Installation Guide

# NSS-RMS-PPC

## RMS PeopleCube Resource Scheduling Plug-in

Resource Management Suite

Initial Release: 10/14/2009

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# Table of Contents

RMS PeopleCube Resource Scheduler Interface ..... 1
Overview ..... 1
Installation Checklist ..... 1
Scheduling Plug-in Configuration ..... 3
Overview ..... 3
About Dialog ..... 4
RMS PeopleCube Plug-in Configuration Options ..... 5
Overview ..... 5
Server Connection ..... 5
Testing the Connection ..... 5
Settings ..... 6
Blackout Period ..... 6
Notifications ..... 7
Finish Configuration ..... 7
Room Configuration ..... 9
Overview ..... 9
Creating a Room Configuration ..... 9
Known Issues ..... 11

# RMS PeopleCube Resource Scheduler Interface

## Overview

The RMS PeopleCube Resource Scheduler Interface provides users with the ability to schedule RMS appointments through the PeopleCube Resource Scheduler database and display the reservation information on AMX touch panels. Users can create and modify appointments directly from AMX touch panels, which will then inform the PeopleCube Resource Scheduler database of the changes. This enables scheduled events to initiate system presets, and provide electronic signage capabilities through AMX touch panels.

The PeopleCube Resource Scheduler plug-in allows a room to access and read schedule information from the designated PeopleCube Resource Scheduler reservation list. It also allows users to walk up to a touch panel and create reservations on the PeopleCube Resource Scheduler database. For active appointments, appointments currently in session, a user can use the touch panel to request a meeting extension or to end a meeting earlier then the pre-scheduled end time to free up the room resource.

*The RMS PeopleCube Scheduling Plug-in supports a single PeopleCube database.*

To read schedule information from PeopleCube Resource Scheduler, the RMS PeopleCube Resource Scheduler Interface connects to the PeopleCube Resource Scheduler database and accesses the reservation information.

## Installation Checklist

| RMS PeopleCube Resource Scheduler Interface Install Checklist |
|---|
| • The PeopleCube Resource Scheduler programming interface SQL script must be applied to the Resource Scheduler system database prior to installing the RMS Resource Scheduler Plug-in.<br>To obtain this database update script and for assistance deploying this updated script to your Resource Scheduler database, please contact:<br>**PeopleCube**<br>*Telephone*: 1-800-282-7319<br>*E-mail*:help@peoplecube.com<br>*Website*: http://www.peoplecube.com |
| • Install the RMS Resource Scheduler Interface using RMSResourceSchedulerPlugin.exe, following the installation instructions. |
| • Create a reservation room for each schedulable room in Resource Scheduler. You can use a single Resource Scheduler reservation room or multiple rooms to accomplish this. See the Resource Scheduler documentation for more details on how to configure Resource Scheduler. |
| • In the Configuration Wizard, select External Appointment Management/Schedule System on the Scheduling page in the Welcome section. |
| • In the Configuration Wizard, configure the Scheduling Manager Service to run as the Local System account. |
| • In the Configuration Wizard, you must register and configure the PeopleCube Resource Scheduler Appointment Interface Plug-in on Scheduling page of the System Settings section. |
| **For Each Room in the RMS application:** |
| When adding a new room, after you click the **Save** button on the *Create New Room page*:<br>1) Fill in the *Location* and *Room* fields from the matching information in the Resource Scheduler database<br>2) Click the **Save** button to configure. |

# Scheduling Plug-in Configuration

## Overview

To use the RMS PeopleCube Resource Scheduler plug-in, it must first be registered. Only a single scheduling plug-in may be registered at one time. The plug-in configuration is performed in the Configuration Wizard under the System Settings, Scheduling node of the navigation tree (FIG. 1).

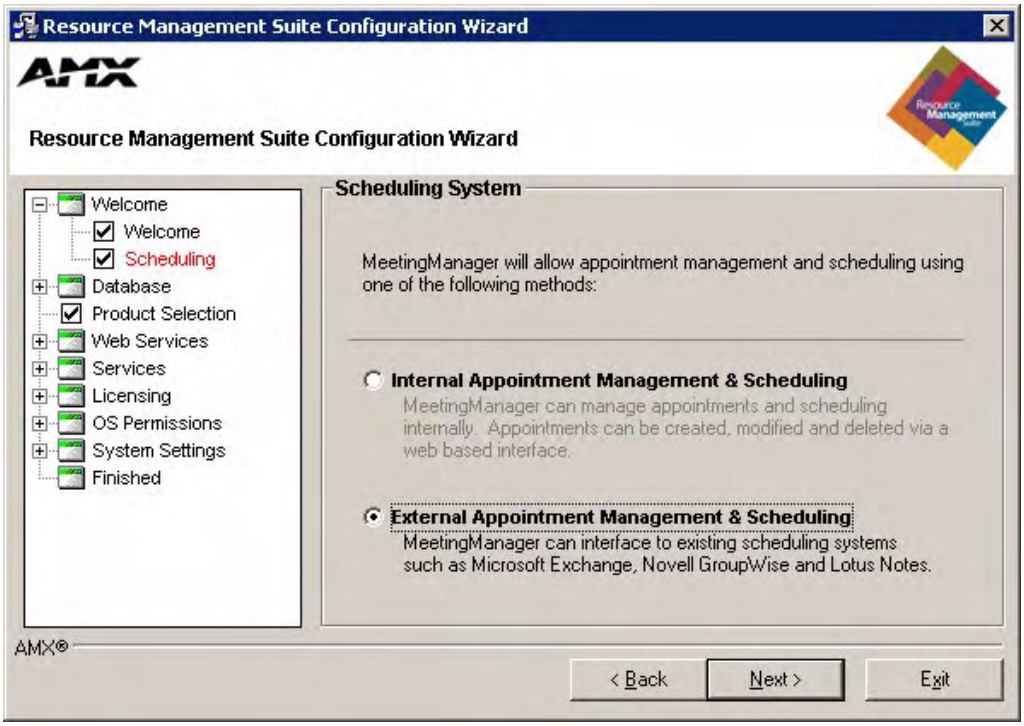


**FIG. 1** Scheduling System

NOTE

*The RMS application must be configured for External Scheduling Systems for the scheduling plug-in configuration dialog to be displayed.*

To register the RMS PeopleCube Resource Scheduler plug-in, place a checkmark in the box to the left of the entry in the scheduling plug-in list. This will automatically load the plug-in configuration dialog (FIG. 2).

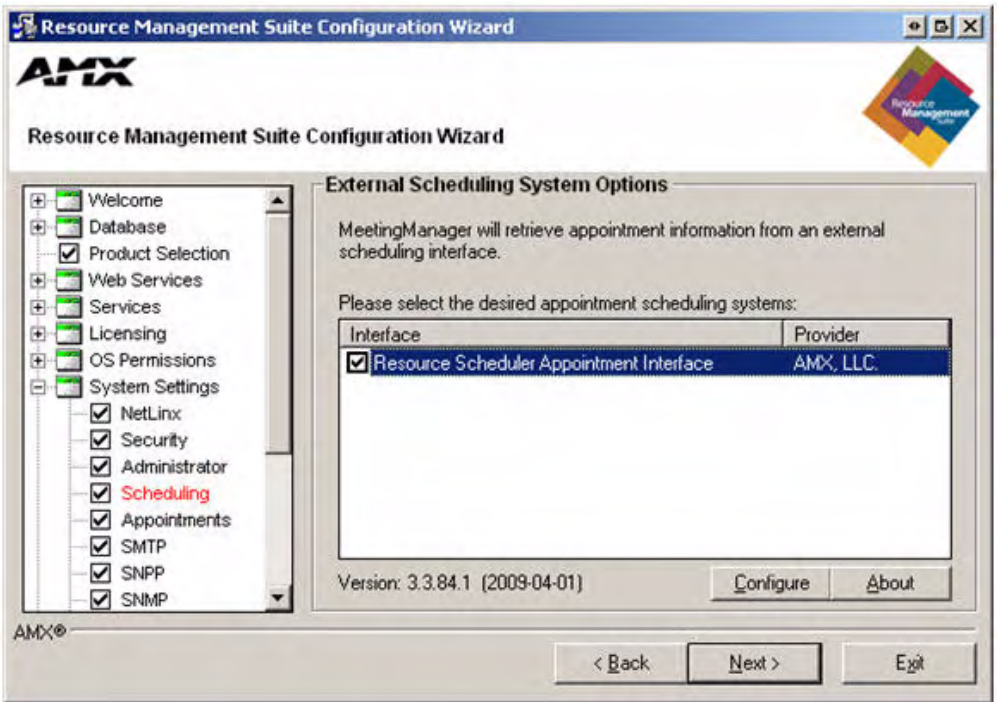


**FIG. 2** External Scheduling System Options

## About Dialog

The *About* dialog describes the details about the overall installed plug-in including the name, version, date created, company, comments, and description of the plug-in (FIG. 3).

**FIG. 3** RMS PeopleCube Plugin - About dialog

# RMS PeopleCube Plug-in Configuration Options

## Overview

The *Configuration* dialog allows you to configure the required PeopleCube server settings and RMS scheduling manager behavior for all RMS PeopleCube rooms. The dialog is separated into four tabs, as described in the following sections.

## Server Connection

The **Server Connection** tab of the *PeopleCube Resource Scheduler Configuration* dialog allows you to set the Resource Scheduler SQL Server as well as the user name and password used to authenticate a connection to the Resource Scheduler server (FIG. 4).

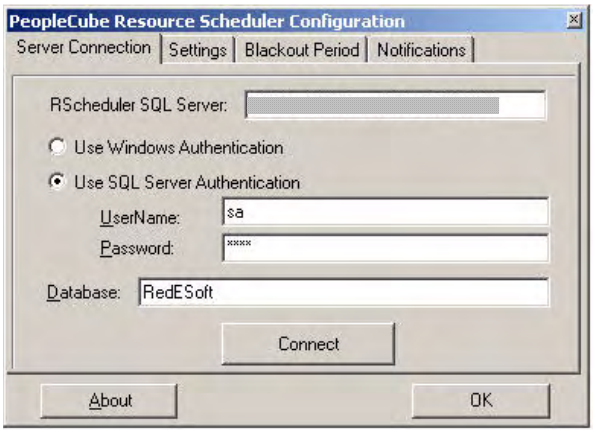


**FIG. 4** PeopleCube Resource Scheduler Configuration dialog - Server Connection tab

### Testing the Connection

After entering your Resource Scheduler server information, it is important to test the access to the Resource Scheduler server.

To test the synchronization of data between the PeopleCube database and RMS, click **Connect** button (in the *Configuration* dialog).

If a connection to the PeopleCube Database Server was successful, the following message will be displayed (FIG. 5):

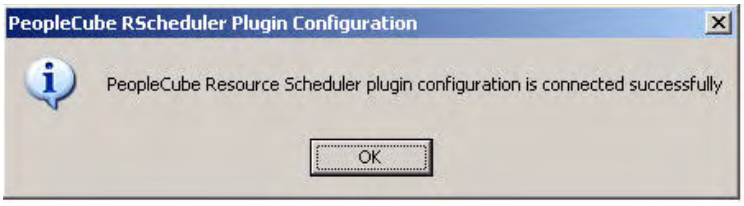


**FIG. 5** Test Connection - Successful

If the connection fails, you will receive an ERROR message instead. In this case, correct your data and try again. If you cannot make a successful connection, contact your PeopleCube administrator to verify your settings.

## Settings

The options in the Settings tab of the *PeopleCube Resource Scheduler Configuration* dialog allow RMS to create and modify appointments in the Resource Scheduler database (FIG. 6).

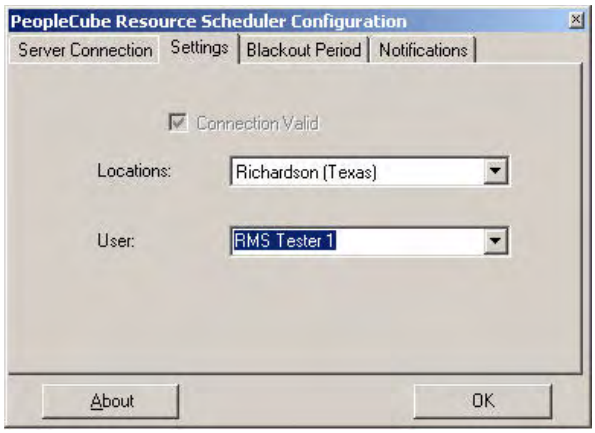


**FIG. 6** PeopleCube Resource Scheduler Configuration dialog - Settings tab

The settings provided on this tab correlate to the PeopleCube database set up in the *Server Configuration* tab (FIG. 4 on page 5).

- **Locations** - Select from the drop-down list. The location list is sorted by the region and location.
- **User** - Select from the drop-down list. The user list is filtered by the location selection.

## Blackout Period

The *Blackout Period* tab contains the settings for scheduling synchronization/trolling blackout (FIG. 7).

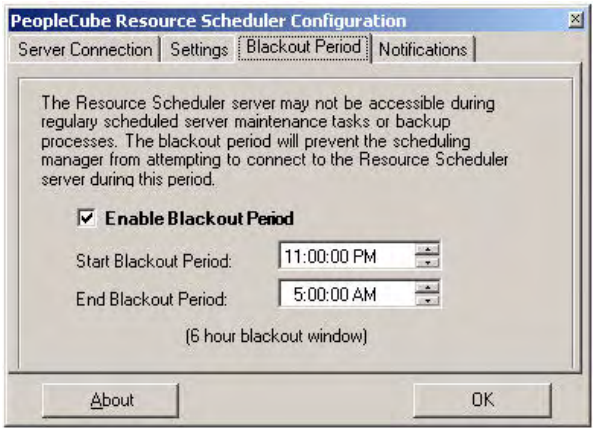


**FIG. 7** PeopleCube Resource Scheduler Configuration dialog - Blackout Period tab

During this blackout period, The RMS application will not attempt to establish a connection to any PeopleCube server. Many systems perform nightly backups or system related processing where the server may not be available or should not be accessed.

The blackout option prevents the RMS application from accessing the server during these times.

This option is enabled by default and is recommended. You may change the time frame to accommodate your specific environment.

## Notifications

The *Notifications* tab provides system options for return notification e-mails to the appointment originator (FIG. 8).

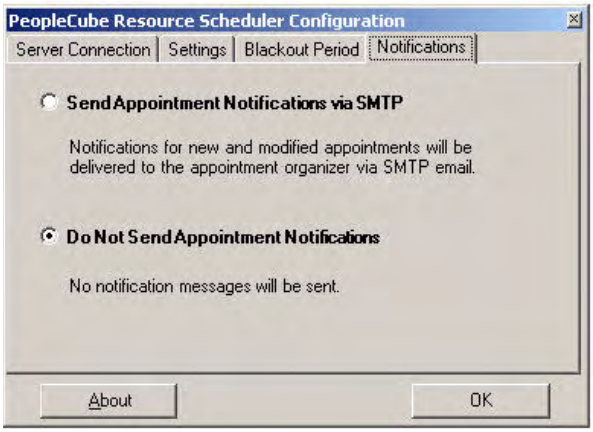


**FIG. 8** PeopleCube Resource Scheduler Configuration dialog - Notifications tab

- If you select *Do Not Send Appointment Notifications*, the Resource Scheduler Appointment Interface will not send any notification e-mails to the appointment originator.
- Otherwise, the RMS application can deliver this appointment notification message via SMTP. The internet address of the originator must be configured in Resource Scheduler Server to send the notification via SMTP.

After you set all the appropriate plug-in settings, click **OK** to complete the plug-in configuration.

NOTE

*You can return to this configuration at any time using the Configuration Wizard, selecting this plug-in from the list and clicking the Configure button.*

## Finish Configuration

Select **Launch Meeting Manager Web Page** and click **Finish** in the *Finished* tab. This action will automatically launch Internet Explorer, showing the default RMS page (FIG. 9).

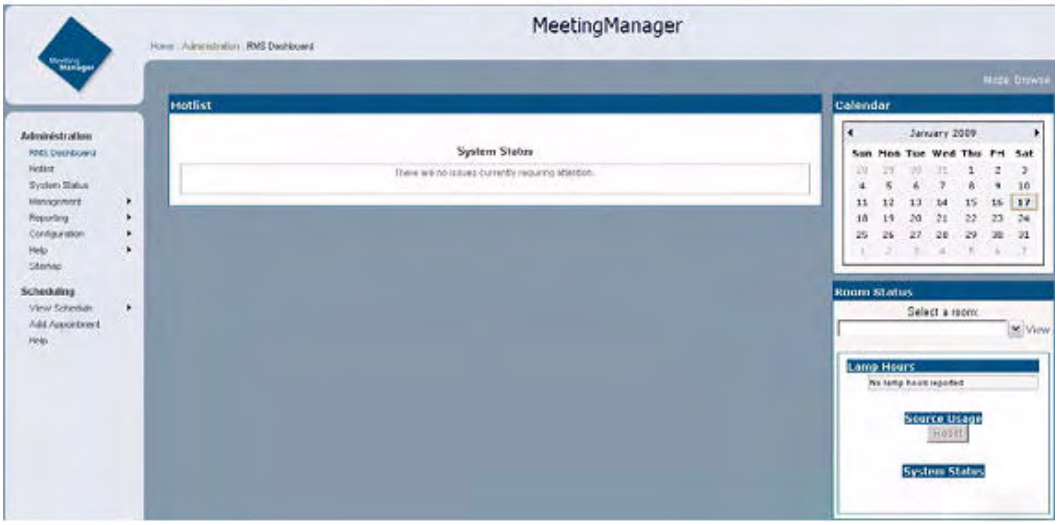


**FIG. 9** Default RMS Page

# Room Configuration

## Overview

The room configuration is done via a web page as part of the RMS system. In the web administrative interface, when you add a new room or modify an existing room, you are provided with Room Scheduling Settings.

## Creating a Room Configuration

1. From the *Administration* menu, select **Rooms** from the *Management* sub-menu (FIG. 10).

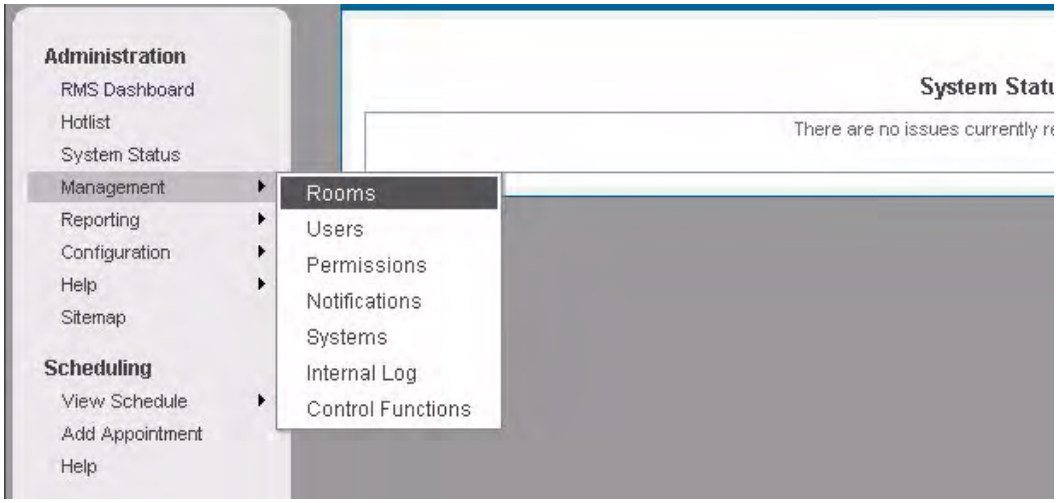


**FIG. 10** Default RMS Page - Management menu

2. In the *Rooms* tab, select the room for which you need to configure the RMS room with PeopleCube equivalent (FIG. 11).

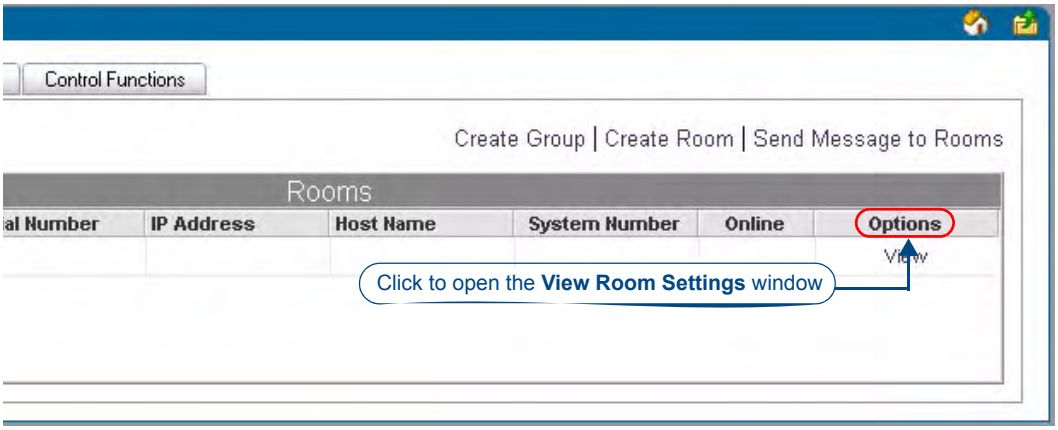


**FIG. 11** Management - Rooms - select Room

3. In the *Options* column, click on **View** to open the *View Room Settings* window.

   If the plug-in installation was successful, the *RMS PeopleCube Scheduling Interface* is displayed at the bottom of the window (FIG. 12).

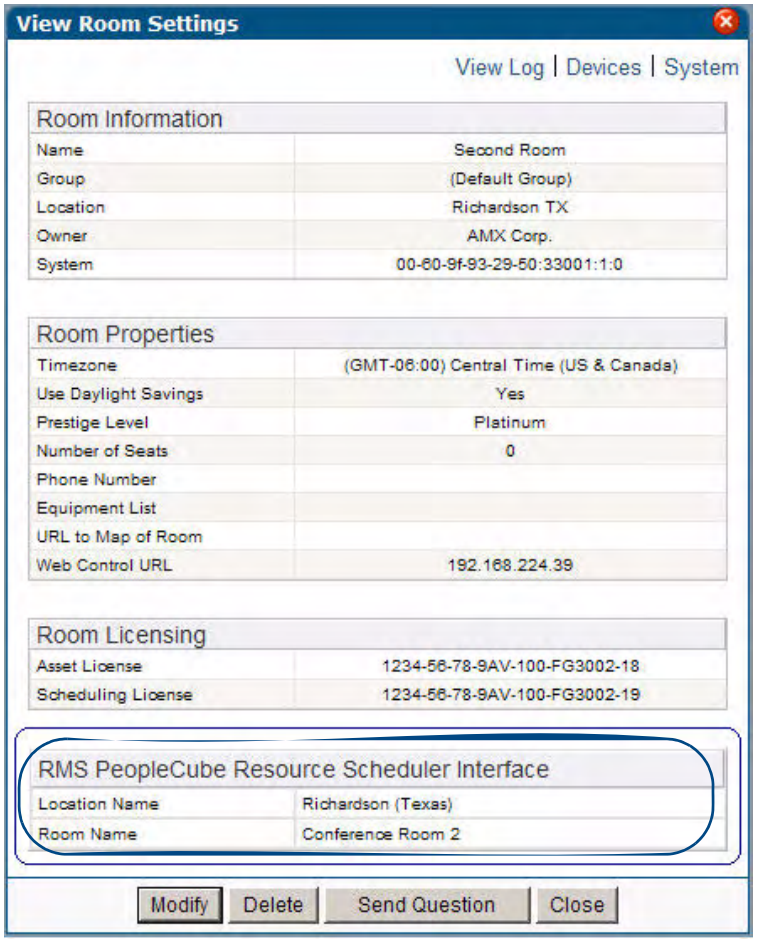


**FIG. 12** View Room Settings window

**4.** Click on **Modify** in the *View Room Settings* window to open the *Modify Room Settings* window (FIG. 13). Use the options in this window to map PeopleCube Rooms to RMS.

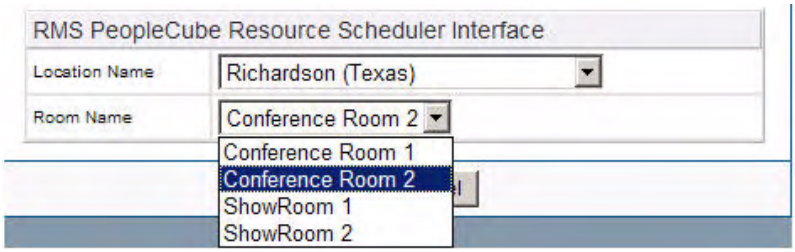


**FIG. 13** Modify Room Settings window

**5.** Select the appropriate room from the *Room Name* drop-down menu under *RMS PeopleCube Resource Scheduling Interface*, and select **Save**. The room name is filtered by location name.

# Known Issues

1. Recurring event instances in Resource Scheduler are handled as individual appointment reservations in RMS.

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