. These details are displayed only for the reservable workspaces or offices.
- The  icon.
- Route button.
- Close button.

## Filtering the Cisco Jabber Contacts List

You can filter the Cisco Jabber Contacts list by entering a few alphabetic characters of the employee(s) name.

To filter the list, perform the following steps:

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- 
- Step 1** Tap inside the Enter Keyword to Filter field and enter a few alphabetic characters of the employee's name using the onscreen keyboard. This field is provided below the My Contacts list in the tab details area. The list gets filtered to display the details of the employees whose names contain the alphabetic characters that you specified.
- Step 2** Tap any name in the filtered list. The floor plan is loaded with a dialog box that indicates the employee's location on the floor and provides the employee's details.
- 

## Viewing the Details of the People on a Floor

To view the details of the people occupying a floor, perform the following steps:

- 
- Step 1** Navigate to the floor for which you want to view the people and tap the **People** tab. All of the workspaces and offices in the floor plan are dimmed and the name and miniature images of the employees (if available) are overlaid on the workspace or office that they occupy. The tab details area lists the total number of checked in and fixed desk employees. Details such as the photograph (if available), status icon, name and employee ID, and location are also shown.
- Step 2** Tap and drag the list to scroll it and tap the name of any employee in the list. A dialog box appears in the floor plan indicating the workspace or office that the employee occupies. It displays the following details:
- The status 'Occupied' or 'Available Soon' along with the status icons indicating non-availability of the workspace or office.
  - Employee details such as the photograph (if available), availability icon, name and employee ID, designation, and the team to which the employee belongs.
  - The  icon—Opens the chat window that you can use to communicate with the employee.
  - Route—Displays a dotted line from the elevator lobby to the employee's location.
  - Close—Closes the dialog box.
- Step 3** (Optional) Tap **Zoom In** to magnify the floor plan and view the name and images of the employees who occupy the workspaces or offices on the floor.
- 

## Filtering the List of People

You can filter the People list by entering a few alphabetic characters of the employee's name.

To filter the list, perform the following steps:

- 
- Step 1** Tap inside the Enter Keyword to Filter field and enter a few alphabetic characters of the person's name using the onscreen keyboard. This field is provided below the People list in the tab details area. The list is filtered to display the names which contain the alphabetic characters that you specified.

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**Step 2** Tap any name in the filtered list to view the location of the person in the floor plan.

---

## Viewing Neighborhoods

Neighborhoods are regions of a floor that are occupied by a specific team or business unit. All of the workspaces and offices occupied by a certain team are highlighted in a particular color in the floor plan.

To view neighborhoods, perform the following steps:

- 
- Step 1** Navigate to the floor for which you want to view the neighborhoods and tap the **Neighborhoods** tab. The floor plan highlights the workspaces and offices occupied by different teams in the colors that represent them. The tab details area lists the various teams occupying the floor, the number of workspaces and offices allocated to each team, and the colors that represent each team.
- Step 2** By default, the Select All tab is selected in the tab details area and all of the neighborhoods are highlighted in the floor plan. To view only a few neighborhoods, tap **Select None** and then tap the neighborhoods that you want to view. Only these neighborhoods are highlighted in the floor plan.
- Step 3** Tap any workspace or office to open the dialog box which displays the name of the team that occupies it. Tap **Close** in the dialog box or tap anywhere outside it to close the dialog box.
- Step 4** (Optional) Tap **Zoom In** to magnify the floor plan and view the location name or ID for the workspaces and offices occupied by the teams.
- 

## Filtering the Neighborhoods List

You can filter the Neighborhoods list by entering a few alphabetic characters of the team name.

To filter the list, perform the following steps:

- 
- Step 1** Tap inside the Enter Keyword to Filter field and enter a few alphabetic characters of the team name using the onscreen keyboard. This field is provided below the Neighborhoods list in the tab details area. The list gets filtered to display the neighborhoods which contain the alphabetic characters that you specified and the number of workspaces and offices assigned to each of the filtered neighborhoods. The filtering will not affect the floor plan view where all of the neighborhoods are highlighted by default.
- Step 2** Tap **Select None**. All the workspaces and offices are dimmed. Now, tap any neighborhood(s) in the filtered list.

This highlights only the workspaces and offices assigned to the particular group in the floor plan.

---

## Viewing the Building Summary

The building summary lists the details of the building and the nature of resources available in it. The details include the number of conference or TP rooms, workspaces, and offices on each floor and the occupancy or availability, and reservation status of these spaces. These numbers are hyperlinks that you can tap to view the map of the floor with the resources highlighted.

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To view the building summary, perform the following steps:

- 
- Step 1** Tap the **Summary** button below the floor plan that is currently displayed on the kiosk. The floor plan view changes to the building summary view. For more information on the building summary, see the “[Understanding the Kiosk Interface](#)” section on page 2-28.



**Note** If you chose a building using the Search tab, you can tap the Building Summary button to view the summary for the building. Alternatively, after you specify a floor in the building and load the map for it, you can tap the Summary button that is displayed below the floor plan.

---

- Step 2** View the number of conference or TP rooms, workspaces, offices on every floor and the availability status. Click conference or TP rooms, workspaces, or offices number for any floor to view the floor plan with that resource highlighted. (Alternatively) Tap **Close** to return to the floor plan view.
- 

## Changing the Kiosk PIN

You can change your kiosk PIN or view the PIN if you have forgotten it by logging in to the kiosk web portal.

The kiosk PIN is used to authenticate your user ID for the following purposes:

- Checking into a workspace or office
- Booking a room
- Viewing your Cisco Jabber contacts list

To change your kiosk PIN, perform the following steps:

- 
- Step 1** Log in to the kiosk web portal.
- Step 2** Click the arrow button located in the top right corner of the page, next to your name. A drop-down list appears.
- Step 3** Choose **PIN**. The PIN field (that displays your current PIN) and the Update button are displayed.
- Step 4** Enter the new PIN and then click **Update**. The new PIN is saved and activated.
- 

## Resetting the Kiosk PIN

If you forget the kiosk PIN, you can reset it by pressing the Forgot PIN option that is displayed below the PIN field whenever you need to provide your authentication to check in, book a room, or access your Cisco Jabber contacts. The PIN is automatically reset and sent to your email ID. The new PIN is also displayed in the PIN field in the kiosk web portal.

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## Using Room Panels

You can use room panels to view the conference or TP room schedule, availability or occupancy status, confirm room occupancy, and book and release the rooms.

- [Room Panel Interface, page 2-41](#)
- [Booking Rooms Using the Room Panel, page 2-44](#)
- [Releasing Conference or TP Rooms Using the Room Panels, page 2-44](#)
- [Automatic Room Release, page 2-45](#)

## Room Panel Interface

The conference room view displayed on the room panel provides the following information:

- **Logo**—The Meeting Spaces logo is displayed on the top left corner of the room panel screen.
- **Day, Date, and Time**—The current day, date, and time are displayed prominently on the room panel screen.
- **Room Details**—An icon is shown below the time indicating whether the room is a conference room or a TP room. The name of the room, the words “Conference Room” or “Telepresence Room”, and the seating capacity of the room are displayed next to the room type icon.
- **Room Features**—Icons representing the features that are available in the room, such as A/V controls, digital signage messaging, and so on, are provided below the room details.
- **Day and Date**—The current date and day of the week are displayed at the top right corner of the screen.
- **Room Schedule**—The schedule of the conference or TP room, outside where the room panel is placed, is displayed on the right side of the screen. The schedule is a rolling-hour window, which is constantly updated to show the latest room schedule. The time slots for which the room is booked are displayed in a background that is a few shades lighter than the screen background color. The name of the person who has booked the room for each of these slots is also displayed when a room is booked using the room panel, IP phone, or mobile phone. If the room is currently available, the screen has a green  background. If the room cannot be booked currently, the screen background is deep red .



---

**Note** The time slots are not enabled when a meeting is scheduled in the next 15 to 30 minutes.

---

- **Room Status**—One of the following is displayed on the conference or TP room panel:
  - **Available**—No meeting is scheduled or going on for the current time slot. The screen has a green background.



---

**Note** Just because a conference or TP room is currently available, it does not mean that you can book it. The Book Now button is shown only if the room is available for the next half-hour slot. For example, you see that the room is free at 9:45 am, but the booking button is not displayed. This is because the room is booked from 10 to 10:30 am. As there is no booking after 10:30 am, the Book Now button will be shown only after 10:30 am.

---

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- Meeting in progress—The room is unavailable as a meeting is in progress. The screen has a deep red background and the Release Room button is displayed.
- Booked—The room is unavailable as a meeting is scheduled for the time slot. The screen has a brown background and the Start Meeting button is displayed.
- Room released—The room is not occupied and is released before the booking time ends. The screen has a brown background and no task button is displayed. The status changes to Available and the screen background turns green after the screen is refreshed. This means that the room is free and is available for use. If the room is available for the next half-hour slot, the Book Now button is also displayed.
- Task Button—One of the following buttons is displayed on the conference or TP room panel:
  - Book Now—Displayed only if the room is available for the next 15 minutes.




---

**Note** The Book Now button does not appear when a meeting is scheduled in the next 15 to 30 minutes.

---

- Start Meeting—Displayed for the first ‘x’ minutes for each room booking, where, ‘x’ is the time interval configured by the administrator for the automatic release of the room due to non-occupancy. If the button is not tapped during this time period, the room is automatically released and the energy saving settings are applied to the devices in the room. When you tap the Start Meeting button, a message appears on the top of the screen informing you that the meeting has successfully started.




---

**Note** The Start Meeting button is displayed on a brown screen background indicating the unavailability of the conference or TP room.

---

- Release Room—Displayed after the Start Meeting button is tapped and appears till the booking end time. Tap this to manually release the room before the booking end time. When you tap the Release Room button, a message appears on the top of the screen informing you that the meeting room is successfully released.




---

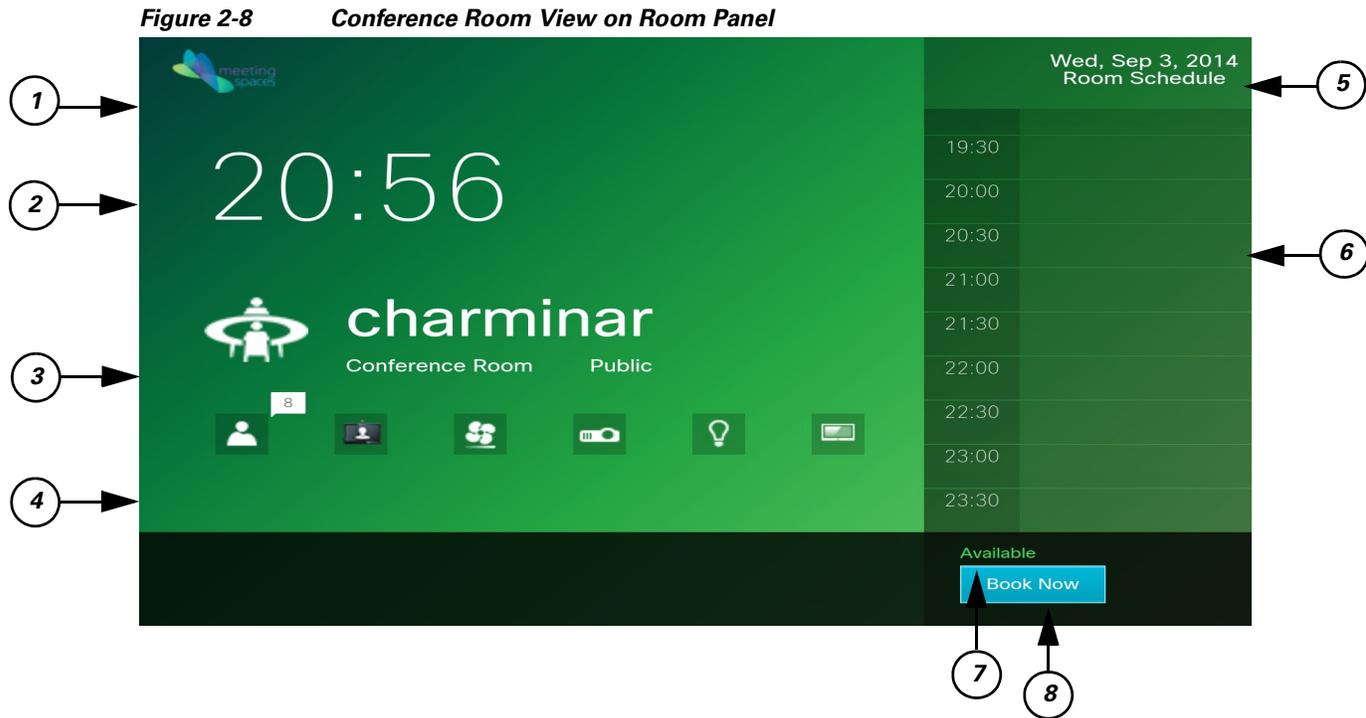
**Note** If the room is released automatically or manually, the screen turns green after it is refreshed indicating the availability of the conference room. The status is displayed as Available. If the room is available for the next half-hour slot, the Book Now button is also displayed. For more information, see the [“Releasing Conference or TP Rooms Using the Room Panels” section on page 2-44](#).

---

- Extend Meeting—Displayed only when a meeting is in progress and appears after the ‘x’ minutes of the meeting start time, where, ‘x’ is the time interval configured by the administrator. Tap this to extend a conference or TP room. When a room is successfully extended, a message appears on the top of the screen informing you that the extend room is initiated. For more information, see the [“Extending Meetings Using the Room Panels” section on page 2-45](#)

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Figure 2-8 shows the conference room view displayed on the room panel.



## Understanding the Conference Room View on the Room Panel

Table 2-7 lists the main areas of the conference room view.

**Table 2-7 Conference Room View on Room Panel**

Number	View Area	Description
1	Logo	Meeting Spaces logo.
2	Day, Date, and Time	Current day, date, and time at the location where the room panel is mounted.
3	Room Details	Name and capacity of the room, and the room type icon and room type name.
4	Room Features	Icons depicting the features that are available in the room.
5	Day and date	Current day and date displayed on the top right corner.
6	Room Schedule	Hourly schedule of the room and the names of the organizers for the meetings are held in the room.

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**Table 2-7** Conference Room View on Room Panel (continued)

Number	View Area	Description
7	Room Status	Status could be Available, Booked, Meeting in Progress, or Room released.
8	Task Button	Book Now, Start Meeting, Extend Meeting, or Release Room button is displayed depending on whether the room is currently available or booked or occupied.

## Booking Rooms Using the Room Panel

To book a conference or TP room using a room panel, perform the following steps:

- 
- Step 1** Tap **Book Now**.
- A dialog box appears displaying all of the half-hour time slots that are available before the next booking for the room.
- Step 2** (Optional) Only a certain number of half-hour time slots are displayed per view. Tap the left and right arrow buttons to scroll through the time slots.
- Step 3** Tap the required time slot, and then tap **Continue**.
- A dialog box appears displaying the Username and User PIN fields.
- Step 4** Enter your user ID in the Username field and the PIN associated with it in the User PIN field by using the onscreen keyboard.
- Step 5** Tap **Submit**.
- A message appears at the top of the screen informing you that your request is being processed. The room panel interface is refreshed to display the updated schedule. Your name is displayed for the booked time slot in the room schedule that appears on the room panel.
- Step 6** Alternatively, tap the  icon in any of the two dialog boxes to return to the main room panel screen without booking the room.
- 

## Releasing Conference or TP Rooms Using the Room Panels

To release a conference or TP room using a room panel, tap the **Release Room** button. This button is available only when a meeting is started using the room panel, that is, after you tap the Start Meeting button. The button is available until the meeting time lapses. When you tap the Release Room button, the room status changes from 'Meeting in progress' to 'Room Released'. The room can be used by other employees in the enterprise. Releasing a room results in energy savings, as the devices in the room are reverted to non-occupancy settings.

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## Automatic Room Release

When no occupancy is detected in a conference or TP room, or when the attendees fail to tap the Start Meeting button within ‘x’ minutes after the meeting start time, the conference or TP room is automatically released. Where, ‘x’ is the automatic room release interval configured by the administrator. The message “Room Released” is displayed on the room panel screen, and the room can be used by other employees in the enterprise.

## Extending Meetings Using the Room Panels

You can extend a meeting by using the Extend Meeting button. This button is available after ‘x’ minutes of the meeting start time, and until the meeting time lapses, where, ‘x’ is the time interval configured by the administrator.

To extend a meeting using a room panel, perform the following steps:

- 
- Step 1** Tap **Extend Meeting**.
- A Extend Room Name until dialog box appears.
- Step 2** Tap the required time slot, and then tap **Submit**.
- The “Extend meeting has been initiated” message appears on the top of the screen.
- 

## Installing and Using the Smart Spaces Outlook Plug-in

The Smart Spaces Outlook plug-in is used for scheduling a meeting and reserving resources, such as conference rooms with A/V Control, Digital Signage, TelePresence, and WebEx for face-to-face or online meetings. The conference room list is filtered to display the rooms that match your search criteria, and you can reserve the rooms as required from the room list. You can also view the organizer, attendee, and room availability status in the right pane under the Resources tab.

- [Installing the Smart Spaces Outlook Plug-in, page 2-46](#)
- [Scheduling and Sending a Meeting Request, page 2-47](#)
- [Updating a Meeting, page 2-48](#)
- [Responding to a Meeting Request, page 2-48](#)
- [Proposing a New Time, page 2-49](#)
- [Canceling a Meeting, page 2-49](#)
- [Setting Preferred Meeting Location, page 2-51](#)
- [Configuring the VMR Number and the Space Server IP Address, page 2-51](#)

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## Installing the Smart Spaces Outlook Plug-in

To install the Smart Spaces Outlook plug-in, perform the following steps:

---

**Step 1** Double-click the Smart Spaces Outlook plug-in MSI file.

The Smart Spaces Outlook Plug-in Welcome screen appears.



**Note** For MS Outlook 2010, use SSOutlookPlugin\_2k10\_x86 MSI file and for MS Outlook 2007, use SSOutlookPlugin\_2k7\_x86 MSI file.

---

**Step 2** Click **Next**.

**Step 3** The License Agreement screen appears.

**Step 4** Click the **I accept the terms in the license agreement** radio button, and click **Next**.

The Ready to Install the Program screen appears.

**Step 5** Click **Only for me**, and then click **Install**.

Once the installation is complete, the Installation Complete dialog box appears informing you that the application is successfully installed.

**Step 6** Click **Finish**.

**Step 7** Open MS Outlook.

The Microsoft Office Customization Installer dialog box appears.

**Step 8** Click **Install**.

**Step 9** Exit **MS Outlook**, and then re-open **MS Outlook**.

**Step 10** On the **File** menu, point to **New**, and then click **Meeting Request** or **Appointment**, OR expand **New** in the upper left corner of the window, and then click **Meeting Request**.

The installation is successful when you see the Smart Spaces icon on the Meeting tab, in the Show group.

---

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## Scheduling and Sending a Meeting Request

To schedule and send a meeting request, perform the following steps:

- 
- Step 1** On the File menu, point to **New**, and then click **Meeting Request** or **Appointment**, OR expand **New** in the upper left corner of the window, and then click **Meeting Request**.  
Alternatively, press **CTRL+SHIFT+Q** to create a new meeting request or **CTRL+SHIFT+A** to create an appointment.
- Step 2** On the **Meeting** tab, in the **Show** group, click **Smart Spaces**.
- Step 3** Click the **To...** button to choose the attendees from the Global Address List.
- Step 4** To invite attendees, type the first alphabet character of a person's first name in the Search: text box at the top left corner of the Global Address List window. A list of people in your enterprise who match the search criteria appears.
- Step 5** Choose the person name from the list, and then click the **Required ->** or the **Optional ->** button, as required.
- Step 6** Repeat **Step 4** to **Step 5** to invite multiple people to the meeting.
- Step 7** When you have all of the people added, click **OK**, and you return to the Meeting window.  
Alternatively, In the To... text box, type in the attendee's name just like you would do for an email message.
- Step 8** In the Subject text box, type a description of the meeting.
- Step 9** In the Location text box, type a letter of the building to choose a desired building.
- Step 10** In the **Start time** and **End time** lists, choose the date and start and end time for the meeting. If this is an all day event, select the **All day event** check box.



**Note**

---

An all day event is a full 24 hour event lasting from midnight to midnight, and the start and end time will be disabled for an all day event.

---

- Step 11** In the Message text box, type any information that you want to share with the recipients.
- Step 12** Click the attach icon to attach any files.
- Step 13** Choose the required Room space filters, such as, A/V Control, Telepresence, or Digital Signage Messages.
- Step 14** Choose WebEx if you want to host a meeting through WebEx.
- Step 15** Enter the password, which the attendees will use to log in to the WebEx meeting, and then click **Search**.  
The list of attendees and suggested conference rooms based on the location preferences that are set by the organizer and the attendees are displayed in the right pane under the Resources tab. The seating capacity of each room is displayed next to the room name. The free or busy grid shows the availability of the attendees or rooms. A green vertical line represents the start of the meeting and a red vertical line represents the end of the meeting. Only a certain number of slots are seen in the view, so you can use the horizontal scroll bar to view the other time slots.



**Note**

---

You can also edit the number of attendees in each building. Modify the number of attendees as desired in the attendee count  Attendees @ BGL 15 text box, and then press **Enter** to view the updated room list.

---

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- Step 16** Choose the conference room(s), as required from the room list.
- Step 17** To set up a recurring meeting, on the **Meeting** tab, in the **Options** group, click **Recurrence**. Choose the options for the recurrence pattern you want, and then click **OK**.
- If a conference room is not available for the entire series, then multiple rooms are selected and booked based on their availability. The rooms are selected based on your location preference, or the location that you have currently selected. Initially, a meeting invite is sent to all of the participants without the room details. Later, when the room combination scheduling is completed, the summary of rooms that are booked for the entire meeting series is sent to the organizer, and the meeting invite is automatically updated with the room details.
- Step 18** Click **Send**.
- 

## **Updating a Meeting**

To modify the meeting day, attendees, subject, location, time, room space filters, and to add or delete attachments and WebEx details, perform the following steps:

- 
- Step 1** In **Calendar**, open the meeting.
- Step 2** On the **Meeting** tab, in the **Show** group, click **Smart Spaces**.
- Step 3** Make changes to the meeting attendees, subject, date, location, time, and/or room space filters, as required. You can also add or remove the attachments and the WebEx details.
- Step 4** Click **Send Update**.
- 

## **Responding to a Meeting Request**

When you receive a meeting request in your email, you can either accept, decline, or decide later (make the meeting tentative); if the meeting time does not suit your schedule, you can propose a new time.

- [Accepting or Declining a Meeting Request, page 2-49](#)
- [Proposing a New Time, page 2-49](#)

To respond to a meeting request, perform the following steps:

- 
- Step 1** Open the meeting request.
- Step 2** Do one of the following:
- Accept, tentatively accept, or decline the meeting.  
For more information, see the [“Accepting or Declining a Meeting Request”](#) section on page 2-49.
  - Propose a new time.  
For more information, see the [“Proposing a New Time”](#) section on page 2-49.
-

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## Accepting or Declining a Meeting Request

To accept or decline a meeting, perform the following steps:

- 
- Step 1** Open the meeting request, on the **Meeting** tab, in the **Respond** group, click **Accept**, **Decline**, or **Tentative** based on your decision to attend the meeting.
- The Microsoft Office Outlook dialog box appears.
- Step 2** Select **Edit the response before sending**, **Send the response now**, or **Don't send a response**, and then click **OK**.
- You can decline tentative or accepted meetings anytime later if you want. Alternatively, you can accept a meeting that you had marked earlier as tentative. When you click Decline, the meeting is removed from your calendar view.



**Note** For recurring meetings, the Accept, Decline, or Tentative options apply to the entire series and not just the occurrence that you clicked in the calendar.

---

## Proposing a New Time

To propose a new time for a meeting request, perform the following steps:

- 
- Step 1** Open the meeting request, on the **Meeting** tab, in the **Respond** group, click **Propose New Time**.
- Step 2** Click either **Tentative and Propose New Time** or **Decline and Propose New Time**.
- A Propose New Time window appears.
- Step 3** Select a time when all of the invites are available. You can also use **AutoPick Next** to find the next available free time for all of the invitees.



**Note** You can only change the date and time; not the attendee list.

---

- Step 4** Click **Propose Time**.
- Step 5** Click **Send**.
- 

## Canceling a Meeting

You can cancel the meetings that you have organized from the calendar. The invitees get an email informing them that the meeting is canceled. The room schedule that you booked for the meeting is deleted, and the room is made available for booking again.



**Note** If you are a meeting attendee, you can only decline the meeting, or if allowed by the organizer, propose a different meeting time.

---

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- [Canceling a One-time Meeting, page 2-50](#)
- [Canceling a Recurring Meeting, page 2-50](#)
- [Canceling an Instance of a Recurring Meeting, page 2-50](#)

### **Canceling a One-time Meeting**

To cancel a one-time meeting, perform the following steps:

- 
- Step 1** In **Calendar**, open the meeting.
  - Step 2** On the **Meeting** tab, in the **Show** group, click **Smart Spaces**.
  - Step 3** On the **Actions** menu, click **Cancel Meeting**.
  - Step 4** Click **Send Cancellation**.
- 

### **Canceling a Recurring Meeting**

To cancel a recurring meeting, perform the following steps:

- 
- Step 1** In **Calendar**, open the meeting.
  - Step 2** On the **Meeting** tab, in the **Show** group, click **Smart Spaces**.
  - Step 3** In the **Open Recurring Item** dialog box, click **Open the series**, and then click **OK**.
  - Step 4** On the **Actions** menu, click **Cancel Meeting**.
  - Step 5** Click **Send Cancellation**.
- 

### **Canceling an Instance of a Recurring Meeting**

To cancel an instance of a recurring meeting, perform the following steps:

- 
- Step 1** In **Calendar**, open the instance of the recurring meeting.
  - Step 2** On the **Meeting** tab, in the **Show** group, click **Smart Spaces**.
  - Step 3** In the **Open Recurring Item** dialog box, click **Open this occurrence**, and then click **OK**.
  - Step 4** On the **Recurring Meeting** tab, in the **Show** group, click **Smart Spaces**.
  - Step 5** On the **Actions** menu, click **Cancel Meeting**.
  - Step 6** In the **Confirm Delete** dialog box, click **Delete this occurrence**, and then click **OK**.
  - Step 7** Click **Send Cancellation**.
-

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## Setting Preferred Meeting Location

You can set your preferred meeting location through the Preferences tab that is available in the right pane.

To set a preferred meeting location, perform the following steps:

- 
- Step 1** Click the **Preferences** tab.
  - Step 2** Expand the Locations hierarchy, and then choose the desired building and floor.
  - Step 3** Click **Save**.

Your default location is set, and the available conference rooms in your preferred location is displayed automatically when you are searching for a conference room. It will also help others to automatically find the best conference room(s) at your preferred location.

**Note**

---

You can update your default location anytime, as required.

---

## Configuring the VMR Number and the Space Server IP Address

To configure the VMR number and the Spaces server IP address for the Outlook plug-in, perform the following steps:

- 
- Step 1** Click the **Preferences** tab.
  - Step 2** In the VMR Number field, enter your VMR Number.
  - Step 3** In the Spaces URL field, enter the following URL:  
`http://<host>:<port>` or `services`, and then click **Test Connection** to verify that a successful connection to the server is established.
  - Step 4** Click **Save** to save the settings.
- 

## Using Cisco IP Phones

- [Touchscreen Cisco IP Phones, page 2-51](#)
- [Non-Touchscreen Cisco IP Phones, page 2-52](#)
- [Features Available in Cisco IP Phones, page 2-53](#)
- [Using Cisco Touchscreen IP Phones to Book a Conference Room, page 2-53](#)

## Touchscreen Cisco IP Phones

[Figure 2-9](#) displays sample output from a touchscreen Cisco IP Phone located in a conference room.

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**Figure 2-9 Touchscreen Cisco IP Phone**



Figure 2-9 displays details, such as the temperature of the room where the Cisco IP Phone is located, the current date and time, and the meeting room schedule. Tap any of the icons displayed at the bottom of the screen to control the various devices in that room. In Figure 2-9, the icons for the lights, air conditioner, room mode, and reporting faults are visible. You can tap the left and right arrow icons to scroll to the other options. You can also press the keys located on the phone to navigate up and down in a list, or to choose and activate an option.

## Non-Touchscreen Cisco IP Phones

Figure 2-10 displays sample output from a non-touchscreen Cisco IP Phone that is located in a conference room.

**Figure 2-10 Non-Touchscreen Cisco IP Phone**

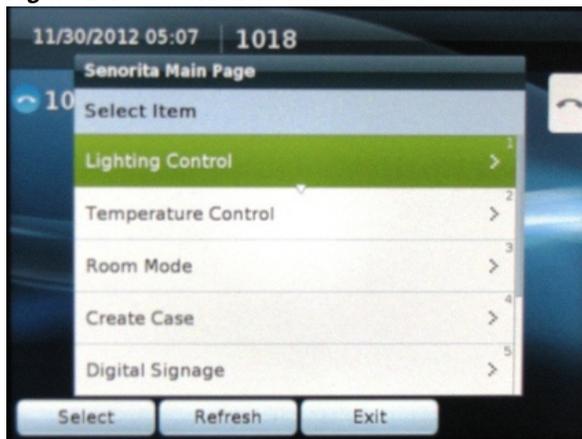


Figure 2-10 displays the name of the conference room, 'Senorita', at the top of the screen followed by the list of options that help you control the conference room devices. You can choose the required option from the list by pressing the number displayed next to the menu item using the number pad of the phone. Alternately, you can use the phone navigation keys to navigate up and down in the list to choose a specific item.

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## Features Available in Cisco IP Phones

Table 2-8 lists the features that are available or can be accessed using the following devices:

- Touchscreen Cisco IP Phones
- Non-Touchscreen Cisco IP Phones

**Table 2-8** *Features Available in Cisco IP Phones*

Features	Touchscreen IP Phone	Non-Touchscreen IP Phone
Date & Time	✓	✓
Temperature at Location	✓	✗
Conference Room Name	✓	✓
Listing of Room Reservations	✓	✗
Booking Rooms	✓	✗
Releasing Rooms	✓	✗
Reporting Faults	✓	✓
Sending Messages to Signage	✓	✓
Setting Room Modes	✓	✓
Controlling Blinds	✓	✓
Controlling Lights	✓	✓
Controlling Air conditioner	✓	✓
Controlling A/V Equipment	✓	✓

✓ Available

✗ Not Available

## Using Cisco Touchscreen IP Phones to Book a Conference Room

You can book a conference or TP room using a touchscreen Cisco IP Phone in the room only if the status of the room is “Available” at that time. If the room is occupied or a meeting is in progress, the option for booking the room is unavailable. After the booking is done, the schedule of the conference room is updated on the signage display.

To book a conference or TP room using a Cisco IP Phone, perform the following steps:

- 
- Step 1** On the Cisco IP phone, press the **Services** button.  
The list of available services appears.
- Step 2** Tap the service that has been created for the Smart+Connected Spaces in Cisco Unified Communications Manager (CUCM).  
The Smart+Connected Spaces service screen appears.

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**Note** For this guide, it is assumed that the name of the Smart+Connected Spaces service configured in CUCM is 'S+CC Service'.

**Step 3** Tap the book room  icon. Choose the duration for which you want to book the room from the drop-down list that appears.



**Note** This room booking feature will be available only if the "Room Booking" feature is added to the configuration that is associated to the location.

**Step 4** Enter your user ID to book the room. The room is reserved for the selected time slot. The following room reservation details are displayed on the Cisco IP Phone:

- "Booked by <your name>"
- Time slot of the booking



**Note** The booking of conference or TP rooms feature is not available in non-touchscreen Cisco IP Phones.

## Releasing the Conference Rooms

If you do not want to use the room for the entire duration of the reservation, you can release the room on completion of the meeting using the Cisco IP Phone in the conference room. The room is shown in a different color on the Cisco IP Phone and signage display so that other users know that it is available. They cannot reserve the conference room till the duration of your booking ends but can use the room without actually booking it. After a room is manually released, the following settings are automatically applied:

- The projector is switched off (if it was switched on).
- The projector screen is raised (if it was lowered).
- The air conditioner reverts to the Energy Saving mode.

## Using the Touchscreen Cisco IP Phone

To release a room early using a touchscreen Cisco IP Phone, perform the following steps:

**Step 1** On the Cisco IP Phone, press the **Services** button.

The list of services that are available for the Cisco IP Phone appears.

**Step 2** Tap **S+CC Service**.

The S+CC Service screen appears.

**Step 3** Tap the release room  icon that is displayed next to the meeting details.

The "Please confirm that your meeting has ended and you are releasing the room" message appears.

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**Step 4** Tap **Confirm** to release the room, or tap **Cancel** to go back to the S+CC Service screen.



**Note**

The release room icon is displayed only after the meeting time starts.



**Note**

This feature is not available in non-touchscreen Cisco IP Phones.

## Controlling Room Resources Using Cisco IP Phones

You can use the touchscreen and non-touchscreen Cisco IP Phones that are located in a conference or TP room to control the resources that are available in that room, to report faults in the devices, and to send messages to the signage. You can change the settings of lights, window blinds, air conditioner, and audio and visual equipment. Multiple devices can be simultaneously controlled using the room mode options. You can use the Cisco IP Phone to report the problems that occur in the conference room, so that a case is created in the trouble ticketing system.

- [Controlling the Lights, page 2-55](#)
- [Controlling the Window Blinds, page 2-57](#)
- [Controlling the Air Conditioner Settings, page 2-58](#)
- [Controlling the Audio & Video Equipment, page 2-59](#)
- [Reporting Faults for the Location, page 2-61](#)
- [Activating the Room Modes, page 2-62](#)
- [Sending Messages to the Signage Using the Cisco IP Phones, page 2-63](#)

## Controlling the Lights

The Light Control feature allows you to control the lights and or the dimmer at a particular location through the Cisco IP Phone that is available at that location. You can control the lights by switching them on or off, and by adjusting the brightness using a predefined list of brightness options that are available. The light dimmer option will be available only if a dimmer is added to the configuration for the location.



**Note**

If the Light Control feature is not available for a location, the “Light controls are not available for this location” message appears.

The following default light control options are available:

- **Lights Off**—Turns off the lights.
- **Lights On**—Turns on the lights.

The following dimmer control options are available:

- **3% Brightness**—Adjusts the brightness to 3%.
- **30% Brightness**—Adjusts the brightness to 30%.

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- 50% Brightness—Adjusts the brightness to 50%.
- 75% Brightness—Adjusts the brightness to 75%.
- 100% Brightness—Adjusts the brightness to 100%.



**Note** The icons displayed on the touchscreen Cisco IP Phones represent the actual state of the device. For example, when a light is on, you see the light icon as yellow. When you turn off a light or it is already off, the light icon appears grey.

- [Controlling Lights Using the Touchscreen Cisco IP Phone, page 2-56](#)
- [Controlling Lights Using the Non-Touchscreen Cisco IP Phone, page 2-56](#)

## Controlling Lights Using the Touchscreen Cisco IP Phone

To control the lights using a touchscreen Cisco IP Phone, perform the following steps:

**Step 1** On the Cisco IP Phone, press the **Services** button.  
The list of services that are available for the Cisco IP Phone appears.

**Step 2** Tap **S+CC Service**.  
The S+CC Service screen appears.



**Note** For this guide, it is assumed that the name of the Smart+Connected Spaces service configured in CUCM is 'S+CC Service'.

**Step 3** Tap the lights  icon.  
Multiple light icons with numbers, such as 1, 2, and so on appear. You also have an icon to control all of the lights together.



**Note** Similar text-based options appear for the non-touchscreen Cisco IP Phones.

**Step 4** Tap the icon for the required light.  
The various light control icons appear.

**Step 5** Tap the required light control icon to activate it.

**Step 6** Tap **Back** to go back to the previous screen.

## Controlling Lights Using the Non-Touchscreen Cisco IP Phone

To control lights using a non-touchscreen Cisco IP Phone, perform the following steps:

**Step 1** On the Cisco IP Phone, press the **Services** button.  
The list of services that are available for the Cisco IP Phone appears.

**Step 2** Choose **S+CC Service**.

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The S+CC Service screen appears.

- Step 3** Choose **Lights Control** from the list using the navigation keys on the Cisco IP Phone.
- The list of available lights, such Light1, Light2, and so on appears. You also have the Lights All option to control all the lights at a time.
- Step 4** Select the required light option.
- The list of light control options appears.
- Step 5** Navigate to the desired light option using the navigation keys.
- Step 6** Press the **Select** button to activate the light control option.
- Step 7** Press the **Back** button to go back to the previous screen, or press **Exit** to return to the S+CC Service screen.
- 

## **Controlling the Window Blinds**

The Blinds Control feature allows you to control the window blinds in a conference room. You can select either one blind or all of the blinds to open or close them.

If there is more than one blind, additional options, such as Blind1, Blind2, and so on appear. You also have the option to control all of the blinds at a time.

The default window blinds options are as follows:

- Blinds Open—Opens the window blinds.
- Blinds Close—Closes the window blinds.
- Blinds Stop—Stops the window blinds.

## **Controlling Window Blinds Using the Touchscreen Cisco IP Phone**

To control the window blinds using a touchscreen Cisco IP Phone, perform the following steps:

- Step 1** On the Cisco IP Phone, press the **Services** button.
- The list of services that are available for the Cisco IP Phone appears.
- Step 2** Tap **S+CC Service**.
- The S+CC Service screen appears.
- Step 3** Tap the blinds  icon.
- Multiple blind icons with numbers, such as 1, 2, and so on appear. You also have an icon to control all of the blinds together.
- Step 4** Tap the icon for the required blind.
- The various blind control icons appear.
- Step 5** Tap the required blind control icon to activate it.
- The blind is set to the selected state.
- Step 6** Tap **Back** to go back to the previous screen.
-

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## Controlling Window Blinds Using the Non-Touchscreen Cisco IP Phone

To control blinds using a non-touchscreen Cisco IP Phone, perform the following steps:

- 
- Step 1** On the Cisco IP Phone, press the **Services** button.  
The list of services that are available for the Cisco IP Phone appears.
- Step 2** Choose **S+CC Service**.  
The S+CC Service screen appears.
- Step 3** Choose **Blinds Control** from the list using the navigation keys on the Cisco IP Phone.  
The list of available blinds, such as Blind1, Blind2, and so on appears. You also have the Blinds All option to control all of the blinds together.
- Step 4** Choose the required blind.  
The list of blind control options appears.
- Step 5** Navigate to the required blind control option using the navigation key.
- Step 6** Press the **Select** button to activate the selected blind control option.
- Step 7** Press the **Back** button to go back to the previous screen, or press **Exit** to return to the S+CC Service screen.
- 

## Controlling the Air Conditioner Settings

The airconditioner control feature allows you to set the temperature of the conference room per your preference.



**Note** If a thermostat is not associated to the location, a warning message appears informing you that the thermostat control (set points) is not available for the location.

---

The default temperature control options are as follows:

- Air-con On—Changes air conditioner settings to the Occupied mode.
- Air-con Off—Changes air conditioner settings to the Energy Savings mode.
- Temperature Range—The list of temperature set options that are available for the location.

The temperature set options are based on the minimum and maximum values that are entered when associating the VAV device for the location.

For example, if the minimum temperature value is 21 and the maximum temperature is 25, the temperature set points will be in increments of 1, that is from 21 to 25. The unit of temperature may be Fahrenheit (°F) or Celsius (°C) depending on the unit that is selected when associating the VAV or VRV device for the location.

- [Controlling Air Conditioner Using the Touchscreen Cisco IP Phone, page 2-59](#)
- [Controlling Air Conditioner Using the Non-Touchscreen Cisco IP Phone, page 2-59](#)

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## Controlling Air Conditioner Using the Touchscreen Cisco IP Phone

To control the temperature using a touchscreen Cisco IP Phone, perform the following steps:

- 
- Step 1** On the Cisco IP Phone, press the **Services** button.  
The list of services that are available for the Cisco IP Phone appears.
- Step 2** Tap **S+CC Service**.  
The S+CC Service screen appears.
- Step 3** Tap the air conditioner  icon.  
The various temperature control  icons appear.
- Step 4** Tap the required temperature control icon.



**Note** The value that you provide here will be used to set the temperature set point value. Once this is done, the occupancy status of the conference room will be set as “Occupied”.

- 
- Step 5** Tap **Back** to go back to the previous screen.
- 

## Controlling Air Conditioner Using the Non-Touchscreen Cisco IP Phone

To control the temperature using a non-touchscreen Cisco IP phone, perform the following steps:

- 
- Step 1** On the Cisco IP Phone, press the **Services** button.  
The list of services that are available for the Cisco IP Phone appears.
- Step 2** Choose **S+CC Service**.  
The S+CC Service screen appears.
- Step 3** Choose **Aircon** from the list using the navigation keys on the Cisco IP Phone.  
The list of temperature control options that are available for the location appears. For example: 16 degrees, 20 degrees, and so on.
- Step 4** Choose the required temperature control feature.
- Step 5** Press the **Back** button to go back to the previous screen, or press **Exit** to return to the S+CC Service screen.
- 

## Controlling the Audio & Video Equipment

The A/V Control feature allows you to control the projector equipment using the Cisco IP Phone at the location. You can configure a room for a personal computer presentation or a meeting using the Cisco IP Phone.

If the A/V Control feature is enabled for a location and the A/V devices are not added or configured correctly, the “Controls are not available for this location” warning message appears.

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The A/V Control options that are available are as follows:

- Projector On—Allows you to switch on the projector and lower the projector screen.
- Projector Off—Allows you to switch off the projector and raise the projector screen.
  
- [Controlling A/V Equipment Using the Touchscreen Cisco IP Phone, page 2-60](#)
- [Controlling A/V Equipment Using the Non-Touchscreen Cisco IP Phone, page 2-60](#)

### **Controlling A/V Equipment Using the Touchscreen Cisco IP Phone**

To control the audio and video equipment using a touchscreen Cisco IP Phone, perform the following steps:

- 
- Step 1** On the Cisco IP Phone, press the **Services** button.  
The list of services that are available for the Cisco IP Phone appears.
- Step 2** Tap **S+CC Service**.  
The S+CC Service screen appears.
- Step 3** Tap the A/V controls  icon.  
The icons for switching on  and switching off  the projector appear. Tap the required icon.
- Step 4** Tap **Back** to go back to the previous screen.
- 

### **Controlling A/V Equipment Using the Non-Touchscreen Cisco IP Phone**

To control the audio and video equipment using a non-touchscreen Cisco IP Phone, perform the following steps:

- 
- Step 1** On the Cisco IP Phone, press the **Services** button.  
The list of services that are available for the Cisco IP Phone appears.
- Step 2** Choose **S+CC Service**.  
The S+CC Service screen appears.
- Step 3** Choose **A/V Control** from the list using the navigation keys.  
The projector on and off controls are listed.
- Step 4** Navigate to the required A/V control option.
- Step 5** Press the **Select** button to activate the selected option.
- Step 6** Press the **Back** button to go back to the previous screen, or press **Exit** to return to the S+CC Service screen.
-

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## Reporting Faults for the Location

The Fault Reporting feature allows you to report the faults at the location to the case management system. You can select a fault from a predefined list for the meeting room. After you select a fault and enter your employee ID, a case is created in the case management system. After you report a fault, you receive a confirmation message with a unique case number. The case is routed to the appropriate team for resolution in the case management system.

In the absence of a case management system like Remedy, the Smart+Connected Spaces solution can be configured to use email as a mechanism to raise the cases. In this scenario, when a case is raised from the Cisco IP Phone, an email will be sent to the configured email ID with the fault item details.

- [Reporting Faults Using the Touchscreen Cisco IP Phone, page 2-61](#)
- [Reporting Faults Using the Non-Touchscreen Cisco IP Phone, page 2-61](#)

## Reporting Faults Using the Touchscreen Cisco IP Phone

To report a fault using a touchscreen Cisco IP Phone, perform the following steps:

- 
- Step 1** On the Cisco IP Phone, press the **Services** button.  
The list of services that are available for the Cisco IP Phone appears.
- Step 2** Tap **S+CC Service**.  
The S+CC Service screen appears.
- Step 3** Tap the create case  icon.  
The list of available faults appears.
- Step 4** Choose a fault.
- Step 5** Enter your User ID using the keypad.
- Step 6** Tap **Submit**. A case is created in the case management system for the selected fault and:
- A confirmation message is displayed on the Cisco IP Phone with the case ID, in case the Remedy case management tool is used.
  - A confirmation email is sent, in case the an email-based case management option is used.
- Step 7** Tap **Back** to go back to the previous screen.
- 

## Reporting Faults Using the Non-Touchscreen Cisco IP Phone

To report a fault using a non-touchscreen Cisco IP Phone, perform the following steps:

- 
- Step 1** On the Cisco IP Phone, press the **Services** button.  
The list of services that are available for the Cisco IP Phone appears.
- Step 2** Choose **S+CC Service**.  
The S+CC Service screen appears.
- Step 3** Choose **Create Case** from the list using the navigation keys on the Cisco IP Phone.  
The list of available faults appears.

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- Step 4** Choose a fault.  
The Fault Reporting screen appears.
- Step 5** Enter your **User ID** using the keypad.
- Step 6** Press the **Submit** button. A case is created in the case management system for the selected fault and:
- A confirmation message is displayed on the Cisco IP Phone with the case ID if the Remedy case management tool is used.
  - A confirmation email is sent if an email based case management tool is used.
- Step 7** Press the **Back** button to go back to the previous screen, or press **Exit** to return to the S+CC Service screen.



**Note** The case is not created if the Product Category1, Product Category2, and Facilities do not match the categories that are specified in the case management system.

## Activating the Room Modes

The Room Mode feature allows you to configure various devices in a conference room for presentations and meetings by choosing a single option from the Cisco IP Phone. This feature controls the lights, blinds, projector, and projector screen at the location of the Cisco IP Phone. There are three different room modes with predefined settings for the devices. You can choose either a presentation mode for the night or a presentation mode for the day. After the presentation is over, you can opt for the normal mode to return the devices to the non-presentation state.

After a Room Mode is applied, you can change the status of any device by going back to the S+CC Service screen. The change made does not affect the status of other equipment.

- [Activating the Room Modes Using the Touchscreen Cisco IP Phone, page 2-62](#)
- [Activating the Room Modes Using the Non-Touchscreen Cisco IP Phone, page 2-63](#)

## Activating the Room Modes Using the Touchscreen Cisco IP Phone

To activate room modes for a conference room using a touchscreen Cisco IP Phone, perform the following steps:

- Step 1** On the Cisco IP Phone, press the **Services** button.  
The list of services that are available for the Cisco IP Phone appears.
- Step 2** Choose **S+CC Service**.  
The S+CC Service screen appears.
- Step 3** Tap the room modes  icon.  
The room mode icons that appear are as follows:
- a. Presentation Mode–Day: Lights 3%, blinds closed, projector on, and the projector screen is lowered.
  - b. Presentation Mode–Night: Lights dimmed to 3% if they are on (or not turned on if they are already off), projector on, and the projector screen is lowered.

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The Normal Mode is available as a toggle option on the touchscreen Cisco IP Phones. You can tap the icon for the selected mode to change the settings to Normal Mode (Lights off, projector off, and the projector screen is raised).

- Step 4** Choose a room mode.
- Step 5** Tap **Back** to return to the previous screen.
- 

## **Activating the Room Modes Using the Non-Touchscreen Cisco IP Phone**

To activate the room modes for a conference room using a non-touchscreen Cisco IP Phone, perform the following steps:

- Step 1** On the Cisco IP Phone, press the **Services** button.
- The list of services that are available for the Cisco IP Phone appears.
- Step 2** Choose **S+CC Service**.
- The S+CC Service screen appears.
- Step 3** Choose the **Room Modes** option from the list by using the navigation keys on the Cisco IP Phone.
- The room mode options that appear are as follows:
- Presentation Mode–Day: Lights 3%, projector on, and the projector screen is lowered
  - Presentation Mode–Night: Lights dimmed to 3% if they are on (or not turned on if they are already off), projector on, and the projector screen is lowered
  - Normal Mode–Lights Off, projector off, and the projector screen is raised
- Step 4** Navigate to the required room mode option, and press **Select** to activate it.
- Step 5** Press the **Back** button to return to the previous screen, or press **Exit** to return to the S+CC Service screen.
- 

## **Sending Messages to the Signage Using the Cisco IP Phones**

The Signage Message feature allows you to send messages to the signage that is associated to a room.

The messages that are added to the location using the Smart+Connected Spaces solution are displayed on the Cisco IP Phone.



### **Caution**

No warning message is displayed if a signage device is not associated to the location.

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- [Sending Messages to the Signage Using the Touchscreen Cisco IP Phone, page 2-63](#)
- [Sending Messages to the Signage Using the Non-Touchscreen Cisco IP Phone, page 2-64](#)

## **Sending Messages to the Signage Using the Touchscreen Cisco IP Phone**

To send a message using a touchscreen Cisco IP Phone, perform the following steps:

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- 
- Step 1** On the Cisco IP Phone, press the **Services** button.  
The list of services that are available for the Cisco IP Phone appears.
- Step 2** Tap **S+CC Services**.  
The S+CC Services screen appears.
- Step 3** Tap the signage  icon.  
The list of messages that are available for the location appears.
- Step 4** Tap the required message.  
The selected message is displayed on the signage associated to the room.
- Step 5** Tap **Back** to return to the home page.
- 

## **Sending Messages to the Signage Using the Non-Touchscreen Cisco IP Phone**

To send a message using a non-touchscreen Cisco IP Phone, perform the following steps:

- 
- Step 1** On the Cisco IP Phone, press the **Services** button.  
The list of services that are available for the Cisco IP Phone appears.
- Step 2** Choose **S+CC Service**.  
The S+CC Service screen appears.
- Step 3** Choose **Signage** from the list by using the navigation keys on the Cisco IP Phone.  
The list of messages that are available for the location appears.
- Step 4** Select the required message.  
The selected message is displayed on the signage that is associated to the location.
- Step 5** Press **Back** to return to the previous screen, or press **Exit** to return to the S+CC Service screen.
-



## Flexible Working by Using Personalized Spaces

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This chapter describes how you can book and manage workspaces and offices by using the web portal for workspaces, kiosks, and Cisco IP Phones.

- [Overview, page 3-1](#)
- [Using the Web Portal for Workspaces, page 3-1](#)
- [Using Kiosks, page 3-12](#)
- [Using Cisco IP Phones, page 3-14](#)
- [Personalizing a Workspace or Office, page 3-15](#)
- [Customizing the Workspace or Office Settings, page 3-17](#)
- [Raising a Case, page 3-18](#)

### Overview

The Smart+Connected Spaces solution allows you to manage the utilization of workspaces and offices and personalize them according to your preferences. You can book these spaces for yourself or other users, check in and check out, and report any issue that you face while using the workspaces and offices. The interfaces that you use to perform these tasks are:

- Web portal for workspaces
- Kiosks and the kiosk web portal
- Cisco IP Phones

### Using the Web Portal for Workspaces

- [About the Portal, page 3-2](#)
- [Understanding the User Interface, page 3-3](#)
- [Viewing the Booking Calendar, page 3-4](#)
- [Booking a Workspace or Office, page 3-5](#)
- [Saving a Search and Booking from a Saved Search, page 3-7](#)
- [Copying a Booking, page 3-8](#)
- [Editing a Booking, page 3-8](#)

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- [Deleting a Booking, page 3-9](#)
- [Creating a Proxy Booking, page 3-10](#)

## **About the Portal**

The web portal for workspaces allows you to search for the available workspaces or offices based on your requirements such as date, time, location, workspace type, and so on and reserve them. You can also view the current and upcoming workspace bookings, personalize your workspace, check in and check out of a reserved workspace or office, and raise cases to report the faults in the workspaces and offices.

## **Logging In**

You can log in to the web portal for workspaces by using any of the browsers certified for the application. The portal can be accessed using `http://host-name:port/ipsapp`. You can log in using your enterprise login credentials.

To log in to the web portal for workspaces, perform the following steps:

---

**Step 1** Enter the URL in the address field of the web browser, and click **Enter**.

The login page of the web portal for workspaces appears.

**Step 2** Enter the username and password.

**Step 3** Click **Login**.

The home page of the web portal for workspaces appears. It displays your booking calendar. By default, the Day View tab with the current day is displayed.

After logging in, if you do not use the portal for a while, your browsing session will time out. In such a situation, you must re-log in to the portal.

---

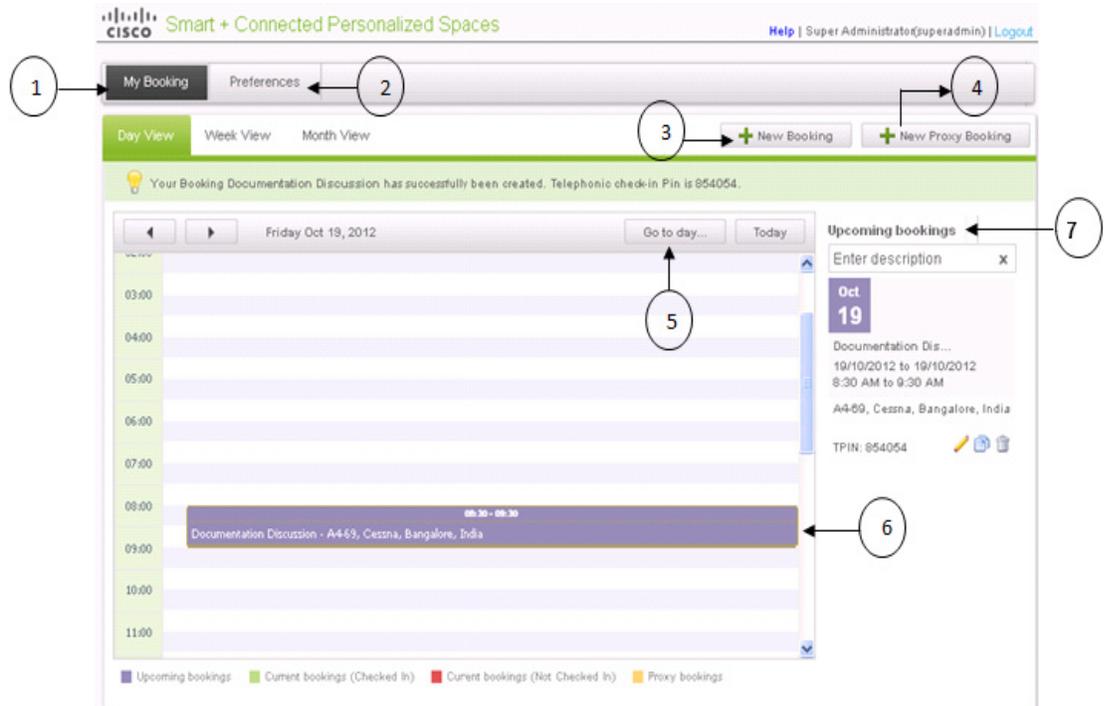
## **Logging Out**

To log out of the portal, click the Logout option displayed in the top right corner of the page, next to your username.

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## Understanding the User Interface

**Figure 3-1** User Interface of the Web Portal for Workspaces



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**Table 3-1** User Interface Elements

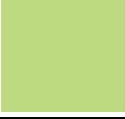
Number	Description
1	The <b>My Booking</b> tab displays your upcoming bookings. You can view these bookings based on different views such as Day View, Week View, and Month View.
2	The <b>Preferences</b> tab displays the Preference Settings page that allows you to add, edit, or delete the device settings for all devices located at the booked workspace.
3	The <b>New Booking</b> button displays the Booking Details page that allows you to search for, and book an available workspace.
4	The <b>New Proxy Booking</b> button displays the Booking Details page to create bookings on behalf of other users.
5	The <b>Go to day</b> button displays the pop-up calendar to choose the particular date for which you want to view your bookings.
6	The booking bar displays the time range of your booking.
7	The <b>Upcoming bookings</b> area displays your upcoming bookings.

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## Booking Legend

Table 3-2 describes the available color code indicators that are displayed on the booking bar.

**Table 3-2 Available Color Code Indicator**

Icon	Description
	Indicates an upcoming booking.
	Indicates a proxy booking.
	Indicates a current booking without user check in.
	Indicates a current booking with user check in.

## Viewing the Booking Calendar

When you log in to the web portal for workspaces, you can view your booking calendar for a particular day, week, or month.

To view the booking calendar, perform the following steps:

- 
- Step 1** In the home page of the web portal for workspaces, choose the **My Bookings > Day View, Week View, or Month View** tab.
- Your booking details for the current day, week, or month will be displayed.
- Step 2** (Optional) Click **Go to day, Go to week, or Go to month** and choose the required date, week, or month from the calendar.



**Note** Either of the three buttons will be available depending on the choice that you made in [Step 1](#), that is, the current tab that is open.

---

The booking details are displayed for the selected time period.

---

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## Booking a Workspace or Office

The web portal for workspaces allows you to search for and book workspaces and offices. You can also save your search results to help you book a nearby workspace or office the next time, if your first choice of a workspace or office has already been booked by someone else.

Booking a workspace or office is a three-step process, as reflected by the following three tabs in the Booking Details page:

- Booking Details
- Select a Space
- Book the Space

To book a workspace or office, perform the following steps:

**Step 1** In the home page of the web portal for workspaces, click **New Booking**.

The Booking Details page appears.

**Step 2** In the **Booking Details** page, do the following:

- a. In the Description field, enter a description for your booking.
- b. In the From and To date fields, click the calendar  icon to select the start date and end date for your booking.



**Note** You cannot choose an earlier date in the calendar.

- c. Check the **Whole day booking** check box to book the workspace or office for an entire day. Alternatively, choose the required timings from the From and To time drop-down lists.



**Note** You cannot choose a earlier time from the drop-down list.

- d. From the Country, City, and Campus drop-down lists, choose your location.
- e. Based on your workspace requirement, check either the **Workspace** or **Office** check box.
- f. Click the appropriate Services icon to choose the type of services that you want for your workspace or office.

**Table 3-3** Service Icons

Service	Icon	Functionality
Lights control		The lights control preference for the workspace or office can be turned “On” or “Off”.
Blinds		The blinds preference for the workspace or office can be “Open” or “Close”.
Dimmers		The dimmers preference for the workspace or office; the brightness percentage can be adjusted.

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**Table 3-3** Service Icons (continued)

Service	Icon	Functionality
Air conditioner		The air conditioning preference for the workspace or office; the temperature can be adjusted.
Digital signage		The digital signage preference for the workspace or office can be turned “On” or “Off”.

- g.** Click **Search Spaces** to search for the available workspaces and offices for the defined criteria, otherwise click **Cancel** to cancel the search. If you want to clear the entered booking details, click **Reset**.

The search results for the available workspaces and offices appear in the location hierarchy tree in the left pane, and the booking schedule appears in the right pane.

**Step 3** In the Select a Space page, do the following:

- a.** (Optional) To edit the search criteria, such as date range, time range, location, room type, or service, click the pencil  edit icon next to the defined criterion, then edit the criterion, and click **OK**. The location hierarchy tree in the left pane displays the new search results.
- b.** Alternatively, if you want to edit the search criteria and search for a workspace or office again, click **Modify Search** to return to the Booking Details page.



**Note** You can also click a workspace or office in the location hierarchy and then click **Mark as Favorite** so that after checking the Show only  check box, only your preferred workspaces and offices are displayed in the search results.

- c.** Select the required workspace or office in the left pane, and click **Book** in the right pane.

The Book the Space page appears.

**Step 4** In the **Book the Space** page, do the following:

- a.** Check the **Personalize this space** check box, and select a preference profile from the Saved Preferences list in the right pane.

The preference setting details appear.



**Note** If do not have any previously saved preferences, click the **Add New Preference** link. If you want to add a new preference setting other than those available in the Saved Preferences list, click the **Preference** tab. For more information on adding preferences, see the [“Adding Preferences” section on page 3-15](#).

- b.** Click **Book This Space**.

You are redirected to the home page and the booking appears in the calendar view. The booking details are also shown in the Upcoming Bookings pane along with a telephonic check-in PIN number. This TPIN number is also sent to you through email. You are required to log in to the Smart+Connected Spaces application through the Cisco IP Phone only.

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**Note**

You can also book a workspace or office by dragging the cursor over the calendar in the My Bookings calendar page. Release the cursor, click **Yes** for the prompt to book the workspace or office, and enter the appropriate data in the Booking Details page that appears.

## Saving a Search and Booking from a Saved Search

To save a search and book from a saved search, perform the following steps:

- 
- Step 1** In the home page of the web portal for workspaces, click **New Booking**.  
The Booking Details page appears.
- Step 2** In the Booking Details page, enter the workspace or office search criteria. For more information, see the [“Booking a Workspace or Office” section on page 3-5](#).  
The Select a Space page appears. This page displays the workspace search results in the location hierarchy tree in the left pane.
- Step 3** Click **Save Search** to save the search result of the available workspaces and offices.
- Step 4** Click **Save** in the confirmation dialog box that appears.

This saves the data for the following fields:

- Description
- From and To Date
- From and To Time
- Country
- City
- Location Type
- Services

The workspace and office search result entry is saved in the Saved Searches column in the Booking Details page. You can refer to this search result entry to book the available workspaces and offices.

(Optional) Click **Cancel** if you do not wish to save the search results.

- Step 5** To book a workspace or office from a previously saved search, click the appropriate workspace or office in the Saved Searches list on the Booking Details page and edit the details as required.

**Note**

If the date or time for the saved space precedes the current date, edit the date and time to search for the currently available workspaces or offices. You cannot, however, book a workspace or office for more than the configured number of days in advance.

- Step 6** Book the workspace or office, if available.
-

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## Copying a Booking

The Smart+Connected Spaces solution allows you to copy or duplicate a previously booked workspace or office.

To duplicate your booking, perform the following steps:

- 
- Step 1** In the home page of the web portal for workspaces, in the **Upcoming Bookings** pane, click the **copy**  icon for the booking item that you want to duplicate.
- The Copy Booking page appears with the pre-populated details of the booking that you want to duplicate.




---

**Note** If you have logged in as an administrator or a proxy user, a message appears prompting you to copy the booking either for a proxy user or for self. Click **Self**, if you want to copy the booking for yourself, otherwise click **Proxy User** if you want to copy the booking for another user.

---

- Step 2** Update the details for your new booking, for example, the date and time. If it is a proxy booking, then you must enter the user ID of the proxy user.
- Step 3** Click **Check Availability** to check if the workspace or office is available for the specified period.
- A message indicating the availability status appears. An error message appears if the workspace or office is unavailable.
- Step 4** (Optional) If you want to select a nearby space, click the workspace or office link in the Nearest Available Spaces pane.
- Step 5** (Optional) Click **Search for Another Space** to search for a workspace or office on a different floor.
- Step 6** Click **Revert to Previous** to retrieve the original pre-populated booking details.
- Step 7** (Optional) Click **Cancel** to cancel copying the current booking details, and to return to the My Booking page.
- Step 8** Click **I am Done** to complete your booking.

The duplicate booking item now appears in the Upcoming Bookings pane in My Bookings page. A confirmation message that appears displays a telephonic check-in PIN number.




---

**Note** Alternatively, to duplicate a booking, click **New Booking**, and in the Booking Details page, in the Repeat Bookings column, click the relevant booking item. You can then update the date and other criteria to search and book the currently available workspaces or offices.

---

## Editing a Booking

To edit an existing booking, perform the following steps:

- 
- Step 1** In the home page of the web portal for workspaces, in the Upcoming Bookings pane, click the pencil  edit icon for the required booking. You can also enter the description in the Search field to search for other booking entries.

The Edit Booking page appears.

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**Step 2** Edit the booking parameters, such as the start date, end date, start time, end time, room type, and the services.

For more information on the Booking Details fields, see the “[Booking a Workspace or Office](#)” section on page 3-5.



**Note** You may choose to edit only the description for the booking, while retaining the same booking criteria.

**Step 3** Click **Check Availability** to check if the workspace or office is available for the specified period. A message indicating the availability status appears. An error message appears if the workspace or office is unavailable.

**Step 4** (Optional) If you want to select a nearby space, click the workspace or office link in the Nearest Available Spaces column.

**Step 5** (Optional) Click **Search for Another Space** to search for a workspace or office from another floor.

**Step 6** Click **Revert to Previous** to revert to the original pre-populated booking details.

**Step 7** (Optional) Click **Cancel Edit** to cancel editing the current booking details, and to return to the My Booking Calendar home page.

**Step 8** Click **I Am Done**.

The page displays the edited booking details updated successfully for the specified dates and time range, with the booking details for your chosen workspace or office.



**Note** While you can edit the details of an upcoming booking, you cannot edit or delete a booking that has already been checked in.

## Deleting a Booking

To delete an existing booking, perform the following steps:

**Step 1** In the home page of the web portal for workspaces, in the Upcoming Bookings pane, click the pencil  edit icon for the required booking. You can also enter the description in the Search field to search for other booking entries.

The Edit Booking page appears.

**Step 2** Click **Cancel Booking**.

Alternatively, you can click the delete  icon next to a booking item in the Upcoming Bookings list, to delete that booking item.

A confirmation message asking you to confirm the deletion appears.



**Note** The booking items do not appear in the Upcoming Bookings list after you delete it.

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## Creating a Proxy Booking

The Proxy booking feature allows you to book a workspace on behalf of another user. This feature is available for you if you have been granted proxy booking privileges by the Smart+Connected Spaces administrator.

To create a proxy booking, perform the following steps:

---

**Step 1** In the home page of the web portal for workspaces, click **New Proxy Booking**.

The Proxy Bookings Details page appears.

**Step 2** In the **Proxy Booking Details** page, do the following:

- a. In the Description field, enter a description for your booking.
- b. In the For User field, enter the name or ID of the user for whom you want to create a booking.  
A list of relevant names appears as you enter the alphabetic characters of the username.
- c. (Optional) Click the **Advanced Search** link.  
A list of relevant users appears, as you enter the characters in the filter field.
- d. Click the **User ID** link to choose the required user.  
The chosen user ID is populated in the For User field.
- e. In the From and To date fields, click the calendar  icon to select the start date and the end date for your booking.




---

**Note** You cannot choose an earlier date in the calendar.

---

- f. Check the **Whole day booking** check box to book the workspace or office for an entire day. Alternatively, choose the required timings from the From and To time drop-down lists.




---

**Note** You cannot choose an earlier time from the drop-down list.

---

- g. From the Country, City, and Campus drop-down lists, choose your location.
- h. Based on your workspace or office requirement, check either the **Workspace** or **Office** check box.
- i. Click the appropriate Services icon to choose the type of services that you want for your workspace or office.
- j. Click **Search Spaces** to search for the available workspaces or offices for the defined criteria, otherwise click **Cancel** to cancel the search. If you want to clear the entered booking details, click **Reset**.

The search results for the available workspaces or office appear in the location hierarchy tree in the left pane, and the booking schedule appears in the right pane.

**Step 3** On the Select a Space page, do the following:

- a. (Optional) To edit the search criteria, such as proxy user ID, date range, time range, location, room type, or service, click the pencil  edit icon next to the defined criterion, then edit the criterion, and click **OK**.

The location hierarchy tree in the left pane displays the new applicable search results on editing any of the search criteria.

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- b. Alternatively, if you want to edit your workspace or office search criteria to search for a workspace or office again, click **Modify Search** to return to the Booking Details page.



**Note** You can also click a workspace or office in the location hierarchy and then click **Mark as Favorite** so that after checking the Show only  check box, only your preferred workspaces and offices are displayed in the search results.

- c. Select the appropriate workspace or office in the left pane, and click **Book** in the right pane. The Book the Space page appears.

**Step 4** In the **Book the Space** page, do the following:

- a. Check the **Personalize this Space** check box, and select a preference profile from the Saved Preferences list in the right pane.

The preference setting details appear.



**Note** If do not have any previously saved preferences, click the **Add New Preference** link. If you want to add a new preference setting other than those available in the Saved Preferences list, click the **Preference** tab. For more information on adding preferences, see the [“Adding Preferences” section on page 3-15](#).

- b. Click **Book This Space**.

The booking confirmation message appears.

## Checking In Using the Web Portal for Workspaces

After you book a Smart+Connected Spaces workspace or office, you must check in to the booked workspace or office. You can check in to a workspace or an office to use it for the maximum allowed check in duration (normally eight hours). Checking in automatically signs into your Extension Mobility on the Cisco IP Phone in the workspace or office (if configured) and updates your dynamic workplace location on the Smart+Connected Spaces kiosk.

To check in to a booked workspace or office using the web portal, perform the following steps:

**Step 1** In the home page of the web portal for workspaces, click **Checkin**.



**Note** If you do not check in to the workspace or office at this scheduled time, the system displays the auto-cancellation timelines.

The Checkin page appears with a message to validate your preference for your booking, and to proceed to check in.

**Step 2** (Optional) Choose another preference from the Personalize this space drop-down list.

**Step 3** Click **Checkin** to check in to the workspace or office.

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A successful check-in confirmation message appears with a confirmation of your selected preference, and the reservation in the booking bar within the calendar is highlighted in green. The remaining time for auto checkout is displayed every minute, as per your booking schedule.

If required, you can edit the service preference settings in your checked in workspace or office, such as lights control, air conditioning, or blinds. These settings are applicable only during the current meeting duration.



**Note** If you click Change Settings when a booked workspace or office does not have devices/configuration set for it, then an error message indicating the unavailability of services appears.

## Checking Out Using the Web Portal for Workspaces

To check out of a workspace or office by using the web portal for workspaces, click **Checkout** in the Check In page to check out from your current workspace or office. A checkout confirmation message that appears indicates a successful checkout.

## Using Kiosks

You can use Smart+Connected Spaces kiosks to search for workspaces and check in to them. Additionally, the kiosk web portal provides you with the option to check out from workspaces. For more information, see the “[Understanding the Kiosk Interface](#)” section on page 2-28 in [Chapter 2](#), “[Collaborating by Using Meeting Spaces](#)”.

- [Searching for Workspaces Using Kiosks](#), page 3-12
- [Checking In Using Kiosks](#), page 3-13
- [Checking Out Using the Kiosk Web Portal](#), page 3-14

## Searching for Workspaces Using Kiosks

To search for workspaces by using a kiosk, perform the following steps:

- 
- Step 1** Tap the **Search** tab on the kiosk.
- The tab details area displays the Facilities, People, Workspaces, and Conference/Telepresence Rooms search panes.
- Step 2** In the Facilities pane, tap inside the Building field and choose a building. Choose a floor from the drop-down list that appears after you choose the building. This is required because the workspace is searched for only in the selected building and floor.
- Step 3** In the Workspaces pane, tap inside the Name/ID field. Enter the name or ID of the workspace that you want to search for and tap **Search**. (Alternatively) Tap **Search** without entering any data in the Name/ID field to view the list of all of the workspaces on the floor.

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The search results appear in place of the floor plan and display the workspace icon, workspace type, floor where it is located, locate icon, and the Check-In button.

**Step 4** Tap the locate  icon in the result view.

The floor plan appears with a dialog box showing the exact location of the workspace. The dialog box displays the workspace name/ID, availability status, and the Cancel button. Tap the **Check-in** button to check into the workspace. The Check-in button is displayed only for the available workspaces.

**Step 5** (Alternatively) Tap the **Check-In** button in the result view to directly check into the workspace.

The updated floor plan appears with the workspace shown in red indicating that it is occupied. Tapping the workspace opens a dialog box that shows the room name/ID, the room status as 'Occupied', and your details. Tap **Cancel** to close the dialog box.

## Checking In Using Kiosks

After you check into a workspace or an office, the icon for that workspace or office appears in red in the floor plan displayed on the kiosk indicating that it is occupied. If you or another employee taps on the workspace or office in the floor plan, the dialog box shows that you have occupied the workspace or office. Details such as your photograph (if available), user ID, designation, and the team to which you belong are displayed.

To check into a workspace or an office, perform the following steps:

**Step 1** Tap the **Workspaces** or the **Offices** tab on the default view (the floor plan and the details of the location where the kiosk is placed) depending on whether you want to occupy a workspace or an office.

The list of workspaces or offices appears. It displays the following details:

- Vacant, Occupied, and Available Soon—The number of reservable workspaces or offices with each of the three statuses are displayed with a green icon for available, red for occupied, and yellow for the workspaces or offices that will be available soon.
- List of Workspaces or Offices—All of the workspaces or offices on the floor are listed. The workspace or office name and the status is displayed for the available workspaces or offices. For the occupied workspaces or offices, the employee name, ID, and the photograph of the occupier (if available), and Cisco Jabber status icon is also displayed. For the workspaces or offices that cannot be reserved, the grey icon and the status 'Not Reservable' is displayed.

All of the workspaces or offices get highlighted in the floor plan and the conference/TP rooms appear dimmed.

**Step 2** (Alternatively) Navigate to another floor in the building where you want to check in by using the floor navigation button and tap the **Workspaces** or **Offices** tab. If you want to check into a workspace or office in another building, navigate to the building using the Search tab and then tap the **Workspaces** or **Offices** tab to check into the required workspace or office.

**Step 3** Tap and drag the list to scroll it and tap any available workspace or office.

A dialog box appears in the floor plan indicating where the workspace or office is located. It displays the workspace or office ID and the status 'Available' along with a green icon indicating availability. The Check-in, Route, and Close buttons are also displayed.

**Step 4** Tap **Check-in** in the dialog box.

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- Step 5** Enter your employee ID or user ID (as enabled by the administrator for checking in using kiosks) and your kiosk PIN in the dialog that appears, using the onscreen keyboard. (Optional) You can swipe your badge to check in.



**Note** Either the badge swipe or the kiosk PIN option is available depending on what is configured by your administrator.

A dialog box confirming the check in appears and displays the following:

- Your photograph (if available) and name.
- Name of the workspace or office and the floor that you have checked into.

## Checking Out Using the Kiosk Web Portal

Checking out of the workspace or office makes it available for other users and displays it in green on the floor plan to indicate availability. The check out can be either automatic, thorough the Smart+Connected Spaces kiosk web portal, the web portal for workspaces, or a Cisco IP Phone. When you are checked out, the Recent Activities list displays this activity and shows the place and time of the check out.

You are automatically checked out of a checked in workspace or office when you check into another workspace or offices. The Recent Activities list shows the details the latest workspace or office that you have checked into without displaying any information about the check out from the previous workspace or office.

You are automatically checked out of a checked in workspace or office after the lapse of a specific time period that has been configured by the Smart+Connected Spaces administrator. The workspace or office becomes available again and the Recent Activities list displays the details of your check out from the workspace or office.

## Using Cisco IP Phones

- [Checking In Using a Cisco IP Phone, page 3-14](#)
- [Checking Out Using a Cisco IP Phone, page 3-15](#)

## Checking In Using a Cisco IP Phone

To check in to a booked workspace or office by using a Cisco IP Phone available at the workspace or office, perform the following steps:

- Step 1** Access the Smart+Connected Spaces Services menu on the Cisco IP Phone.

The Cisco IP Phone home page appears. For more information on using Cisco IP Phone, see the [“Using Cisco IP Phones”](#) section on page 2-51 in Chapter 2, [“Collaborating by Using Meeting Spaces”](#).



**Note** If you have no booking for the workspace or office at the given time, the Cisco IP Phone prompts you to visit (<http://host-name:port/ipsapp>) from your web browser to create a booking first.

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In the **Check In** field, enter your user ID and TPIN that you received via email at the time of booking, and tap **Check In**.

The system validates your credentials, and the Cisco IP Phone checks you in to the workspace or office. The page displays your location, the booking time period, and the description of your booking.



**Note** If the chosen workspace is already booked by another user, the Cisco IP Phone denies access.

If required, you can edit the service preference settings in your checked-in workspace or office by clicking the Change Settings button. For example, for lights control, blinds, or air conditioner. These settings are applicable only during the current meeting duration. For more information, see the [“Customizing the Workspace or Office Settings”](#) section on page 3-17.

## Checking Out Using a Cisco IP Phone

To check out from your currently checked-in workspace or office using a Cisco IP Phone, tap the  checkout icon. A checkout confirmation message indicating a successful check out appears.

## Personalizing a Workspace or Office

You can personalize your workspace or office settings by setting your preference for the available building system services, such as for dimmers, air conditioner, light setting controls, digital signage, and blinds. Your personal preference settings are saved as a profile that you can choose to be activated when you check in to a workspace or office.

- [Adding Preferences, page 3-15](#)
- [Editing Preferences, page 3-16](#)
- [Deleting Preferences, page 3-16](#)
- [Managing Signage Content, page 3-16](#)

## Adding Preferences

To add a preference, perform the following steps:

**Step 1** In the home page of the web portal for workspaces, click the **Preferences** tab.

The list of Saved Preferences appears in the left pane, and the right pane displays the preference setting details.



**Note** If you want to make a particular preference profile your default preference, check the **Make this my default preference** check box.

**Step 2** Click **Add a New Preference**.

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- Step 3** Enter a name in the **Preference Name** field.
- Step 4** To set your preferences, click either the **Open** or **Close** radio button for blinds, and click either the **On** or **Off** radio buttons for the lights control and digital signage, and drag the slider to adjust the brightness percentage for the dimmer, and the temperature for the air conditioner, as desired.
- Step 5** Click **Save Preference** to save your new preference.  
A confirmation message stating that the new preference is added appears.
- 

## Editing Preferences

To edit an existing preference, perform the following steps:

- Step 1** In the home page of the web portal for workspaces, click the **Preferences** tab.  
The Preferences page appears.
- Step 2** In the left pane, select the preference profile that you want to edit, and change the preference settings in the right pane.
- Step 3** Click **Save Preference** to save the edited preference profile.
- 

## Deleting Preferences

To delete an existing preference profile, perform the following steps:

- Step 1** On the home page of the web portal for workspaces, click the **Preferences** tab.  
The Preferences page appears.
- Step 2** In the left pane, select the preference profile that you want to delete, and click **Delete** in the upper right corner.  
A confirmation message asking you to confirm the deletion appears.



**Note** You cannot delete a preference profile that is associated with a booking.

---

- Step 3** Click **Yes** to delete the preference.
- Step 4** (Optional) Click **No** to cancel the deletion.
- 

## Managing Signage Content

The Digital Signage Settings feature allows you to manage the content that you want to display at your workspace or office, such as images, messages, and the layout. For example, the photographs on a digital signage.

- [Types of Digital Signage Layouts, page 3-17](#)

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- [Enabling and Adding Digital Signage, page 3-17](#)

### **Types of Digital Signage Layouts**

The content that you add for the digital signage can be displayed based on the layout that you choose while adding this content.

The types of layout available are as follows:

- News Centric
- Photo Centric
- Schedule Centric
- Notes Centric
- Minimalistic Centric

The New Centric, Photo Centric, Notes Centric, and Minimalistic layouts allow you to add RSS feeds, notes, and images. While the Schedule Centric layout allows you to display your upcoming meeting schedule, along with the RSS feeds, notes, and images. By default, all of these layouts display the current time, date, and location.

### **Enabling and Adding Digital Signage**

To enable digital signage and add digital signage content, perform the following steps:

- 
- Step 1** Choose the **Preferences > Digital Signage Settings** tab.  
The Digital Signage Settings page appears.
- Step 2** Click the type of layout in the Layout Types pane.  
The corresponding layout is displayed in the left pane.
- Step 3** In the Slideshow pane, click **Add** and then click **OK** in the confirmation dialog box that appears.  
The Browse field appears.
- Step 4** Click **Browse** to search for the appropriate images from your local system.
- 
-  **Note** You can delete the added slideshow image by clicking the delete  icon in the Slideshow pane.
- 
- Step 5** Enter the URL for the RSS (Real Simple Syndication) feed that you want to subscribe to in the Enter Feed URL field in the RSS Reader pane.
- Step 6** Enter the notes in the Notes pane.
- Step 7** Click **Save this Display** to save the settings, otherwise click **Reset to Previous** to cancel the new settings.
- 

## **Customizing the Workspace or Office Settings**

You can customize your workspace or office settings using either two channels:

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- [Using the Web Portal, page 3-18](#)
- [Using a Cisco IP Phone, page 3-18](#)

## Using the Web Portal

After you check in to the workspace or office at the scheduled time, you can customize your workspace or office settings by updating your preference details by using the web portal. The new preference settings are applicable only during the duration of the current meeting. It will not be saved as a preference profile for future reference.

To customize your workspace or office settings using the web portal, perform the following steps:

- 
- Step 1** On the home page of the web portal for workspaces, click **Check In** to check in to your workspace or office at the scheduled time.
- The Checkin page appears with the booking description, and the details of your preference.
- Step 2** Click **Change Settings**.
- Step 3** If you want to customize your workspace or office settings, click either the **Open** or **Close** radio button for blinds, and the **On** or **Off** radio buttons for the lights control and digital signage, and drag the slider to adjust the brightness percentage for the dimmer, and the temperature for the air conditioner, as desired.
- Step 4** If you want to apply your Digital Signage preference settings in your workspace or office, click the **Digital Signage Settings** tab, and click **Activate Now**.
- 

## Using a Cisco IP Phone

After checking in, you can edit your workspace or office settings using a Cisco IP Phone.

To customize your workspace or office settings using a Cisco IP Phone, perform the following steps:

- 
- Step 1** Access the Smart+Connected Spaces Services menu on the Cisco IP Phone.
- Step 2** Check in to your workspace or office at the scheduled time.
- Step 3** Tap the icon corresponding to the service that you want to customize for your workspace, for example, tap the  icon for light, the  icon for air conditioner, and so on.
- The corresponding options appear for adjusting the settings.
- Step 4** Select the light intensity or the temperature from the options, as desired.
- 

## Raising a Case

You can raise a case only through the Cisco IP Phone if you face any issues while using your booked workspace or office and availing yourself of the services. For example, non-functioning lights control or air conditioner in your workspace or office.

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To raise a case, perform the following steps:

- 
- Step 1** Access the Smart+Connected Spaces Services menu on the Cisco IP Phone.  
The Cisco IP Phone home page appears.
- Step 2** Tap the services icon.  
The list of saved Service names appears.
- Step 3** Choose **S+CC** and enter the TPIN that you received via email during the time of booking.
- Step 4** Tap the raise case  icon.  
The Fault Input page that appears displays a list of predefined fault messages.
- Step 5** Tap the appropriate fault message.  
An email notification is sent to the administrator, along with a copy to you, with the following details:  
Details, Ticket ID, Name, and Operational Category.
-

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## Working with Smart+Connected Spaces Signage

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This chapter describes the tasks that you can perform by using and the content that you can access using the Cisco Smart+Connected Spaces (Smart+Connected Spaces) signage.

- [Smart+Connected Emergency Notification Content, page 4-1](#)
- [Smart+Connected Information Signage Content, page 4-3](#)
- [Smart+Connected Green Advisor Content, page 4-4](#)

### Overview

You can use signage to perform the following tasks:

- Book conference/TP rooms.
- View detailed floor plans with the locations of the conference rooms.
- View the conference room schedule in different views—Building level, Floor level, and Conference Room level.

For more information, see [Chapter 2, “Collaborating by Using Meeting Spaces”](#).

- Cisco Smart+Connected Emergency Notifications (Smart+Connected EN)—Displays the notifications and exit routes on the signage in times of an emergency and sends audio and visual notifications on the Cisco IP Phones during a crisis.
- Cisco Smart+Connected Information Signage (Smart+Connected IS)—Displays the general information and news on the signage.
- Cisco Smart+Connected Green Advisor (Smart+Connected GA)—Displays energy consumption data, energy saving tips, and green information.

### Smart+Connected Emergency Notification Content

The Smart+Connected Emergency Notification (EN) (building signage, floor signage, or conference room signage) at a particular location can be used to send messages in times of an emergency or crisis. Life-saving information such as evacuation routes, audio notifications, warnings, and instructions can be sent out to the signage and the Cisco IP Phones. The Smart+Connected EN content instructs you on the necessary steps that you need to take in the case of an emergency. It also displays the nearest emergency exits, fire extinguishers, and so on that you need to use during an emergency or crisis.

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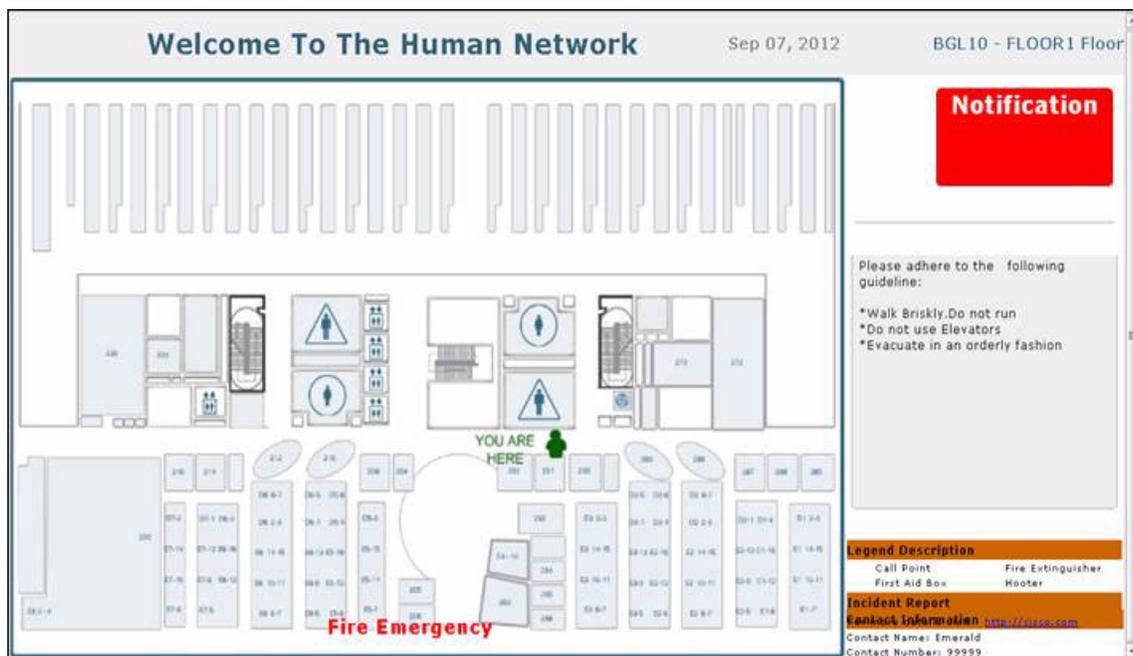
The Smart+Connected EN content also provides other useful information such as the emergency contact details.

The Smart+Connected EN is an alert or a notification. The difference between an alert and a notification is explained in the following example:

For example, if there is a fire in one of the buildings in a company, the content displayed on the signage in the building is an alert to warn the employees of the danger and provide exit routes. In all other buildings within the campus, the Smart+Connected EN notification informs the employees about the danger. Another example of the notification is the content displayed for a fire evacuation drill.

- [Content Display on Signage, page 4-2](#)
- [Notifications on Cisco IP Phones, page 4-3](#)

**Figure 4-1 Smart+Connected EN Display**



## Content Display on Signage

The Smart+Connected EN content is displayed continuously and concurrently on the signage until it is disabled. It includes the following elements:

- Current Date
- Floor plan with a location indicator to show where you are, and the path to the nearest exit.
- The Smart+Connected EN message is displayed at the bottom of the screen.
- The sound file associated with the visual content is played.

The sound can be played on the signage only if the audio cable from the DMP has been connected to the digital signage.

If the emergency incident has been raised with an option to show the incident report, then on touchscreen-enabled signage, you can navigate to the incident report URL to get further information on the incident.

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**Note**

When the Smart+Connected EN is enabled for a signage, all other content is overridden. After the Smart+Connected EN is disabled, the signage display returns to its standard content.

## Notifications on Cisco IP Phones

Apart from touchscreen and non-touchscreen signage, the Smart+Connected EN content is also displayed on Cisco IP Phones, and it includes an image and an audio warning. The image file displays the emergency message text, while the sound from the audio file is played on the Cisco IP Phone.

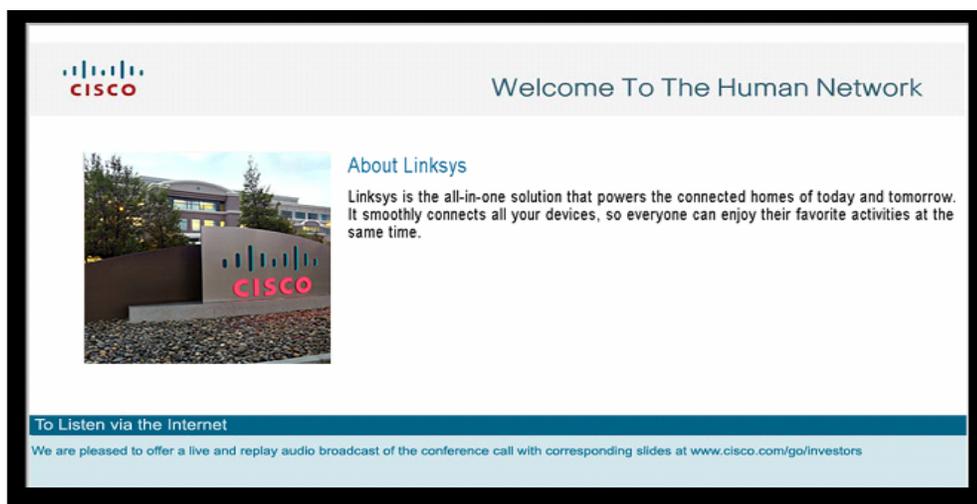
## Smart+Connected Information Signage Content

The Smart+Connected Information Signage (IS) (building signage, floor signage, or conference room signage) at a particular location is used to disseminate news and other information considered useful for consumers. For example, content that is relevant for the entire organization, such as the annual performance, the financial results, and so on, can be displayed on all three types of signage at all of the locations. The events and occurrences that concern a particular building, floor, or conference room can be selectively displayed only on the signage associated with that particular location. If the employees on a particular floor are expected to attend a gathering on the same floor, the news announcing the event and requesting their presence can be displayed only on the floor signage and the conference room signage present on that floor.

The news or information that appears on the digital signage can be created by the administrator or a content author by using the rich text editor that is available within the solution. Alternatively, the content can also reside externally (in an intranet or external website).

The touchscreen and non-touchscreen signage at a location, displays the configured content only if it has been enabled for that location. The content on the digital signage changes based on the content sequence that is configured by the administrator. If multiple news stories are enabled for a location, then the content is displayed one after the other for a specified duration. The order of the appearance of the content is based on the content creation date and time.

**Figure 4-2** News Display



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## Smart+Connected Green Advisor Content

The Smart+Connected Green Advisor (GA) is used to display the key energy usage and energy savings data for a location or building, in addition to energy performance reports, energy saving tips, green news and updates, eco-friendly practices, and so on. As an end-user accessing the data, you have increased awareness about how you can assist in reducing the overall energy usage, and the carbon footprint of the building.

The display can include any or all of the following main content widgets:

- Energy Consumption
- Savings
- Carbon Emission
- Gas Usage
- How can you help
- Energy Consumption by Usage Type
- Water Usage
- Cisco TelePresence
- Did You Know

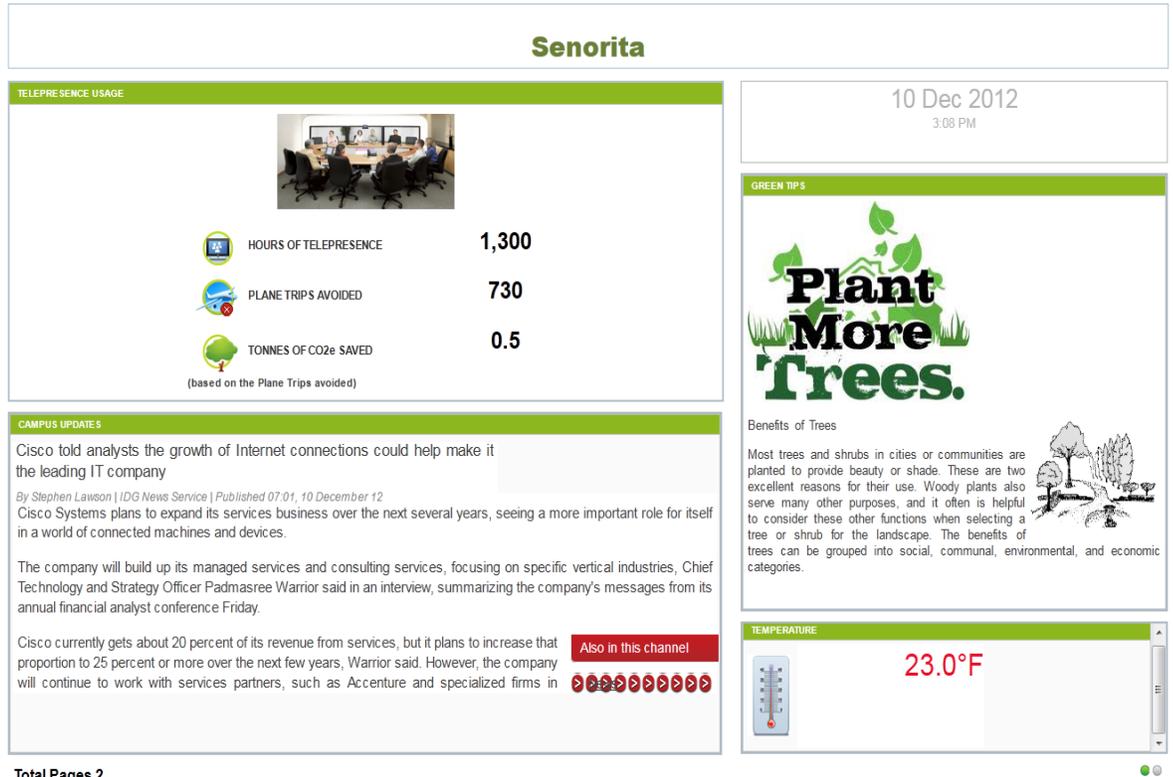
If the administrator has selected more than one main widget, each of them is displayed as a separate page one after another.

The following fixed content widgets are displayed on all pages:

- Temperature
- Green Tips
- Campus Updates

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**Figure 4-3 Smart+Connected GA Display**



The touchscreen and non-touchscreen signage at a location, displays the Smart+Connected GA content only if it is enabled for that location. The Smart+Connected GA content view cycles through other displays enabled for the signage by the administrator.

If the Smart+Connected GA content has multiple pages, the display cycles through all of the pages in a sequence in which they have been added by the administrator before the view changes to any of the other items as configured in the content sequence.

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