

What's New in RFID Anywhere 3.0

This document contains release notes for the RFID Anywhere 3.0 release.

Overview

This RFID Anywhere 3.0 release is a major product release that introduces some new functionality and addresses some issues identified since the last release (2.6). Updated components include the core RFID Anywhere functionality, the RFID Label Designer, connector packaging and the introduction of the Location Information System.

RFID Anywhere 3.0 contains all of the updates and fixes found in the RFID Anywhere 2.0.1, 2.1, 2.5, 2.5.1 and 2.6 releases.

New installations of RFID Anywhere should use this 3.0 release. If you have an existing installation, you should upgrade to this release to get access to the updated functionality and software fixes. All existing packages must be upgraded to the latest versions. Existing custom business modules, simulation files and DPPs may need to be recompiled as well.

Summary of the installation process

The RFID Anywhere 3.0 release is distributed as a complete installation program for new users, and separate MSI files which must be deployed to an existing RFID Anywhere 2.0, 2.0.1, 2.1, 2.5, 2.5.1 or 2.6 installation using the Provisioning page of the RFID Anywhere Administrator Console. Double-clicking these MSI files will not correctly install the updates.

See the RFID Anywhere Getting Started Guide for detailed instructions on installing the RFID Anywhere 3.0 updates using RFID Anywhere's provisioning capabilities.

What's new in this release

Core updates

DPP is now installed as a separate package. This should be installed before using any RFID readers or simulators.

Upgrading Core requires all packages to be deployed again

Core MSI has been repackaged to remove most controllers. Connector packages now contain controller libraries.

Added support to update size of SOAP packages. You should increase the size of SOAP package to deploy packages that are larger than 5MB.

Added performance counters to RFID readers
Added support for Real Time Location Systems

Added support for setting permissions to aspnet and Network Service users during install

References need to be reset on existing BM packages to build properly

Introduction of JMS messaging connector

Known Issues

Need to stop and start RnService when adding a peer from the Managed Systems page when using Enterprise Manager

Need to restart the computer if IP address on the RFID Anywhere computer changes

When editing default properties of an object array (eg. Smoothing values of an Antenna) from Enterprise Manager, the updates are not reflected until you edit them again

Enterprise Manager slows down considerably if any one of the Site Manager that is connected has a firewall blocking all TCP / IP traffic

Uninstall of Enterprise Manager fails sometimes with the message that the dbsrv9 file is in use. Kill the dbsrv9 process manually and retry and uninstall will succeed

When upgrading to the latest core and EMSupport installation from a previous version, you must deploy the EM Support package prior to deploying the latest Core package

Port 80 should be open on both Site Manager and Enterprise Manager to be able to communicate with each other. If using SSL, Port 443 should be open on both Site Manager and Enterprise Manager to communicate with each other

Port 80 should be open to deploy packages using Enterprise Manager, although SSL support can be configured

If certain connectors have a dependency on another connector, then it is recommended that you create the connectors in separate steps using Enterprise Manager

Deploying a CAB file from Enterprise Manager does not return a Success / Fail status

Enterprise Manager will use the HTTP Proxy settings specified in Internet Explorer when connecting from the Enterprise Manager UI to the Enterprise Manager server

If IP address of the Enterprise Manager server changes, then you must select the new IP address on the Configuration page