



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

Release Month: May, 2013

Part Number: OL-29059-01

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. Use this document in conjunction with the documents listed in the [“Related Documentation” section on page 7](#).

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Introduction

The Smart+Connected MS is a solution that leverages the Cisco Service Delivery Platform (SDP). It provides features for conference room management and signage-based messaging using IP phones. The Smart+Connected MS leads to enhanced user experience, enhanced enterprise communication, and enhanced meeting room resource utilization as the updated meeting room information is widely available and easily accessible to the employees and the administrator. It leads to better resource management and energy savings that 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
 - Book conference rooms.
 - View detailed floor plans with locations of conference rooms.



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- View the conference room schedule in different views—Building level, Floor level and Conference Room level.
- View the news content associated with the location.
- 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 resolve a fault in a conference room, and convey the same to the others in the organization by sending messages to the IP phone in the room. Creating a case notifies the administrator of the building who tries to resolve the fault.
- Using the Smart+Connected MS user portal
 - Search for available conference rooms and book them.
 - View the current and upcoming meetings that you are part of or have organized.
 - Accept, decline, tentatively accept meeting invites.
 - View all the scheduled meetings as a day, week, or month based calendar view.
 - Book conference rooms easily by 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 bookings and edit them later.
 - Save your preferred settings such as favorite rooms, location, and time zone.

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.

As an administrator, you have to manage the overall configuration, maintenance, and content creation for the Smart+Connected MS solution through the admin web portal. You have to authenticate and authorize the solution and the web calendar for the users and the locations, add location and locations types, add devices and device types, and add properties for the locations and the devices in the SDP. For more information on performing these tasks, see the *Cisco Service Delivery Platform Administrator Guide* and *Cisco Service Delivery Platform Installation Guide*. After the locations are added, and the devices are associated to them in the SDP, they are available in the Smart+Connected MS portal. You can select a location and associate a configuration to it. The features such as fault messages, device control options, signage menu messaging, and room booking that are added to the configuration can be accessed by the end user from the Cisco IP phones at the location.

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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) and 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 | WebLogic Server 11g (10.3.6) |
| 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 mailboxes, ‘AutomateProcessing’ property must be set to ‘AutoAccept’ so that recurring meeting updates are sent correctly to the solution through notifications. • For mailboxes, ‘AddOrganizerToSubject’ and ‘DeleteSubject’ must be set to \$false. If this is not done, then the meeting organizer name appears in the in the Subject field instead of meeting subject. <p>Impersonation rights are required on the resource mailbox for the service account. This allows the service account to connect to the Exchange server and retrieve meeting details from the resource mailbox.</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 |
| Digital Media Player (DMP) | <p>DMP 4400:</p> <ul style="list-style-type: none"> • Firmware 5.1 for http • Firmware 5.2 for https • Firmware 5.3 for https |

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Table 1 **System Requirements (continued)**

| Item | Supported Configurations |
|---|---|
| Cisco Interactive Experience Client (IEC) | IEP-4610/4632-HW-K9: <ul style="list-style-type: none"> • Firmware 4.155.393 |
| Digital Media Manager (DMM) | Version 5.2.1 |
| Cisco Digital Signage | <ul style="list-style-type: none"> • 42 inch • 47 inch • 55 inch |
| Touchscreen | The Smart+Connected MS & DS application is certified on the eLO Touchscreen APR technology model. However, DMP 4400G also supports other touchscreen overlays. For more information on other touchscreen overlays of DMP 4400G, see: http://www.cisco.com/en/US/docs/video/digital_media_systems/dmscompat3.html#wp1100911 |
| 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> |
| 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 • RHEL 5.5 OpenLDAP - 2.3.43.12 |
| Service Delivery Platform (SDP) | Cisco SDP 2.0.2 |
| Language | U.S. English <p>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.</p> |

New Features

Smart+Connected MS Release 2.1, provides support for the following new features:

- Reservation of meeting spaces and TelePresence rooms using the web portal
 - Creating, updating, deleting, accepting and declining normal, recurring, and WebEx meetings. Unlike Outlook, the booking is much faster based on the availability of the room.

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- Choosing the favourite rooms, changing the timezone and locale, and adding the preferred location using the Preferences tab.
 - Searching for the available rooms based on criteria like date, location, room size, and devices such as TP, projector and so on. If no rooms are available during the specified time, the rooms which will be available in the near future are displayed. The application also smartly suggests rooms even if the available rooms do not match some or none of the specified criteria.
 - Choosing a meeting room setup type. For example, auditorium, classroom, and conference. The room setup and de-setup requests are sent to the facilities administrator.
 - Adding external attendees for the meetings, in addition to the attendees from within the organization.
 - Maintaining confidentiality of the meeting with just a click of a button. Details of the confidential meetings are not displayed on digital signage.
 - Ordering equipment while creating the meeting such as projector, whiteboard and so on.
 - Viewing the availability calendar for rooms and participants using simple navigation.
 - Saving meeting drafts for future bookings.
 - Modifying the meeting room search parameters.
 - Denoting availability/non-availability of participants for the selected time slot with red/green bullets.
- Room Utilization report
 - Cisco Interactive Experience Client (IEC) Adapter—IEP-4610/4632-HW-K9:Firmware 4.155.393

Open Caveats

Table 2 **Open Caveats**

| Caveat ID Number | Description |
|-------------------------|---|
| DE352 | The WebEx meeting password gets displayed on the server console when you schedule a WebEx meeting using the web portal. |
| DE507 | Meeting invitees added using the Select Participants dialog box are retained even after you delete them in this dialog box. They get added to the Participants list from where you can delete them. |
| DE778 | For recurring meetings, no warnings appear for invalid duration. For example, you can go through the booking procedure as usual but no actual booking will happen if you choose monthly occurrence but give only one week gap between the booking start and end date. |
| DE835 | For recurring meetings, the room setup and de-setup time are not considered while displaying the search results. Hence, you will not be restricted from booking rooms during the time required to either setup or de-setup the room for consecutive bookings. |
| DE921 | Changing the preferences or updating a booking results in multiple booking links in the web calendar. These links get updated only after a while when the synchronization with MS Exchange calendar gets completed. |

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Table 2 **Open Caveats**

| Caveat ID Number | Description |
|-------------------------|---|
| DE927 | The Accept/Decline/Tentative options may not work properly when one or more occurrences in a recurring meeting are updated. |
| DE1013 | The user who wants to schedule a WebEx meeting using the Smart+Connected MS user portal should give permission to the WebEx admin to host WebEx meetings. This is done through the WebEx admin portal. |
| DE1017 | The Accept/Decline/Tentative option is only for the entire series of recurring meetings. Hence, clicking any of these buttons will result in an action that applies for all the occurrences. |
| DE1018 | Editing a recurring meeting to include a room setup validates the start date/time to the current date/time. Hence, to edit the series to include the room setup, you have to change the start date/time to the current date/time. |
| DE1019 | After deleting any occurrence in a series, if the time of any other occurrence (for which room setup is required) is updated, only the updated room de-setup request is sent to the facilities admin. The updated room setup request is not sent. |
| DE1023 | Search results or bookings will not work if the time slot chosen for the booking spans over midnight. For example, you cannot choose a booking slot between 11 pm and 12.30 am. |

Related Documentation

- *Cisco Smart+Connected Meeting Spaces Administrator's Guide*
- *Cisco Smart+Connected Meeting Spaces & Cisco Smart+Connected Digital Signage Installation Guide*
- *Cisco Smart+Connected Meeting Spaces User Guide*

This document is to be used in conjunction with the documents listed in the "Related Documentation" section.

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