



Release Notes for Cisco Smart+Connected Meeting Spaces™ Release 2.1 .1

Release Month: September, 2013

Part Number:OL-30292-01

Contents

This document describes the features, system requirements, and open caveats for the Cisco Smart+Connected Meeting Spaces (Smart+Connected MS), Software Release 2.1.1. Use this document in conjunction with the documents listed in the [“Related Documentation” section on page 8](#).

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Introduction

The Smart+Connected MS is a solution that leverages the Cisco Service Delivery Platform (SDP). The solution allows you to easily access information about conference/TelePresence (TP) rooms and the enterprise by using digital signage/IEC, Cisco IP phones, and the web portal. For example, you can easily view information, such as meeting details, news, energy consumption data, energy saving tips, and so on.

The application also allows you to book conference/TP rooms instantly using touchscreen signage, room panels, and Cisco IP phones, manage conference room resources, and report the issues, if any, in the conference rooms. The automatic energy saving settings lead to reduced power consumption and contribute to the eco-friendly policies of the organization. In case of any mishaps, emergency notifications are sent out to the users through Cisco IP phones and signage.



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The Smart+Connected MS solution leads to enhanced enterprise communication as the updated meeting room information is widely available and easily accessible to employees. It also leads to better resource management and energy savings which translate to reduced energy bills and more environment-friendly corporate practices.

The Smart+Connected MS solution allows you to do the following:

- Using Digital Signage/IEC
 - 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.
 - Cisco Smart+Connected Emergency Notifications™ (Smart+Connected EN)—Displays the notifications and exit routes on the digital 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 digital signage.
 - Cisco Smart+Connected Green Advisor™ (Smart+Connected GA)—Displays energy consumption data, energy saving tips, and green information.
- Using Kiosks
 - Book conference rooms and TelePresence rooms.
 - Check into any available workspace.
 - View the overall conference/TelePresence room and workspace availability on all the floors of all the buildings in the organization and book/check into any of these spaces.
 - View the neighborhoods/zones on a floor.
 - Access the floor plans for any building in the enterprise to view the locations and availability of the conference room/TelePresence rooms and workspaces.
 - Search for the available conference rooms and TelePresence rooms based on your requirements such as the features available, seating capacity, location, and time and book them.
 - Search for the people within the enterprise.



Note You can also perform all these tasks by using the kiosk web portal and the MS web portal.

- Using Kiosk Web Portal

In addition to the above mentioned features that you can access using kiosks, you can do the following:

- Locate the workspace you have checked into.
- View the building, floor, and name of the workspace you have checked into.
- Choose not to display your current check in location.



Note This option is available only if it is configured by the administrator.

- Check out from the workspace that you have occupied.
- Login and logout of the kiosk web portal.

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- Using IP Phones
 - Quickly book the conference room wherever the IP phone is located based on the room availability.
 - Control the meeting room devices and equipment.
 - Save energy by manually releasing a room for the duration it is unoccupied, in addition to the energy savings made when the solution automatically switches off devices.
 - Configure multiple devices to suit your meeting and presentation needs using a single menu option.
 - Create a case to notify the facilities team of any issues/problems that might be present in the conference room, and convey the same to the others in the organization by sending messages to the Cisco IP phone in the conference room. Once the case is created, the facilities team of the building can try to resolve the fault.
- Using the Smart+Connected MS user portal
 - Search for the available conference/TP rooms based on your requirements such as room setup, room size, location, and so on and book them. Rooms that closely meet your search criteria are displayed if no exact match is found.
 - View the current and upcoming meetings that you are part of or have organized.
 - Accept, decline, or tentatively accept meeting invites.
 - View all the scheduled meetings as a day, week, or month based calendar view.
 - Book conference rooms easily by holding down the mouse key and dragging across the required time slot in the calendar view.
 - Book conference rooms instantly using the Quick Booking option. Reservation is made simpler as you can key in the number of participants. Booking duration options range from 30 (the default duration) to 60 minutes. Location is by default the one specified in your Preferences.
 - Use the detailed booking option where you can request for change in the room setup, book equipment, add meeting agenda and notes, and so on.
 - Edit the details of the meetings you have organized.
 - Save drafts of the bookings and edit them later.
 - Save your preferred settings such as favorite rooms, location, and time zone.
- Using Room Panels
 - View the conference/TelePresence room schedule and availability/occupancy status.
 - Book conference/TelePresence rooms.
 - Confirm conference/TelePresence room occupancy.
 - Release conference/TelePresence rooms.

In addition, the solution can help in energy savings by automatically switching devices to a standby mode when the meeting room is unoccupied and based on the configuration, turn them back on before the actual occupancy.

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System Requirements

Before installing the application, ensure that your system meets the necessary requirements.

Table 1 System Requirements

| Item | Supported Configurations |
|--|---|
| Operating System | Red Hat Enterprise Linux (RHEL) 5.5 (64-bit) or 6.3 (64-bit) |
| Hardware - For Application Server and Database Note: <ul style="list-style-type: none"> This requirement is for one VM (for example, colocated) or one physical machine. For a non-cluster setup, you need two VMs—one for the application server and another for the database. Also, each VM must meet the requirements that are mentioned here. For a cluster setup, the hardware requirements are based on the deployment scenario and user requirements. | Minimum requirements are: <ul style="list-style-type: none"> Hard Disc Space—200 GB RAM—Minimum configuration of 4 GB or above Processor <ul style="list-style-type: none"> 2 vCPU dual core for Virtual Machine (VM) Intel x86/II386 Architecture for physical machines Certified on Cisco UCS B-Series and C-Series with Intel CPUs. |
| Crestron A/V integration (if applicable) | <ul style="list-style-type: none"> Separate host or VM with Windows 2008 R2 Standard SP1 or Windows 7 IIS 7.5 with .NET framework 3.5 or higher |
| Browser | <ul style="list-style-type: none"> Mozilla Firefox Versions 18.0.x Microsoft Internet Explorer Version 9.0 Google Chrome Version 24.0 and 26.0 |
| Database | Oracle Enterprise Edition 11g R2 (11.2.0.2) with character set configured to UTF8 For more information on how to install the Oracle database, see the Oracle documentation. |
| Application Server | JBoss 6.0 |
| Java Development Kit (JDK) | Oracle JDK 1.6.0_24 |



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Table 1 System Requirements (continued)

| Item | Supported Configurations |
|-------------------|--|
| Exchange Server | <ul style="list-style-type: none"> • Microsoft Exchange Server 2007 SP3 • Microsoft Exchange Server 2010 SP1, SP2 <p>Exchange Web Services (EWS) integration is supported using only the BasicAuth authentication scheme. This needs to be configured in the Microsoft Internet Information Services.</p> <ul style="list-style-type: none"> • For conference room mailboxes, 'AutomateProcessing' property must be set to 'AutoAccept' so that recurring meeting updates are sent correctly to the solution through notifications. • For user mailboxes, 'AddOrganizerToSubject' and 'DeleteSubject' must be set to \$false. If this is not done, then the meeting organizer name appears in the Subject field instead of meeting subject. <p>Impersonation rights are required on the conference room mailboxes and user mailboxes for the service account. This allows the service account to connect to the Exchange server and retrieve meeting details from the conference room mailboxes and the user mailboxes.</p> <p>For more information on Exchange impersonation, see:</p> <ul style="list-style-type: none"> • Exchange 2007: http://msdn.microsoft.com/en-us/library/bb204095(EXCHG.80).aspx • Exchange 2010: http://msdn.microsoft.com/en-us/library/bb204095.aspx |
| Trouble Ticketing | BMC Remedy Version 7.5 |
| Audio/Visual | <p>The certified Crestron controllers that have been tested with the .NET SDK are:</p> <ul style="list-style-type: none"> • MC2E (one controller for one projector) • PRO2 (one controller for two projectors) <p>However, the Crestron Control System with Ethernet port supports the Crestron .NET SDK, and therefore can be integrated with the solution.</p> |
| Mediation Gateway | Tridium with Obix Versions 3.5.34, 3.7.x |

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Table 1 System Requirements (continued)

| Item | Supported Configurations |
|---|---|
| Digital Media Player (DMP) | DMP 4400: <ul style="list-style-type: none"> • Firmware 5.1 for http • Firmware 5.2 for https • Firmware 5.3 for https |
| Cisco Interactive Experience Client (IEC) | IEP-4632-HW-K9: <ul style="list-style-type: none"> • Firmware 4.155.393 |
| Digital Media Manager (DMM) | Version 5.2.1 |
| Digital Signage | <ul style="list-style-type: none"> • 42 inch • 47 inch • 55 inch  <p>Note Ensure that the aspect ratio of the signage screens is 16:9.</p> |
| Touchscreen | <p>The Smart+Connected MS & DS application is certified on the eLO Touchscreen APR technology model. However, DMP 4400G also supports other touchscreen overlays.</p> <p>For more information on other touchscreen overlays of DMP 4400G, see:</p> <p>http://www.cisco.com/en/US/docs/video/digital_media_systems/dmscompat3.html#wp1100911</p>  <p>Note For information about the touchscreen models supported for IEC, see:</p> <p>http://www.cisco.com/en/US/products/ps12435/products_data_sheets_list.html.</p> |
| IP Phone Model | <ul style="list-style-type: none"> • Touchscreen: 7975 and 9971 • Non-Touchscreen: 7962 and 9951 |
| Call Manager | <ul style="list-style-type: none"> • Cisco Call Manager Version 7.1 • Cisco Call Manager Version 8.x • Cisco Call Manager Version 9.x <p>The audio notification feature does not work with Cisco Call Manager 7.1.</p> |
| Emergency Notification System | <ul style="list-style-type: none"> • Cisco JTAPI • Singlewire InformaCast |

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Table 1 **System Requirements (continued)**

| Item | Supported Configurations |
|---------------------------------|--|
| LDAP | <ul style="list-style-type: none"> • Active Directory <ul style="list-style-type: none"> – Windows 2008 Version 6.0 – Windows 2003 Version 5.2 R2 |
| Service Delivery Platform (SDP) | Cisco SDP 2.0.2 |
| Language | U.S. English The Smart+Connected MS & DS application provides multi-language support. Although U.S. English is the language that is supported out-of-the-box, other languages can be supported by doing necessary configurations. |

New Features

Smart+Connected MS, Software Release 2.1.1, provides support for the following new features:

- Reservation of conference/TelePresence rooms and workspaces using kiosks.
- Reservation of conference/TelePresence rooms using room panels.
- Support deployment of the solution on the Oracle database and JBoss application server.

Limitations

Smart+Connected MS, Software Release 2.1.1 has the following limitation:

- If the meeting organizer reserves two meeting rooms in a single meeting with identical subject, start time, and end time, then both the rooms are released although the organizer releases only one of the room.

Open Caveats

[Table 2](#) lists the open caveat applicable to Smart+Connected MS, Software Release 2.1.1.

Table 2 **Open Caveat**

| Caveat ID Number | Description |
|------------------|--|
| DE1354 | The recent activities pane displays the list of recent activities in an unaligned manner because the user profile photograph does not fit in the defined dimensions. |

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Related Documentation

- *Cisco Smart+Connected Meeting Spaces User Guide*
- *Cisco Smart+Connected Spaces User Guide*
- *Cisco Smart+Connected Meeting Spaces Installation Guide*
- *Cisco Smart+Connected Meeting Spaces Administrator Guide*
- *Cisco Smart+Connected Meeting Spaces Customization Guide*
- *Cisco Service Delivery Platform Installation Guide*
- *Cisco Service Delivery Platform User Guide*

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