

CUSTOMER RELEASE NOTES

**Enterasys RoamAbout® Switch Manager (RASM) Release
Firmware Version 7.0.11.2
November 2009**

INTRODUCTION:

The RoamAbout Switch Manager (RASM) software tools (RBT-NMS-50, RBT-NMS-200, RBT-NMS-UNL, and RBT-RFPLAN) are used to plan, configure, deploy, and monitor the RBT-8100, RBT-8110, RBT-8200, RBT-8210, RBT-8400, and RBT-8500 RoamAbout switches (RASs), the TRPZ-MXR-2 wireless switch, the previously released MX-20 and MX-400 wireless switches, the MP-432 802.11N access point, the outdoor TRPZ-MP-620 access point, as well as the TRPZ-MP-372, TRPZ-MP-422, RBT-1002, RBT-1002-EU, and RBT-1602 access points.

Enterasys recommends that you thoroughly review this document prior to installing or upgrading this product.

NOTE: The following table provides the access points and features supported in RASM Version 7.0.11.2

Access Point	Supported in 7.0.8.3	Hitless Failover	Direct Path Forwarding	Wireless Mesh Support
RBT3K-AG	Yes	No	No	No
RBT-1002	Yes	No	No	No
RBT-1002-EU	Yes	No	No	No
RBT-1602	Yes	Yes	No	No
RBT-4102	Yes	No	No	No
RBT-4102-EU	Yes	No	No	No
RBT-4102-BG	Yes	No	No	No
TRPZ-MP-372-CN	Yes	Yes	No	No
TRPZ-MP-372-IL	Yes	Yes	No	No
TRPZ-MP-422	Yes	Yes	Yes	Yes
TRPZ-MP-432	Yes	Yes	Yes	Yes (802.11a/b/g only)
TRPZ-MP-620	Yes	Yes	Yes	Yes

NOTE: Enabling Direct Path Forwarding (also known as local switching) for a given AP affects the number of ACEs that can be applied within a single ACL policy to a user connecting to that AP. When local switching is enabled on an AP in firmware versions 6.0.5.1 and higher of RAS firmware, up to 25 ACEs in an ACL policy can be applied to a user of that AP. Please refer to the [Firmware Changes and Enhancements](#) section for more information.

CUSTOMER RELEASE NOTES

NOTE: If you are upgrading a pre-existing RBT-4102 or RBT-4102-EU model Access Point from 4.1.4.0 or earlier, please read the instructions listed in the [Firmware Changes and Enhancements](#) on page 5.

NOTE: Beginning with the calendar year 2007, please be aware that the United States Daylight saving time period begins on the second Sunday in March, and ends on the first Sunday in November. Refer to the "Changing Timezone Properties" section in the "Configuring RoamAbout Switch System and Administrative Parameters" chapter of the *RoamAbout Switch Manager Configuration Guide* document for detailed setup instructions.

FIRMWARE SPECIFICATION:

Status	Version No.	Type	Release Date
Current Version	7.0.11.2	Customer Maintenance	November 2009
Previous Version	7.0.8.3	Customer Maintenance	May 2009
Previous Version	7.0.6.7	Customer Maintenance	January 2009
Previous Version	7.0.5.2	Customer Maintenance	October 2008
Previous Version	7.0.4.5	Customer Maintenance	August 2008
Previous Version	7.0.3.5	Customer	June 2008
Previous Version	6.2.2.4	Customer	April 2008
Previous Version	6.0.6.2	Customer Maintenance	March 2008
Previous Version	6.0.5.1	Customer	December 2007
Previous Version	6.0.4.3	Customer	October 2007
Previous Version	6.0.4.2	Customer	September 2007
Previous Version	5.0.12.2	Customer	June 2007
Previous Version	5.0.11.3	Customer	April 2007
Previous Version	5.0.9.2	Customer Patch	March 2007
Previous Version	5.0.8.1	Customer	January 2007
Previous Version	5.0.6.1	Customer	December 2006
Previous Version	4.2.5.1	Customer	October 2006
Previous Version	4.1.11.0	Customer	June 2006
Previous Version	4.1.5.0	Customer	April 2006
Previous Version	4.1.4.0	Customer	February 2006
Previous Version	4.0.18.0	Customer	November 2005
Previous Version	4.0.16.0	Customer	September 2005
Patch Release	4.0.7.0	Customer	August 2005
Initial Release Version	4.0.4.0	Customer	July 2005

HARDWARE COMPATIBILITY:

Switches:

- RBT-8100, RBT-8110, RBT-8200, RBT-8210, RBT-8400, RBT-8500, TRPZ-MXR-2, TRPZ-MX-2800.

Access Points:

See the [supported access points table](#) for detailed information for version 7.0.11.2.

NOTE: Please read the [DFS2 Tech Tip on page 15](#) for the new channel availability.

CUSTOMER RELEASE NOTES

VERSION COMPATIBILITY:

- This version of RoamAbout Switch Manager (RASM) has been verified against RAS version 7.0.
- Network plans created with RASM and 6.0 are compatible with this version of RASM. If you want to use network plans created with previous versions of RASM, make sure the option to delete the network plans directory is not checked when you uninstall.
- If you are installing RASM for the first time, you need to first install and activate licenses before using. If you are upgrading from a previous licensed version, you do not need to reinstall your licenses.
- If you are upgrading from a version earlier than 5.0, Enterasys Networks recommends that you upgrade to 5.0 first, then upgrade from 5.0 to 6.2.

SYSTEM REQUIREMENTS:

Supported Platforms:

- Server: Microsoft Windows Server 2003, Microsoft Vista Ultimate, SUSE Linux 10.2, Red Hat EL ES5, Red Hat WS 3, and WS Enterprise 5.

NOTE: Windows XP is not supported for Servers.

- Client: Microsoft Vista, Windows XP with Service Pack 2, Microsoft Windows 2000 with Service Pack 4, SUSE Linux 10.2, Red Hat EL ES5.

NOTE: You must use the English version of these operating systems. Operating system versions in other languages are not supported by RoamAbout Switch Manager.

NOTE: RASM is no longer supported on the Solaris platform.

Hardware requirements to run the RASM client on Windows and Linux systems:

	Minimum	Recommended
Processor	Intel Pentium 4 2 GHz or equivalent	Intel Pentium 4 3 GHz or equivalent
RAM	512 MB	1 GB
Hard drive space available	100 MB	200 MB
Monitor resolution	1024x768 pixels, 24-bit color	1600x1200 pixels, 32-bit color
CD-ROM drive	CD-ROM or equivalent	CD-ROM

Hardware requirements to run RASM services on Windows and Linux systems:

	Minimum	Recommended
Processor	Intel Pentium 4 2.4 GHz or equivalent	Intel Pentium 4 3.6 GHz or equivalent or higher
RAM	1 GB	2 GB or higher
Hard drive space available	1 GB	2 GB or higher
Monitor resolution	1024x768 pixels, 24-bit color	1600x1200 pixels, 32-bit color
CD-ROM drive	CD-ROM or equivalent	CD-ROM

CUSTOMER RELEASE NOTES

SUPPORTED FUNCTIONALITY:

The RoamAbout Switch Manager supports configuration and management of the RAS functionality and enhancements. Please refer to the *RoamAbout Wireless Switch RBT-8xx0 6.2.1.5 Release Notes* for a list of all the new and current functionality.

Please refer to the following documents available at <http://secure.enterasys.com/support/manuals> for more details on new 7.0 enhancements and overall functionality:

RoamAbout Switch Manager 7.0 Configuration Guide	RoamAbout Mobility System Software 7.0 Command Reference Guide
RoamAbout Switch Manager 7.0 Management Guide	RoamAbout Mobility System Software 7.0 Feature Guide
RoamAbout Switch Manager 7.0 Feature Guide	RoamAbout Mobility System Software 7.0 Configuration Guide
RoamAbout Switch Manager 7.0 Planning Guide	RoamAbout Mobility System Software 7.0 Quick Start Guide
RoamAbout Switch Manager 7.0 Quick Start Guide	

INSTALLATION AND CONFIGURATION NOTES:

Please refer to the *RoamAbout Switch Manager 7.0 Configuration Guide* for complete installation instructions, located on your CD, or on the Enterasys Web site <http://www.enterasys.com/products/wireless/>.

NOTE: RASM version 7.x can be installed directly over previous RASM and 6.0.x versions without uninstalling those versions first.

NOTE: The RASM 4.2.5.1 version can be installed directly over the previous 4.0 and 4.1 versions. However, due to the database structure changes made between 4.0 and 4.1, as well as all the new feature enhancements, it is recommended to do an uninstall of the 4.0 RASM version, and a new install of the 4.2 executable. The major points to focus on for this procedure are as follows:

1. Start the uninstall by going to the Control Panel, and selecting Adding/Removing programs. Choose RASM.
2. When uninstall starts, the RASM Uninstall Options window is displayed. Four choices are already checked. Uncheck the first and third choices, deleting the network plans, and deleting the license information. The other two choices can remain checked. Click Continue.
3. When the uninstall is complete, click Done.
4. From this point, the installation of 4.1 or 4.2 RASM can begin from either the files retrieved from the Enterasys Firmware Download page, or the CD received with your order.

If you have the RASM CD, you can install the product directly from the CD.

If you do not have the RASM CD, download the firmware from the Enterasys Firmware Download page and install on your PC.

UPGRADING THE ROAMABOUT SWITCH MANAGER FROM PREVIOUS VERSIONS:

Upgrading from RoamAbout Switch Manager Version 6.0:

You can install the new version of RoamAbout Switch Manager on top of the previously installed one. You do not need to uninstall the previous version.

Please also refer to the “Upgrading RASM” section in the “Installing RoamAbout Switch Manager” chapter of the *RoamAbout Switch Manager Configuration Guide* document, which can be downloaded from the following site: <http://www.enterasys.com/support/manuals/n-s.html#R>.

CUSTOMER RELEASE NOTES

FIRMWARE CHANGES AND ENHANCEMENTS:

Firmware Release 7.0.11.2:

Resolved an issue where the RSSI heatmap was generated after importing a network plan and no APs were present on the network.

Resolved an issue where, when copying and pasting APs from one Mobility Domain to another, APs were duplicated instead of placing them in the new Mobility Domain.

Resolved an issue where you could not change the system IP address of a switch using RASM.

Resolved an issue where importing a *.cvs file into RASM did not work as expected.

Resolved an issue where, when auto-tune was configured on APs in RASM, the monitoring feature did not update correctly.

Resolved an issue where RASM did not correctly monitor wired clients on the network.

Resolved an issue where The RSSI feature displayed a map in Monitoring when no APs were present on the network.

Resolved an issue where APs disappeared from the network plan after enabling or disabling the cluster feature on a Mobility Domain.

Resolved an issue where accepting network changes for APs on two or more RBT's simultaneously corrupted the network plan.

Resolved an issue where Exporting client statistics was not working for any user sessions.

Resolved an issue where Antenna location did not update properly when changes were made to the AP configuration.

Resolved an issue where Client Load Report did not generate accurate information about the network.

Resolved an issue where The SSID list did not appear when using the MAC Network Access Wizard on a secondary seed switch.

Resolved an issue where the RF Planning feature was missing the object, wiring closet, as part of the list of available objects to add to a plan.

Resolved an issue where all configured ACLs did not appear in the secondary seed configuration when using RASM.

Resolved an issue where network changes did not synchronize properly in RASM.

Resolved an issue where the Monitor status did not match the data in the Client Load per AP report.

Resolved an issue where 802.11n clients did not display properly in the Operational Rate report.

Resolved an issue where upgrading from RASM 6.0.x to RASM 7.0.x caused the RADIUS server deadtime value to change from 5 to 0 which appears as a network change in RASM.

Resolved an issue where client sessions were incorrectly reported in Monitoring

Resolved an issue where AP and client information was incorrectly reported in RASM causing incorrect spoofing and rogue alarms

Resolved an issue where the RASM database did not parse radio traffic reports received from the RBT correctly.

Firmware Release 7.0.8.3:

Resolved an issue where accepting autotune changes caused the RASM client to become unresponsive.

Resolved an issue where the severity of the "Server Performance Alarm" was incorrectly displayed as a single alarm.

Resolved an issue where a VLAN name was randomly reset to an empty string for service profiles, MAC users, MAC user groups, named users, or named user groups.

Resolved an issue where Webview sessions were not released or timed out if the logout option was not used to close the session.

Resolved an issue where the port up / down status was not correctly updated when the port number was greater than 10.

Resolved an issue where the Auto-Image Update feature did not work in RASM Version 7.0.6.7.

Resolved an issue where using the "Save As" option to save network plans with a file size larger than 50 MB did not save the plan.

CUSTOMER RELEASE NOTES

Firmware Release 7.0.8.3:

- Resolved an issue where RASM incorrectly reported that the enable password for a RAS had changed when it had not.
- Resolved an issue where special characters and spaces were not allowed when generating a Customer Service Report.
- Resolved an issue where special characters were not allowed for user passwords.
- Resolved an issue where out of date information caused certain country codes to be unsupported in RASM.
- Resolved an issue where the Alarms report would not print from RASM when using a Mac.

Firmware Release 7.0.6.7:

- Resolved an issue where some CAD objects were not read properly and required CAD clean-up before importing into RASM.
- Resolved an issue where the "Client Errors by Time" chart in the Monitoring view displayed a value of 0, even if client errors occurred. The errors were available in the Alarms views and in the Client Error reports.
- Resolved an issue where RASM Version 6.2 and higher incorrectly required that MSS be 6.2 or higher to support the TRPZ-MP-422A. The TRPZ-MP-422A is supported in MSS 5.0 and higher.
- Resolved an issue where RASM did not display graphs on the Network Usage page under Monitoring.
- Resolved an issue where evaluation licenses would expire if the clock was changed on the server.
- Resolved an issue when placing an AP on a network plan caused RASM to lose data.
- Resolved an issue when using MAC prefixes as an authentication parameter, MAC users failed to connect to the network.
- Resolved an issue where the RASM Planning wizard assigned the same channel to all APs on the network.
- Resolved an issue where copying and pasting configurations between RASs did not work.
- Resolved an issue where clicking the Cancel button twice caused the transaction to cancel twice instead of one time. This caused an error in the software.
- Resolved an issue causing the country code for Singapore to not be accepted by RASM.
- Resolved an issue where too many RF obstacles prevented the floor plan from importing into RASM. The recommended number of obstacles per floor is less than 1000.
- Resolved an issue where storing numerous backup files on the RBT-8500 caused slow performance of RASM.
- Resolved an issue when after changing the severity of an alarm, RASM did not correctly display the new severity.
- Resolved an issue causing floor plans to not import correctly into RASM.
- Resolved an issue where large floor plans caused RASM to use large amounts of server memory.
- Resolved an issue where RASM failed when attempting to use "auto-tune disable" feature.

Firmware Release 7.0.5.2:

- Resolved an issue causing some reports to generate inadvertently when changing the monitoring settings.
- Resolved an issue when adding the access point (AP) fingerprint to a cluster configuration caused the configuration to fail on the network.
- Resolved an issue when adding an ACL for a cluster configuration, the change appeared in the system change table rather than the cluster change table.
- The verification alarms "Low RSSI Threshold Alarm" & "Low SNR Threshold Alarm" are now disabled by default. Enabling these alarms manually can help you troubleshoot network connectivity issues.
- Resolved an issue where Access Control Entries could not be deleted from an ACL policy.
- Resolved an issue where the primary seed RBT-8xxx in a cluster configuration remained in the "executing" state when merging configurations in a cluster configuration.
- Resolved a power tuning issue with the RBT-1602.
- Resolved an issue that prevented special characters from being used in SSID.
- Resolved an issue where RoamAbout Switch Manager (RASM) could not add a location policy to an RBT-8xxx configured in a cluster.

Firmware Release 7.0.4.5:

Resolves an issue where RASM did not detect changes if a configuration was reloaded from the CLI on a RAS.

Resolves an issue where fewer alarms are displayed than expected when restricted monitor users clicked on the "Alarms by Category" or "Alarms by Severity" pie slices or links. The user could query the entire database to get the accurate alarms for matching conditions. Reports were not affected by this issue.

Resolves an issue where monitor users with restricted access occasionally see a full user's view.

Firmware Release 7.0.3.5:

Resolves a RASM alarm issue regarding AP fingerprints.

Resolves an issue with Linux where the license would not update properly (47028 and 47341).

Resolves an application error occurring when selecting the client listing in Monitoring screen.

Resolved an issue with the scroll down arrow not functioning in various RASM configuration windows.

Please check our web site on a regular basis for updates at <http://www.enterasys.com/products/wireless/>.

KNOWN RESTRICTIONS AND LIMITATIONS:

NOTE: Workaround solutions are provided where applicable.

Firmware Release 7.0.11.2

Customers using MacOS and JRE 1.5 to support RASM may experience occasional issues with RASM becoming unresponsive.

Because of a limitation in Windows XP that allows no more than 10 half-open connections, running RASM services on Windows XP is not recommended if your network plan contains more than 10 devices. If 10 devices in your network plan were unreachable or not responding, Windows XP would exceed its half-open connection limit, and connection attempts to reachable devices might time out as a result.

Workaround— If your network plan contains more than 10 devices, and you want to run RASM services on a Windows system, use a server OS, such as Windows 2000 or Windows 2003, instead of Windows XP.

Linux: The default browser is Firefox, which is not included with SuSE.

Description — On SuSE, the default browser executable is Firefox. However, the Firefox browser is not included with the SuSE distribution; only the Konqueror browser is included. The Konqueror browser is not supported by RASM.

Workaround— Install a different browser for accessing RASM online help. Preferred browsers for Linux are Firefox, Opera, Mozilla, and Netscape.

Daylight Savings Time or timezone changes are not automatically detected in RASM.

Description — If a Daylight Savings Time or timezone change occurs on the host machine where RASM is running, displayed timestamps are not automatically updated in RASM. This issue is actually a Java Virtual Machine (JVM) issue. The JVM does not detect date or time changes made at the OS level.

See the following Web page:

- http://bugs.sun.com/bugdatabase/view_bug.do?bug_id=4216582

Workaround— Exit and restart RASM to place a date or time change made on the host machine running RASM into effect.

Firmware Release 7.0.8.3

Because of a limitation in Windows XP that allows no more than 10 half-open connections, running RASM services on Windows XP is not recommended if your network plan contains more than 10 devices. If 10 devices in your network plan were unreachable or not responding, Windows XP would exceed its half-open connection limit, and connection attempts to reachable devices might time out as a result.

Workaround: If your network plan contains more than 10 devices, and you want to run RASM services on a Windows system, use a server OS, such as Windows 2000 or Windows 2003, instead of Windows XP.

Linux: The default browser is Firefox, which is not included with SuSE.

Description On SuSE, the default browser executable is Firefox. However, the Firefox browser is not included with the SuSE distribution; only the Konqueror browser is included. The Konqueror browser is not supported by RASM.

Workaround: Install a different browser for accessing RASM online help. Preferred browsers for Linux are Firefox, Opera, Mozilla, and Netscape.

Daylight Savings Time or timezone changes are not automatically detected in RASM.

Description: If a Daylight Savings Time or timezone change occurs on the host machine where RASM is running, displayed timestamps are not automatically updated in RASM. This issue is actually a Java Virtual Machine (JVM) issue. The JVM does not detect date or time changes made at the OS level. See the following Web page:

- http://bugs.sun.com/bugdatabase/view_bug.do?bug_id=4216582

Workaround: Exit and restart RASM to place a date or time change made on the host machine that is running RASM into effect.

Firmware Release 7.0.6.7:

The Auto Image Update feature currently does not work in RoamAbout Switch Manager Version 7.0.6.7.

Workaround: You must manually update the software on RAS platforms.

Using the "Save As" option to save network plans with a file size larger than 50 MB does not save the plan.

Workaround: Use the backup and restore feature in RASM to save large network plans.

Under rare circumstances one or more RBT-8xxx may cease responding while in the 'Executing' state during the software upgrade process.

Workaround: If this occurs, cancel the operation, and delete the RBT from the network plan. Then, upload the RBT-8xxx again.

Daylight Savings Time or time zone changes are not automatically detected in RASM.

Description: If a Daylight Savings Time or time zone change occurs on the host machine where RASM is running, displayed timestamps are not automatically updated in RASM.

This issue is actually a Java Virtual Machine (JVM) issue. The JVM does not detect date or time changes made at the OS level. See the following Web page:

- http://bugs.sun.com/bugdatabase/view_bug.do?bug_id=4216582

Workaround: Exit and restart RASM to place a date or time change made on the host machine that is running RASM into effect.

An issue has been reported where RASM can inaccurately report its own MAC address as rogue systems.

Workaround: None. This will be addressed in the next version of RASM.

Firmware Release 7.0.5.2:

Using the "Save As" option to save network plans with a file size larger than 50 MB does not save the plan.

Workaround: Use the backup and restore feature in RASM to save large network plans.

The "Client Errors by Time" chart in the Monitoring view shows a value of 0, even if client errors have occurred. The errors are available in the Alarms views and in the Client Error reports.

Workaround: None at this time.

Under rare circumstances one or more RBT-8xxx may cease responding while in the 'Executing' state during the software upgrade process.

Workaround: If this occurs, cancel the operation, and delete the RBT from the network plan. Then, upload the RBT-8xxx again.

Daylight Savings Time or time zone changes are not automatically detected in RASM.

Description: If a Daylight Savings Time or time zone change occurs on the host machine where RASM is running, displayed timestamps are not automatically updated in RASM.

This issue is actually a Java Virtual Machine (JVM) issue. The JVM does not detect date or time changes made at the OS level. See the following Web page:

- bugs.sun.com/bugdatabase/view_bug.do?bug_id=4216582

Workaround: Exit and restart RASM to place a date or time change made on the host machine that is running RASM into effect.

CUSTOMER RELEASE NOTES

Firmware Release 7.0.4.5:

After configuring an ACL for a cluster configuration, the change appears in the system change table rather than the cluster change table.

When command auditing is disabled, RASM does not automatically remove the related configuration.

Workaround: Manually remove related command auditing configurations.

Server group association is not deleted from RASM when clear accounting is entered on CLI.

Workaround: Manually remove related command auditing configurations.

When merging configurations in a cluster configuration, the primary seed RAS in a cluster configuration remains in the "executing" state.

RASM 6.2 and higher incorrectly require that RoamAbout MSS be 6.2 or higher to support the TRPZ-MP-422A. The TRPZ-MP-422A should be supported in RoamAbout MSS 5.0 and higher.

Workaround: None at this time.

GuestPass is no longer supported as of version 7.0.3.5. GuestPass has been replaced by SmartPass which is a billable item. Please contact your Enterasys Partner or Sales representative for more details.

Firmware Release 7.0.3.5:

The "Client Errors by Time" chart in the Monitoring view shows a value of 0, even if client errors have occurred. The errors are available in the Alarms views and in the Client Error reports.

Workaround: None at this time.

When trying to remotely connect to a RASM server while running version 1.6 of the Java Runtime Environment (JRE), the Java Web Start client may fail to start. This is due to the following Java bug:

http://bugs.sun.com/bugdatabase/view_bug.do?bug_id=6522222

This issue potentially affects remote clients using MS Windows XP operating system with JRE 1.6. When starting the Java Web Start client from the desktop icon, an error message is displayed: "Unable to start application" and a set of Java exceptions are thrown.

Workaround: Downgrade the client Java environment to version 1.5 by uninstalling the JRE 1.6 and creating a fresh install of JRE 1.5.13.

When restricted monitor users click on the "Alarms by Category" or "Alarms by Severity" pie slices or links, fewer alarms are displayed than expected. The user may query the entire database to get the accurate alarms for matching conditions. Reports are not affected by this issue.

Workaround: None at this time.

Monitor users with restricted access may occasionally see a full user's view.

Workaround: None at this time.

If a configuration is reloaded from the CLI on an RBT, RASM may not detect the changes.

Workaround: You must delete the RBT and upload it again to see the correct configuration.

Occasionally one or more RBT may cease responding while in the 'Executing' state during the MSS upgrade process.

Workaround: If this occurs, cancel the operation, and delete the RBT from the network plan. Then, upload the RBT again.

Because of a limitation in Windows XP that allows no more than 10 half-open connections, running RASM services on Windows XP is not recommended if your network plan contains more than 10 devices. If 10 devices in your network plan were unreachable or not responding, Windows XP would exceed its half-open connection limit, and connection attempts to reachable devices might time out as a result.

Workaround: If your network plan contains more than 10 devices, and you want to run RASM services on a Windows system, use a server OS, such as Windows 2000 or Windows 2003, instead of Windows XP.

Linux: The default browser is Firefox, which is not included with SuSE.

Description — On SuSE, the default browser executable is Firefox. However, the Firefox browser is not included with the SuSE distribution; only the Konqueror browser is included. The Konqueror browser is not supported by RASM.

Workaround: Install a different browser for accessing RASM online help. Preferred browsers for Linux are Firefox, Opera, Mozilla, and Netscape.

Firmware Release 7.0.3.5:

Daylight Savings Time or time zone changes are not automatically detected in RASM

Description — If a Daylight Savings Time or time zone change occurs on the host machine where RASM is running, displayed timestamps are not automatically updated in RASM.

This issue is actually a Java Virtual Machine (JVM) issue. The JVM does not detect date or time changes made at the OS level. See the following Web page: http://bugs.sun.com/bugdatabase/view_bug.do?bug_id=4216582

Workaround: Exit and restart RASM to place a date or time change made on the host machine that is running RASM into effect.

The "Client Errors by Time" chart in the Monitoring view shows a value of 0, even if client errors have occurred. The errors are available in the Alarms views and in the Client Error reports.

Workaround: None at this time.

Firmware Release 6.2.2.4:

RASM is now supported on both the 32-bit and 64-bit Vista Operating Systems; however, for the 64-bit OS, the services will default to using a 32-bit VM.

RF plans created in RASM 6.0.x do not import properly into RASM 6.2.x.

Workaround: Upgrade to RASM 6.2.2.4, then import the RF plan created in RASM 6.0.x.

There is an open issue for an Internal Application error when going through the coverage area setup wizard.

Workaround: Close RASM, restart the RASM services, open RASM and complete the RF Planning configuration.

For RASs 6.2 and earlier, the authorizationSuccessTrap sent by an RAS does not contain the correct session StartTime. This causes the RASM Client Monitoring panel to be inaccurate based on the traps.

Workaround: Refresh the RASM Client Monitoring panel manually to see the correct session start time.

The conversion of auto-APs to APs can cause an internal error in the RASM software.

Workaround: To convert auto-APs to APs, use the CLI to do the conversion and then update RASM.

Creating a radio profile in RASM and updating the RAS configuration can cause an internal error in the RASM software.

Workaround: Use the CLI of the RAS to create a radio profile and then update RASM.

RASM 6.2 cannot graph real time AP/DAP radio statistics from a 5.0 RAS. This is a monitoring limitation due to the AP/DAP unification feature of 6.0.

Workaround: To get real time statistics for an AP radio, upgrade the RAS to version 6.0 or higher.

When an image upgrade is performed in RASM for an RAS with pending local changes, the local changes are no longer flagged as changes after the image upgrade completes. Instead, network changes are displayed with the reverse information.

Workaround: To solve this, you can undo the network changes, and then deploy the resulting local changes.

Because of a limitation in Windows XP that allows no more than 10 half-open connections, running RASM services on Windows XP is not recommended if your network plan contains more than 10 devices. If 10 devices in your network plan were unreachable or not responding, Windows XP would exceed its half-open connection limit, and connection attempts to reachable devices might time out as a result.

Workaround: If your network plan contains more than 10 devices, and you want to run RASM services on a Windows system, use a server OS, such as Windows 2000 or Windows 2003, instead of Windows XP.

On the SuSE Operating System, the default browser executable is Firefox. However, the Firefox browser is not included with the SuSE distribution; only the Konqueror browser is included. The Konqueror browser is not supported by RASM.

Workaround: Install a different browser for accessing RASM online help. Preferred browsers for Linux are Firefox, Opera, Mozilla, and Netscape.

If a Daylight Savings Time or time zone change occurs on the host machine where RASM is running, displayed timestamps are not automatically updated in RASM. This issue is actually a Java Virtual Machine (JVM) issue. The JVM does not detect date or time changes made at the OS level. See the following web page: bugs.sun.com/bugdatabase/view_bug.do?bug_id=4216582.

Workaround: Exit and restart RASM to place a date or time change made on the host machine that is running RASM into effect.

<p>Firmware Release 6.2.2.4:</p> <p>The Use reported fingerprint in RASM alarms does not work. Workaround: Copy the fingerprint from the RASM alarm, use the RAS CLI to configure, and then update RASM.</p> <p>A 'default' VLAN profile is created for use with Local Switching (Direct Path Forwarding), and changing the VLAN member in the default profile on one RAS will change the member on all RASs in the network plan. Workaround: Enterasys recommends creating a new VLAN profile with the current members on any switch with Local Switching enabled.</p> <p>The down arrow in some RASM configuration working areas will not move the scroll bar down to see the rest of the configured list. Workaround: The user can grab the scroll bar and drag it down the list, or click in the open scroll bar section to move the bar down.</p> <p>RASM license is showing the incorrect amount of AP's configured. This issue was resolved in the 5.0.12.2 Firmware Release, but it has been reopened in the 6.2.2.4 firmware.</p> <p>When an RAS is configured in a network plan, and associated to a Wiring Closet in the RF Planning tool, the only way to change the country code settings and push the configuration change to the RASs is to change the country code through the RF Planning Tool.</p> <p>Alarms are showing APs unconfigured when they have already been configured.</p> <p>There is an open issue where any changes made to the switch, client, or AP monitor screen list will not be persistent after the next polling period has been completed.</p> <p>When running remote clients that access the server, all monitoring and configuration functions are possible from the client even if he doesn't have a license of any kind. Only the planning portion of RASM requires each remote client to have a license key. RASM employs a locking mechanism to prevent two remote clients from changing configuration in the same area of the plan.</p> <p>The channel and power settings shown in the RF Planning Tool portion of RASM do not reflect the current AP channels or power settings. To see the current AP settings, please go to the Monitoring screen, Status Summary, and the Access Points tab.</p> <p>Due to the AP name change from AP1102-EU to RBT-4102-EU in both the RBT-8x00 firmware and RASM management application, these devices will need to be re-associated to an area coverage in the RF Planning Tool.</p> <p>RASM application and other applications utilizing web services can run on the same PC/Server if the default port number (443) is changed in the RoamAbout Switch Manager.</p> <p>RASM does not accept AutoCAD files larger than 1 MB.</p>
--

For the most up-to-date information concerning known issues, go to the **Global Knowledgebase** section at <http://www.enterasys.com/support/>. To report an issue not listed in this document or in the **Global Knowledgebase**, contact our Technical Support Staff.

Tech Tip for Choosing External Antenna Types for the RBT-1602 (AP ID: AP1602 & AP1602C) and TRPZ-MP-422 (AP ID: MP422 & MP422A)

When you select an antenna type for the RBT-1602 and TRPZ-MP-422, the menu choices that are displayed are listed in the left-hand column in the table below. Use the antenna part numbers listed in the right-hand column to identify the correct menu choice.

RASM/RBT Antenna Choice:	Enterasys Antenna Part Number:
ANT1060	RBTES-BG-S1060
ANT1120	RBTES-BG-S07120
ANT1180	RBTES-BG-S06180
ANT5060	RBTES-AW-S1460
ANT5120	RBTES-AW-S12120
ANT5180	RBTES-AW-S10180

Tech Tip for the Channel availability for the new DFS2 model Access Points

DFS2 compliant Access Points support fewer channels than non-DFS2 compliant Access points.

Channel availability is based on the AP ID of the installed Access Point. An Access Point with the character of "A" or "C" on AP ID label denotes a DFS2 compliant device. The country of operation and regulatory domain determine exactly what channels are available for use.

IETF STANDARDS PROTOCOL SUPPORT:

Refer to the RoamAbout Wireless Switch (RBT-8xx0) software release notes for detailed features.

STANDARD MIB AND ENTERASYS PRIVATE MIB SUPPORT:

Refer to the RoamAbout Wireless Switch (RBT-8xx0) software release notes for detailed features.

CUSTOMER RELEASE NOTES

RADIUS STANDARD AND EXTENDED ATTRIBUTES SUPPORT:

Refer to the RoamAbout Wireless Switch (RBT-8xx0) software release notes for detailed features.

SNMP TRAP SUPPORT:

Refer to the RoamAbout Wireless Switch (RBT-8xx0) software release notes for detailed features.

GLOBAL SUPPORT:

By Phone: 978-684-1000
1-800-872-8440 (toll-free in U.S. and Canada)

For the Enterasys Networks Support toll-free number in your country:
<http://www.enterasys.com/services/support/contact>

By Email: support@enterasys.com

By Web: <http://www.enterasys.com/services/support>

By Fax: 978-684-1499

By Mail: Enterasys Networks, Inc.
50 Minuteman Road
Andover, MA 01810 (USA)

For information regarding the latest software available, recent release note revisions, or if you require additional assistance, please visit the Enterasys Networks Support web site.