



## **AMX SOFTWARE TOOLS**

# **RMS 3.0 LICENSING FREQUENTLY ASKED QUESTIONS**

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# CONTENTS

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<b>INTRODUCTION</b> .....	<b>3</b>
<b>RMS PROGRAM REQUIREMENTS</b> .....	<b>4</b>
HOST SERVER REQUIREMENTS .....	4
<b>RMS LICENSING FAQ'S</b> .....	<b>7</b>

## INTRODUCTION

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To fulfill the changing model of enterprise server applications for RMS 3.0, the licensing system was extensively updated.

The use of a USB hardware dongle will no longer be required for application licensing. Removing the hardware dongle will provide support for systems that do not support USB ports or that share common USB ports. Blade servers are an example of such hardware.

The server license will no longer be bound to a specific application, but rather the server license will enable the RMS server to operate in a non-evaluation mode. MeetingManager and all other associated vertical market applications will utilize the same server key in the new licensing model.

To license the different feature sets of RMS, client licenses in the new licensing model will determine which room-based feature sets are enabled/disabled on a room-by-room basis. This is a significant paradigm shift from how client licenses work in the RMS 2.x application. In the existing RMS 2.x application, client licenses installed on the RMS server serve only to restrict the number of rooms allowed in the system database. Client licenses in RMS 2.x were not unique, did not contain product feature set details, and were not bound to specific rooms. The client licenses in RMS 3.0 will need to be assigned to individual rooms in order to determine the enabled feature sets on a room-by-room basis.

Finally, the new RMS 3.0 licensing model will support two distinct modes of operation: Standard Edition & Premium Edition. Standard Edition is the equivalent to the evaluation mode of RMS 2.x except it contains the ability to manage 5 rooms. The Premium edition of RMS 3.0 is enabled when a server license key is entered. Premium mode will allow the user to add scheduling and or asset management licenses for each room. Premium mode will also expose enterprise level features such as device control, scheduling server interface, unlimited users, room grouping, virtual rooms, etc.

## RMS PROGRAM REQUIREMENTS

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### Host Server Requirements

#### RMS SERVER

The RMS 3.0 server application will be supported on the following operating system platforms:

- Windows 2000 Server (SP4)

*-minimum system requirements*

<http://www.microsoft.com/windows2000/advancedserver/evaluation/sysreqs/default.asp>



- Windows 2003 Server (SP1)

*-minimum system requirements*

<http://www.microsoft.com/windowsserver2003/evaluation/sysreqs/default.msp>



The minimum hardware requirements for the RMS server are:

- Processor: Intel Pentium IV 2.0 GHz
- Memory: 512 MB
- Display: 1024x768 resolution
- Hard Disk: 500 MB available space  
(for RMS application files and database)

Additional requirements:

- Microsoft .NET Framework 2.0

*-minimum system requirements:*

<http://msdn2.microsoft.com/en-us/library/ms229070.aspx>



- Internet Information Services (IIS) 5.0 or later (for Windows 2000 servers)  
Internet Information Services (IIS) 6.0 or later (for Windows 2003 servers)

- Adobe Acrobat Reader 7.0.5 (or later)

*-minimum system requirements*

<http://www.adobe.com/products/acrobat/acrrsystemreqs.html>



- Microsoft Outlook 2000 / XP / 2003

*(only needed if RMS is configured to work with a MS Exchange scheduling system)*

*-minimum system requirements*

<http://www.microsoft.com/office/outlook/prodinfo/sysreq.msp>

- Novell GroupWise Client 6.0 (*or later*)  
(*only needed if RMS is configured to work with a Novell GroupWise scheduling system*)
- Lotus Notes R5 Client (*or later*)  
(*only needed if RMS is configured to work with a Lotus Notes scheduling system*)

## **RMS DATABASE**

The RMS 3.0 server application will be supported on the following database platforms:

- Microsoft SQL Server 2005 Express Edition (*default database installed with RMS*)  
*-minimum system requirements*  
<http://www.microsoft.com/sql/editions/express/sysreqs.mspix>
- Microsoft SQL Server 2005 Standard Edition  
*-minimum system requirements*  
<http://www.microsoft.com/sql/editions/standard/sysreqs.mspix>
- Microsoft SQL Server 2005 Enterprise Edition  
*-minimum system requirements*  
<http://www.microsoft.com/sql/editions/enterprise/sysreqs.mspix>
- Microsoft SQL Server 2000  
*-minimum system requirements*  
[http://msdn.microsoft.com/library/default.asp?url=/library/en-us/instdsql/in\\_overview\\_74vn.asp](http://msdn.microsoft.com/library/default.asp?url=/library/en-us/instdsql/in_overview_74vn.asp)

## **RMS SCHEDULING SYSTEMS**

The RMS 3.0 server application will support the following external scheduling systems:

- Microsoft Exchange Server 2000 (SP3)  
*-minimum system requirements:*  
<http://www.microsoft.com/exchange/evaluation/previous/2000/sysreqs.mspix>
- Microsoft Exchange Server 2003 (SP2)  
*-minimum system requirements:*  
<http://www.microsoft.com/exchange/evaluation/sysreqs/2003.mspix>
- Novell GroupWise 6

- Lotus Notes R5 (*or later*)

## **RMS WEB BROWSERS**

The RMS 3.0 server application will support the following web browsers:

- Windows Platforms
  - Microsoft Internet Explorer 6  
-minimum system requirements:  
<http://www.microsoft.com/windows/ie/evaluation/sysreqs/default.msp>
  - Mozilla FireFox 1.5  
-minimum system requirements:  
<http://www.mozilla.com/firefox/system-requirements.html>
- Macintosh Platforms
  - Safari 2.0.1
  - Mozilla FireFox 1.5  
-minimum system requirements:  
<http://www.mozilla.com/firefox/system-requirements.html>

## **Interfaces to AMX equipment**

RMS can interface with the following AMX NetLinx systems:

- NetLinx NI Series
- NetLinx ME260/64
- NetLinx ME260

## RMS LICENSING FAQ'S

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**Q: What has happened to MeetingManager and AssetManager?**

A: RMS 3.0 eliminates the need for separate RMS applications by loading all modules and allowing the user to select the licensed features. AssetManager will no longer be a specific product but instead be a license option. Rooms may now be licensed for scheduling, asset management, or both.

**Q: So what is the difference between MeetingManager, ClassroomManager, HomeManager...?**

A: RMS 3.0 has simplified licensing for the Resource Management Suite; only three FG #'s are now valid. Support for vertical markets is primarily at the visual level of the RMS application. Selection of the supported market occurs during the setup wizard. This selection may be changed at the server level by running the RMS Configuration Wizard and applied to all client views.

**Q: Do I need a USB key for RMS 3.0?**

A: RMS 3.0 eliminates the USB licensing scheme by binding the license key to the hardware ID of the host Server.

**Q: So what is the advantage of the new licensing scheme?**

A: RMS Product features are now to be based on room/client license keys. The two base features are Asset Management and Scheduling. These features are to be licensed separately and any room may have any combination of either feature. Since a feature is bound to a room, there is a method to manage the licenses easily.

**Q: What about upgrade support from RMS 2.x > 3.0?**

A: Please contact AMX Customer Service at 800.222.0193 option 3 in the US, +1.469.624.7400 outside the US or by email at [service@amx.com](mailto:service@amx.com). Please provide the serial number of the USB Dongle that was provided with the RMS 2.x server license and a no charge purchase order for the following items:

(Please reference the words RMS 2.x to RMS 3.0 upgrade on the P.O.)

FG3002-17 – NSS-RMSSV, RMS Server License

FG3002-18 – NSS-RMSACL, RMS Client License

FG3002-19 – NSS-RMSSCL, RMS Schedule License

When RMS 3.0 is installed the configuration wizard will prompt for a new server serial number. This number must be obtained from AMX and will be issued along with a new installation CD. Also, a new client license certificate must be generated by AMX Customer Service and entered in the configuration wizard. Please allow 48 hours for generation for a new client key. A database upgrade wizard will launch automatically if the detected database is not SQL.

**Q: Do you still offer a free download demo version?**

A: Yes, RMS 3.0 Standard Edition will be posted to amx.com on release. RMS 3.0 Standard Edition has functionality similar to MeetingManager 2.2 in demo mode. Some features that may be useful for enterprise operation such as room grouping are not available. Users are limited to one administrator and one notification recipient. RMS 3.0 Standard Edition has five client licenses with both asset and scheduling features plus all vertical market support. If you are wanting to upgrade from RMS 2.x to 3.0 DO NOT download the demo version. Please contact AMX Customer Service for instructions on how to upgrade.

**Q: What if I want more than five rooms and more features?**

A: RMS 3.0 Premium Edition provides Master less Rooms, SNMP, Login Based Views, Login for scheduling, Advanced Messaging, Startup/Shutdown events, Control from Web Console, and redundant server support. RMS 3.0 also supports multiple combinations of asset management and scheduling licenses. Premium Edition does not include room licenses, if a system is upgraded from Standard, all clients must be added individually.

**Q: What do I need to do if I am using an Access database?**

A: You must obtain access to or install a compatible database platform for the RMS database. Microsoft SQL Server 2005 Express Edition is a no cost solution for small to medium sized RMS installations. If upgrading from RMS 2.x using an Access database, you can download and install SQL Server 2005 Express Edition for use with RMS 3.0. The RMS 3.0 installation will migrate your existing data from the existing RMS 2.x database to the new RMS 3.0 database.

Microsoft SQL Server 2005 Express Edition can be downloaded  
<http://msdn.microsoft.com/vstudio/express/sql/download/>

**Q: We've been told that there would not be any significant changes to the 3.0 SDK – so in other words, 2.0 NetLinx code should work with 3.0. Is this still true?**

A: Yes, the only changes to the SDK are new TPD4 panel files that you may use and several bug fixes. You may want to use the updated modules if you are need to fix any problems detailed in the 3.0 SDK release notes.