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Remote Management of Networked AV Equipment

It happens far too often: A company or educational institution invests in AV equipment, only to find that they are constantly chasing issues due to the lack of a centralized system for monitoring and managing the equipment. Even more frustrating for support personnel, they must visit each room in person to troubleshoot problems, since they have no way to communicate remotely with the AV equipment.

TAKE CONTROL OF YOUR AV ASSETS

RMS Enterprise is scalable client/server based software for IT and AV managers that provides remote management and scheduling capabilities for AV assets and building systems. The software features a user-friendly dashboard making it easy to centralize the management and monitoring of AV equipment, lights, HVAC and other building functions. This allows end users to proactively maintain AV displays before a bulb burns out or receive immediate notification when a device goes offline.

For IT and AV managers, RMS dramatically improves response times and reduces the frequency of service calls. For meeting attendees, RMS improves productivity by ensuring equipment uptime and minimizing the time spent waiting for meeting room equipment to function. And for your bottom line, RMS reduces energy costs and supports your company's Green initiatives.



THE EASE OF INTEGRATION

Whether your organization has one or a thousand AMX conference rooms or classrooms, AMX provides you with the easiest way to deploy RMS. With the Rapid Project Maker software application, adding RMS to a new or existing installation is as easy as checking a box and typing a URL. It just doesn't get any easier!



New! RMS Enterprise Now Available in the Cloud

Introducing the virtually maintenance-free, monthly subscription-based RMS Enterprise solution hosted from the Cloud – all with seamless integration with RPM. This option is ideal for customers who would like to buy RMS as a service and have AMX handle the integration and maintenance.

ALWAYS UP-TO-DATE

AMX offers an RMS Software Maintenance Agreement that's available for annual renewal and provides organizations with a program that makes it easy to keep RMS current and provides continued access to AMX's award-winning Technical Support.

SCHEDULING ANYTIME, ANYWHERE

RMS Enterprise features the RMS Enterprise Scheduling Interface, which improves the efficiency of meeting spaces and technology by allowing users and support personnel to schedule meeting spaces, preconfigure room technology for upcoming meetings, and place rooms in low power mode when not in use.

RMS has free plug-ins to integrate with the most popular scheduling platforms, including Microsoft Exchange, Lotus Notes and Google Calendar. For customers using other platforms or self-developed scheduling systems, RMS has an API that developers can use to integrate their system with RMS.

RMS also includes the new Quick Response Scheduling feature that uses QR Codes to direct mobile device web browsers to view the current day's events for the scanned location. Just scan the QR Code on the plaque outside the room to see that room's schedule for the day.



NEW QRS Quick Response Scheduling

No Touch Panel? Use QRS Quick Response Scheduling to provide a view of the room schedule on any mobile device – simply by scanning the QR code mounted near the room entrance. This effective low-cost method is the perfect way to increase productivity for any room that lacks a scheduling panel.

PROTECT YOUR AV INVESTMENT

The large investment you've made in beautiful, state-of-the-art AV technology throughout your enterprise is worthless if it's not working. RMS Enterprise is a simple and effective answer to maximize your technology ROI 24/7/365.

10 Key Reasons Why Your Organization Needs RMS Enterprise	
For Your AV and IT Support Personnel	For Your Meeting Attendees and Organizers
Reduces service calls and improves response times	Allows scheduled pre-configuration of meeting equipment so that the room is ready when the meeting starts
Increases equipment lifespan by enabling centralized shutdown / standby of equipment	Enables visibility and ad-hoc booking of meeting spaces with scheduling panels
Reduces energy costs	Allows employees to check room availability in rooms without scheduling panels by scanning a QR Code
Easily integrates independent building systems into a single unified control platform	Increases dependability and reliability of AV equipment
Works seamlessly with AMX's Rapid Project Maker, making it simple to add RMS to a new or existing installation	Ensures uptime and minimizes service disruptions

RMS Enterprise at a Glance

- **Widget-Based GUI:** RMS Enterprise includes a fully customizable dashboard layout for each secure user, including visual bar graphs, user-defined status and notifications, and Hotlists displaying all current system exceptions and issues.
- **Enterprise Architecture:** RMS Enterprise provides large scale management for users, roles, and, tracking user activities including an audit trail of who performed each activity and when it was completed. The server software supports authentication, encryption and protection from cross-site scripting to prevent security threats.
- **Energy Management Features:** Track and display information on energy usage for monitored assets. Optimize energy utilization by placing equipment in standby mode.
- **Scheduling & Calendaring:** Schedule room automation, reserve rooms from AMX touch panels, and display important appointment information. Fully integrated with popular scheduling systems (Exchange, Lotus Notes & more).

Energy Widgets are location-based and display a summary of energy consumption for the currently selected Location by Location and Asset and Type.

The **Hotlist Widget** displays all current system exceptions and issues that need to be addressed in the RMS system.

Schedule system-wide events on a recurring basis to save energy and extend device life.

The screenshot displays the RMS Enterprise dashboard with the following widgets:

- Asset Power Consumption:** A pie chart showing energy usage by asset type for the location group 'AMX Richardson'.
- Hotlist:** A table listing system exceptions with columns for Status, Occurrence, Classification, Location, Asset, and Summary.

Status	Occurrence	Classification	Location	Asset	Summary
Warning	10:07 PM CDT May 11, 2012	Platinum	South Level 3 Room 700	Video Projector	Parameter "Lamp Hour" has exceeded its configured threshold. The current value is "2003 Hour".
Warning	1:42 AM CDT May 14, 2012	Platinum	Amoco Meetingroom	MP8400	Parameter "Online Status" has exceeded its configured threshold. The current value is "Offline".
Warning	10:30 AM CDT	Platinum	AMX East Office Entry 700	NUCV7	Parameter "Online Status" has exceeded its configured threshold. The current value is "Offline".
Warning	10:56 AM CDT	Platinum	AMX Test Chair Denver DVX		This location has been placed into maintenance mode. Any issues with this location will not be displayed on the Hotlist and external notifications will be suspended.
- Control Macro Schedule:** A table showing events for the 'ENOVA Unity Room' on Tuesday, May 15, 2012.

Start Time	Event
4:00 PM	DSS SETUP
5:00 AM	Enova Power Off
1:00 PM	Enova Power On
- Location Energy Consumption:** A line graph showing energy consumption over the last 30 days for the location group 'AMX Richardson'.
- System Status:** A table providing a quick overview of device parameters in a graphical format for various locations.

Location	Controller Status	Asset Status	Display Status	Source Usage
Boardroom	System	Assets	Document Camera Lamp Hours: 237.2 Hours	8769:52 hours
ENOVA Unity Room	ENOVA SYSTEM	Assets	Encoder Lamp Hours: 822 Hours DOC_CAM Lamp Hours: 0.00 Hours Laser Lamp Hours: 0.00 Hours PROJECTOR Lamp Consumption: 0.118.75 Hours	1908:76 hours
Portable Cart 1		Assets		0:00 hours
Room 200	System	Assets	Document Camera Lamp Hours: 0.00 Hours Video Projector Lamp Hours: 2003 Hours Display Lamp Hours: 1000 Hours	8100:49 hours
- Location Control:** A tree listing of assets and asset control functions specific to the currently selected location (ENOVA Unity Room).
 - [-] CAMERA
 - [-] CODEC
 - [-] DOC CAM
 - [-] DSS
 - [-] DVD
 - [-] ENOVA SWITCHER
 - [-] ENOVA SYSTEM
 - [-] LIGHTS
 - [-] PROJECTOR
 - Set Lamp Power
 - Set Aspect Ratio
 - Select Input Source
 - [-] TOUCH PANEL

System Status provides quick views of device parameters in a graphical format.

The **Dashboard** is customizable – add and remove Widgets, and arrange their placement.

The **Location Control** widget displays a tree listing of assets and asset control functions specific to the currently selected Location.

Key RMS Capabilities

Scheduler integrates with popular scheduling applications to display appointments, make ad-hoc bookings, and preset rooms for start and end of events. It's a perfect complement to AMX's Modero S- and X-Series Wall Mount Touch Panels, which provide an elegant way to display the room's schedule.

Quick Response Scheduling uses QR Codes to direct mobile device web browsers to view the current day's events for the scanned location, making it easy for employees to find an available room on short notice.

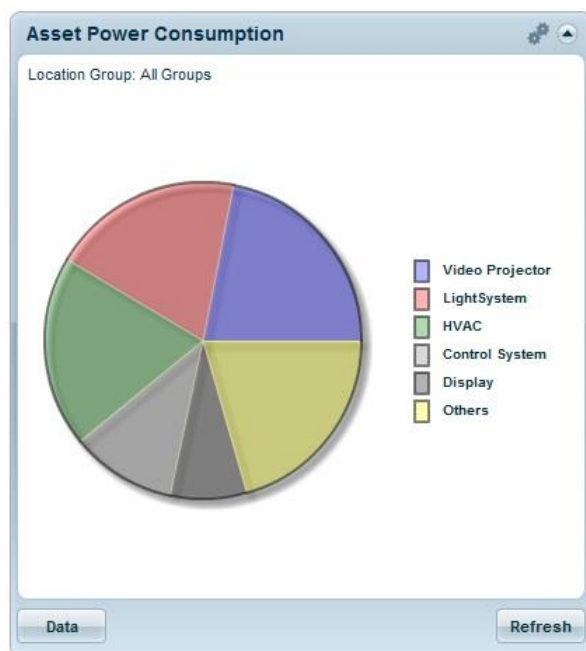
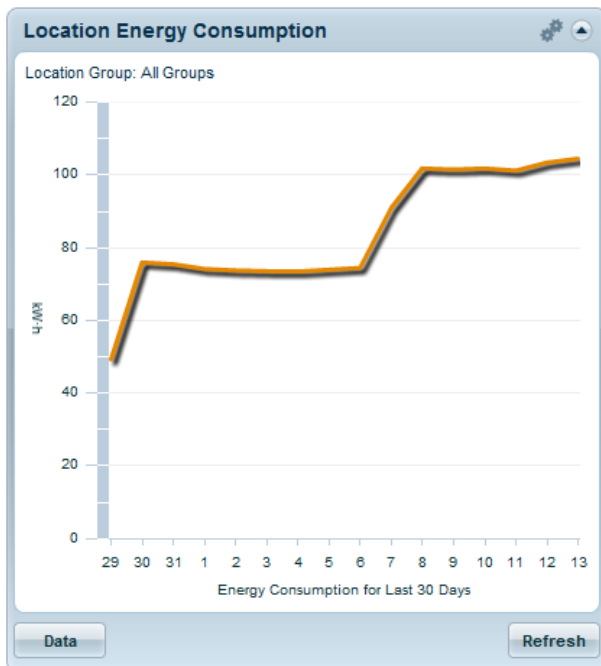
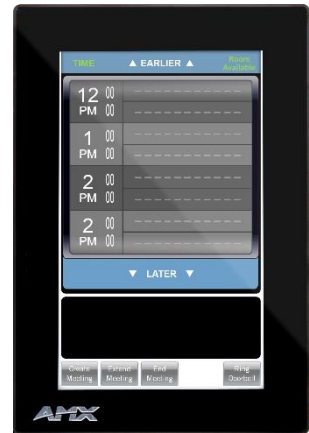
Rapid Project Maker (RPM) supports RMS by including monitoring capabilities plus scheduling. Adding RMS to an RPM project is as simple as selecting a checkbox.

Network Media RMS Integration enables you to connect AMX's Inspired XPerT signage player directly to RMS Enterprise in order to monitor, control, and send messages to the signage player.

Novara 3000 Series and RMS - K-12 schools, universities and businesses can easily integrate independent building systems into a single unified control platform that centralizes management, improves response time and streamlines processes using RMS.

RMS Enterprise Cloud enables you to take advantage of the benefits and features of the RMS application without installing and managing the physical server infrastructure.

Energy Management Features provide extensive reporting and management of energy usage for connected AV assets, leading to lower energy costs and improved asset longevity.



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