

# RSA SecurID® SID800 Hardware Authenticator

Extending the gold standard for two-factor user authentication

## At a Glance

- Supports OTP, digital certificate and password credentials
- Maintains traditional anywhere, anytime access
- Provides OTP auto-entry for ease of use
- Includes a smart chip based on Sun Java technology for future applications

The RSA SecurID® SID800 authenticator is a multi-function device that combines the industry proven features of the world leading RSA SecurID hardware authenticator with a smart chip based on Sun® Java® technology, packaged together in a more convenient USB form factor. This single authenticator is designed to generate time synchronous one-time-passwords (OTP) for anytime, anywhere access, support PKI for authentication, digital signatures and file encryption and securely store password information; making it an ideal choice for a wide range of environments where diverse system, application and customer needs exist.



RSA SecurID SID800

## Portable and Easy to Use

The RSA SecurID SID800 authenticator, which easily connects to any key ring, displays a unique code that changes every 60 seconds. The device can be used either disconnected or connected to the USB port. When disconnected, the user simply reads the token code from the authenticator's display and types their corresponding passcode (PIN + token code) into the application dialogue box as required. In connected mode, the RSA SecurID SID800 authenticator is enabled for automatic token code entry allowing applications to programmatically access token codes directly off the device, eliminating the need for the user to type their code.

## Flexible—Supports Multiple Credential Types, Future Applications

Customers looking for the ability to choose the optimum credential type for their specific applications will appreciate the flexibility of the RSA SecurID SID800 authenticator. In addition to generating RSA SecurID one-time-passwords, it is capable of storing multiple X.509 digital certificates which enable authentication, digital signature and file encryption applications. The device can also store several userID and static password combinations for logon to password enabled applications. Support for mixed credential types enables the device to be used for more applications, thus increasing its value to the user.

The on-board smart chip based on Sun Java technology and operating system also supports post issuance of applications and enhancements, providing future flexibility to optimize the investment.



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## Interoperates with Microsoft® Windows® Operating System and More

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The RSA SecurID SID800 authenticator supports three methods of logging into Microsoft® Windows®. First, the device can be used in conjunction with RSA SecurID for Microsoft Windows, leveraging the investment in RSA SecurID technology and enabling a common strong authentication experience for end users inside and outside the enterprise. Second, a hardened digital certificate can be created using the RSA SecurID SID800 authenticator and used for native Microsoft Windows login and, lastly, the manual entry of usernames and passwords can be eliminated by storing them on the device.

RSA SecurID technology is integrated with over 300 certified third-party applications. This helps to lower deployment costs by providing the assurance that important applications are “RSA SecurID Ready®”

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## Simplified Credential Management Software

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The RSA Authenticator Utility, client software supplied with the authenticator, enables the USB connected functions for RSA SecurID technology one-time-password auto entry, digital certificate use and smart card management. It also detects password change requests and automatically updates the password store. The software utility was designed to conform to Microsoft’s installer framework (MSI) and Systems Management Server (SMS) for simplified application deployment, installation and update.

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### TECHNICAL SPECIFICATIONS\*

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Dimensions: 86mm(L) x 27mm(W) x 10mm(H)

Weight: 21g

Operating temperature: -20°C to 65°C

Connector type: USB type A (Universal Serial Bus)

Battery life: up to 5 years

Smart card memory: 64K

API and standards: PKCS#11, MSCAPI

PKI & crypto algorithm support:

Key generation: DES/3DES and RSA 1024 bit

RSA signature: 1024 bit

DES, 3DES(CBC,EBC), SHA-1

ANSI X9.31 PRNG

Tamper evident: Conforms to ISO 13491-1; ISO DIS 13491-2 Annex A, Section A.1.1., Statement A1, A2 and A4.

Java Virtual Machine (JVM): Java Card v2.1.1

Open (global) platform: Open Platform v2.0.1

O/S platforms: Windows 2000, XP Pro, XP Home and 2003 Enterprise Edition

For more information about RSA SecurID technology and other RSA SecurID authenticators, please visit us at:

<http://www.rsa.com/node.asp?id=1156>.



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