

# Release Notes RSA SecurID® Software Token with Automation 4.1.2 for Windows and Mac OS X



April, 2013

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## Introduction

RSA SecurID® Software Token with Automation 4.1.2 (the SecurID desktop application) provides strong authentication from Windows and OS X desktops and laptops to Virtual Private Networks (VPNs) and other resources protected by RSA SecurID.

This document lists what's new in RSA SecurID Software Token with Automation 4.1.2 and contains other information you need before installing the application. It also describes workarounds for known issues. This document contains the following sections:

- [What's New in This Release](#)
- [What's Changed in This Release](#)
- [Operating System Requirements](#)
- [Supported Provisioning Servers](#)
- [Windows Product Packages](#)
- [OS X Product Packages](#)
- [Upgrades](#)
- [Known Issues on Windows and OS X Systems](#)
- [Known Issues on Windows Systems](#)

These *Release Notes* may be updated. The most current version can be found on RSA SecurCare Online at <https://knowledge.rsasecurity.com>.

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## What's New in This Release

RSA SecurID Software Token 4.1.2 with Automation provides support for 64-bit Windows and OS X operating systems. (For OS support, see [Operating System Requirements](#) on page 2.) This release allows 64-bit VPN applications to integrate with the 64-bit SecurID desktop application. With RSA SecurID integration, VPN client applications can obtain tokencodes automatically so that users can authenticate to their VPN client without having to manually copy and paste tokencodes. The user only needs to enter his or her username and RSA SecurID PIN.

**Important:** Version 4.1.2 runs only on 64-bit operating systems. Customers with existing deployments on 32-bit operating systems should continue to use Version 4.1.1.

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## What's Changed in This Release

- The Standard version of the application (without Automation) is not supported.
- The RSA SecurID Trusted Platform Module/Smart Card Plug-In 1.0 is no longer supported.
- The following custom features are no longer supported:
  - VpnMode custom policy. This policy was associated only with Windows XP systems. For information about customizing the SecurID desktop application, see the *Administrator's Guide*.
  - FirefoxPlugin (web browser plug-in for Firefox). The option is no longer provided either through the command line or in the interactive installation program.
  - STOPVISTABROWSER command line property. This policy was associated only with Windows Vista systems.
- To use connected RSA SecurID 800 authenticators with RSA SecurID Software Token with Automation 4.1.2 (Windows only), you must install RSA Smart Card Middleware 3.6 on desktops and laptops. You can install the Middleware from the RSA Authentication Client 3.6 product kit. To download the kit, go to <https://knowledge.rsasecurity.com/scolcms/set.aspx?id=9588>. Follow the installation instructions in the *RSA Authentication Client 3.6 Installation and Administration Guide*.

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## Operating System Requirements

RSA SecurID Software Token with Automation 4.1.2 for Windows requires one of the following:

- Windows 2008 Server (64-bit)
- Windows 2008 Server R2 (64-bit)
- Windows 7 (64-bit)

RSA SecurID Software Token with Automation 4.1.2 for Mac OS X requires one of the following:

- OS X Lion (version 10.7, 64-bit)
- OS X Mountain Lion (version 10.8, 64-bit)

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## Supported Provisioning Servers

You can provision software tokens for use with the SecurID desktop application using:

- RSA Authentication Manager 8.0, including RSA Self-Service. With RSA Self-Service, users can request software tokens and manage their SecurID PINs, thereby reducing administrative overhead. For more information, see the document *Provisioning RSA SecurID Software Tokens with RSA Authentication Manager 8.0*.
- RSA Authentication Manager 7.1, including RSA Credential Manager, the self-service and provisioning component. With RSA Credential Manager, users can request software tokens and manage their SecurID PINs, thereby reducing administrative overhead.
- RSA SecurID Appliance 3.0
- RSA Authentication Manager 6.1
- RSA SecurID Authentication Engine 2.8.1 for Java (SAE for Java)
- RSA SecurID Authentication Engine 2.3 for C (SAE for C)

SAE is an Application Programming Interface (API) that provides the backend authentication functions of RSA SecurID. You can integrate SAE into your existing infrastructure to authenticate SecurID desktop users. SAE supports exporting software token files (SdTID files). It does not provide out-of-the-box support for dynamic seed provisioning (CT-KIP). For more information go to <http://www.emc.com/security/rsa-securid/rsa-securid-authentication-engine.htm>.

## Windows Product Packages

### Windows Installation Package

The RSA SecurID Software Token with Automation 4.1.2 for Windows installation package, **RSASecurIDToken412.zip**, contains the following files.

File	Description
<b>RSASecurIDTokenAuto412x64.msi</b>	Application installer file
<b>defDesktop-Windows-4.x-Auto-swtd.xml</b>	Device definition file required for provisioning tokens to the Windows platform with RSA Authentication Manager 7.1. For first-time installations of the SecurID desktop application, you must import the device definition file into Authentication Manager. For upgrades, use the device definition file you imported previously.  <b>Note:</b> If you are using RSA Authentication Manager 8.0, you do not need to import the device definition file. Authentication Manager 8.0 contains the device definition files for the SecurID desktop application.
<b>template\RSASecurIDToken.adm</b>	Administrative template for customizing the application using Windows Group Policy. For more information, see the <i>Administrator's Guide</i> .

### Windows Documentation Package

The RSA SecurID Software Token with Automation 4.1.2 for Windows documentation package, **RSASecurIDTokenDocs412.zip**, contains the following files.

File	Description
<b>SecurIDToken412_admin.pdf</b>	<i>Administrator's Guide</i>
<b>SecurIDToken412_quickstart.pdf</b>	<i>Quick Start</i> guide for end users
<b>SecurIDToken412_release_notes.pdf</b>	These <i>Release Notes</i>
<b>SoftwareTokenProvisioningAM8_admin.pdf</b>	<i>Administrator's Guide</i> for provisioning software tokens with RSA Authentication Manager 8.0

### Windows Token Library SDK and Utility Packages

The following token library SDK and utility packages are available for the Windows implementation.

File	Description
<b>RSASecurIDSDK412.zip</b>	Token Library SDK for Windows. Allows developers to use the Software Token Automation APIs to integrate the RSA SecurID Software Token 64-bit framework into their applications. To download the SDK, go to <a href="https://knowledge.rsasecurity.com/scolcms/set.aspx?id=8554">https://knowledge.rsasecurity.com/scolcms/set.aspx?id=8554</a> .

File	Description
RSASecurIDUtils412.zip	<p>RSA SecurID Token Import utility (Token Importer). Command line utility for importing software tokens into token storage devices supported by the SecurID desktop application. You can import tokens from token files (SDTID files) or from a CT-KIP server URL without interacting with the desktop application's user interface (unless importing to a password-protected device). To download this package and associated documentation, go to <a href="http://www.emc.com/security/rsa-securid/rsa-securid-software-authenticators/ms-windows.htm">http://www.emc.com/security/rsa-securid/rsa-securid-software-authenticators/ms-windows.htm</a>.</p> <p><b>Note:</b> No changes were made to the Token Importer for this release. If you have used version 4.1.1 of the Token Importer, you can continue to use it with version 4.1.2 of the SecurID desktop application.</p>

## OS X Product Packages

### OS X Installation Package

The RSA SecurID Software Token with Automation 4.1.2 for Mac OS X installation package, **RSASecurIDMac412.dmg**, contains the following files.

File	Description
RSASecurIDTokenAutoMac412x64.pkg	Application installer file.
defDesktop-Mac-4.x-Auto-swtd.xml	<p>Device definition file required for provisioning tokens to the OS X platform with RSA Authentication Manager 7.1. For first-time installations of the SecurID desktop application, you must import the device definition file into Authentication Manager. For upgrades, use the device definition file you imported previously.</p> <p><b>Note:</b> If you are using RSA Authentication Manager 8.0, you do not need to import the device definition file. Authentication Manager 8.0 contains the device definition files for the SecurID desktop application.</p>
templatelcom.rsa.SoftwareToken.Policies.plist	Administrative template file for customizing the application using a plist file. For more information, see the <i>Administrator's Guide</i> .

### OS X Documentation Package

The RSA SecurID Software Token with Automation 4.1.2 for Mac OS X documentation package, **RSASecurIDMacDocs412.dmg**, contains the following files.

File	Description
SecurIDToken412_admin.pdf	<i>Administrator's Guide</i>
SecurIDToken412_quickstart.pdf	<i>Quick Start</i> guide for end users
SecurIDToken412_release_notes.pdf	These <i>Release Notes</i>
SoftwareTokenProvisioningAM8_admin.pdf	<i>Administrator's Guide</i> for provisioning software tokens with RSA Authentication Manager 8.0

## OS X Token Library SDK and Utility Packages

The following token library SDK and utility packages are available for the OS X implementation.

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File	Description
RSASecurIDMacSDK412.dmg	Token Library SDK for Mac OS X. Allows developers to use the Software Token Automation APIs to integrate the RSA SecurID Software Token 64-bit framework into their applications. To download the SDK, go to <a href="https://knowledge.rsasecurity.com/scolcms/set.aspx?id=8555">https://knowledge.rsasecurity.com/scolcms/set.aspx?id=8555</a> .
RSASecurIDMacUtils412.dmg	RSA SecurID Token Import utility (Token Importer). Command line utility for importing software tokens into token storage devices supported by the SecurID desktop application. You can import tokens from token files (SDTID files) or from a CT-KIP server URL without interacting with the desktop application's user interface (unless importing to a password-protected device). To download this package and associated documentation, go to <a href="http://www.emc.com/security/rsa-securid/rsa-securid-software-authenticators/mac-os.htm">http://www.emc.com/security/rsa-securid/rsa-securid-software-authenticators/mac-os.htm</a> .

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**Note:** No changes were made to the Token Importer for this release. If you have used version 4.1.1 of the Token Importer, you can continue to use it with version 4.1.2 of the SecurID desktop application.

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## Upgrades

RSA SecurID Software Token with Automation 4.1.2 for Windows supports upgrading from version 4.1 and 4.1.1 with Software Token Automation only.

RSA SecurID Software Token with Automation 4.1.2 for Mac OS X supports upgrading from version 4.1.1 with Software Token Automation. Upgrades are not supported from OS X Mountain Lion.

To upgrade, run the version 4.1.2 installation program for your platform. Version 4.1.2 overwrites the previous version and copies the token database from the previous version to the version 4.1.2 token database.

## Known Issues on Windows and OS X Systems

This section explains issues that remain unresolved in both the Windows and OS X versions of this release and solutions or workarounds.

### Application displays token nickname incorrectly for token files issued with non-ASCII characters

**Tracking Number:** SWTDT-1328

**Problem:** If you issue a token file and assign a nickname (token name) containing non-ASCII characters (for example, ISO-Latin or Asian characters) using RSA Authentication Manager 6.1, the token name is not displayed properly in the RSA SecurID desktop application, although the token still works properly. Tokens issued using RSA Authentication Manager 6.1 and imported into version 4.0 of the application may display the token name incorrectly in version 4.1.x if they are re-imported. However, tokens that are transferred from version 4.0 to version 4.1.x display the token name correctly. If you issue tokens using RSA Authentication Manager 7.1, and you need to use non-ASCII characters, you must configure Authentication Manager to use the UTF-8 character set. Otherwise, the token might not be imported, or the application will not display the token name correctly.

**Workaround:** Use one of the following workarounds:

- **RSA Authentication Manager 6.1.** Use only ASCII characters when issuing the token file, or instruct the user to rename the token in the application.
- **RSA Authentication Manager 7.1.** Configure Authentication Manager to use the UTF-8 character set. For instructions, contact RSA Customer Support.

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## Known Issues on Windows Systems

This section explains issues that remain unresolved in the Windows version of this release and solutions or workarounds.

### Path to token database is not set correctly in the Windows registry if the SecurID desktop application is installed as SYSTEM

**Tracking Number:** SWTDT-1509

**Problem:** If you install RSA SecurID Software Token 4.1.2 for Windows as SYSTEM, for example, by silently installing the application using Microsoft Systems Management Server (SMS), the DatabasePath registry entry may be created incorrectly. When the user launches the application, the Import Token screen is displayed because the application cannot find the token database.

**Workaround:** If you install the application as SYSTEM, using SMS or another third-party installer, always set the database directory using the SETDATABASEDIR command line property. For example, on a Windows 7 system, use a command similar to the following, where *pathname* is the path to the directory that contains the MSI file:

```
msiexec /qn /i pathname\RSASecurIDToken412.msi /lv c:\install.log
SETDATABASEDIR="~/Local Settings/Application Data/RSA/RSA SecurID Software Token
Library"
```

### The installation program adds the language setting required by the web browser plug-in for Internet Explorer only for the local user who installs the application

**Tracking Number:** SWTDT-624

**Problem:** When you install the web browser plug-in for Internet Explorer with the SecurID desktop application, the en-secrid language setting, which allows the browser to recognize web pages protected by RSA SecurID, is added only for the local user who installs the application. To enable the browser plug-in for other users, users must add the language setting manually.

**Workaround:** Provide users with instructions for adding the language setting. Users who uninstall the application should verify that the en-secrid setting has been removed. If it has not, they should manually remove it to restore the browser's original language settings.

**To add the en-securid language setting:**

1. Open Internet Explorer.
2. Click **Tools > Internet Options**.
3. On the **General** tab, click **Languages**, and then click **Add**.
4. In the **User Defined** field, type **en-securid**.
5. Click **Move up** to move the **User-defined [en-securid]** setting to the top of the list.
6. Click **OK** to exit from each dialog box.

**To remove the en-securid language setting:**

1. Open Internet Explorer.
2. Click **Tools > Internet Options**.
3. On the **General** tab, click **Languages**.
4. In the **Language** section, select **User-defined [en-securid]**, and select **Remove**.
5. Click **OK** to exit from each dialog box.

**Uninstalling the SecurID desktop application deletes the user registry and token database only for the user who performs the uninstallation.**

**Tracking Number:** SWTDT-1429

**Problem:** The RSA SecurID desktop application uninstaller program removes the user registry and the token database only for the user who uninstalls the application. For example, on a shared computer, the registry entries and token database are removed for the person who uninstalled the application, but are not removed for other users of the computer.

**Workaround:** Manually remove the **HKEY\_CURRENT\_USER\Software\RSA\Software Token** registry key and the database directory for all users of a machine. The database directory location on Windows 7 and Windows Server 2008 is:

```
C:\Users\userid\AppData\Local\RSA\RSA SecurID Software Token Library
```

**The countdown display in the SecurID desktop application does not match the countdown display on the connected RSA SecurID 800 authenticator**

**Tracking Number:** SWTDT-986

**Problem:** The RSA SecurID desktop application has a countdown display that shows the number of seconds remaining before the tokencode changes. When you use a connected SecurID 800 authenticator with the application, the countdown display in the application does not match the countdown display on the front of the SecurID 800. The display on the SecurID 800 is the true countdown time.

**Workaround:** Even though the remaining time displayed in the application may be different, the user can still authenticate successfully with the SecurID 800.

**Removing the Local Hard Drive (RSA) plug-in from the application does not remove the token database**

**Tracking Number:** SWTDT-1358

**Problem:** If you uninstall the Local Hard Drive (RSA) plug-in (HDDPlugin), but you do not uninstall the entire application, the token database is not removed from the computer.

**Workaround:** To remove the token database, uninstall the entire application. This removes the token database for the user who performs the uninstallation. On a shared computer, use the workaround described in Tracking Number 1429 to remove the token database for all users of the computer.

**Using certain customization policies together is not supported**

**Tracking Number:** SWTDT-1364

**Problem:** Using the ActivationCode customization policy in conjunction with the OnlyOneToken policy causes issues. RSA does not support using the two policies together.

**Workaround:** If you want to autoimport a single token, use the ActivationCode policy with the CtkipURL policy, but do not use the OnlyOneToken policy.

## Getting Support and Service

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RSA SecurCare Online	<a href="https://knowledge.rsasecurity.com">https://knowledge.rsasecurity.com</a>
Customer Support Information	<a href="http://www.emc.com/support/rsa/index.htm">www.emc.com/support/rsa/index.htm</a>
RSA Solution Gallery	<a href="https://gallery.emc.com/community/marketplace/rsa?view=overview">https://gallery.emc.com/community/marketplace/rsa?view=overview</a>

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