

RSA SECURID® AUTHENTICATORS

The gold standard in two-factor authentication

AT A GLANCE

- The world's most popular and secure enterprise authenticator solutions
- Secures internal and remote network access
- Offers easy-to-use, “zero footprint” options
- Available in multiple form factors including hardware and software tokens as well as On-demand authenticators

When organizations have confidence their information is secure, they are empowered to use it to accelerate their business. Identity assurance creates confidence and extends user authentication from a single security measure to a continual trust model that is the basis of how an identity is used and what it can do. The RSA SecurID® authentication system is a key component of an organization's identity assurance strategy. Trusted identities managed by RSA bring confidence to everyday transactions and support new business models providing secure access for employees, customers and partners while striking the right balance between risk, cost and convenience.

Thousands of organizations worldwide rely upon the RSA SecurID authenticators to protect valuable network resources. Used in conjunction with RSA® Authentication Manager, an RSA SecurID authenticator requires users to identify themselves with two unique factors—something they know and something they have—before they are granted access. Millions of people use RSA SecurID authenticators to securely access VPNs, wireless access points, web applications and network operating systems. RSA offers a wide variety of authenticator options that meet your needs whether cost, convenience or security is your priority.

RSA SecurID authenticators help organizations protect private information and assure identities of people, devices and applications exchanging that information. They are designed to fit seamlessly into the existing business infrastructures of over 30,000+ organizations worldwide. With over 25 years of outstanding performance and innovation, the RSA SecurID solution remains an industry standard for organizations which want to protect key business data assets. RSA SecurID authenticators provide organizations with:

- Strong network security,
- Reliable authentication,
- Convenient solutions for end-users and
- A choice of form factors and options.

STRONG NETWORK SECURITY

Each RSA SecurID authenticator has a unique symmetric key that is combined with a proven algorithm to generate a new one-time password (OTP) every 60 seconds. Patented technology synchronizes each authenticator with the security server, ensuring a high level of security. The one-time password—something the user has—is coupled with a secret personal identification number (PIN)—something the user knows—to create a combination that is nearly impossible for a hacker to guess. This protection is priceless when the risk of exposing critical information resources is considered.

[Data Sheet](#)



RELIABLE AUTHENTICATION

For an enterprise depending on the broad distribution of tokens to protect access to information and applications, token reliability is a major concern. RSA offers industry-leading levels of reliability and RSA SecurID hardware tokens are designed to withstand the worst imaginable conditions. From temperature cycling to mechanical shocks to being immersed in water, RSA SecurID hardware tokens are subjected to rigorous tests to ensure that user organizations do not face hidden costs due to token failures. By selecting RSA SecurID tokens, organizations can reduce the overhead costs of distributing replacement tokens and drive down the overall cost of security while providing a consistent and easy-to-use authentication experience for end-users.

CONVENIENT SOLUTION FOR END-USERS

Whether hardware, software or on-demand SMS authenticators, RSA SecurID tokens are as simple to use as entering a password, but much more secure. Each end-user is assigned an authenticator that generates a one-time-use code. When logging on, the user simply enters this number plus a PIN to be successfully authenticated. Software tokens and the On-demand token offer additional convenience by enabling devices end-users already use—laptops and desktops, phones, USB devices—to be used as authenticators.

A WIDE VARIETY OF FORM FACTORS AND OPTIONS

One size does not fit all when it comes to choosing the right authenticator to balance your security, total cost of ownership and end-user security needs. With a broad range of easy-to-use form factors, there are RSA SecurID authenticators available to suit a wide variety of organization and application requirements. RSA offers hardware and software, as well as on-demand authenticators that provide strong authentication using familiar devices that users already have. RSA SecurID technology is also supported by a wide range of certified partner devices.

Hardware Authenticators

The RSA SecurID hardware token comes in a variety of convenient models that all generate and display new codes every 60 seconds.

RSA SecurID 200



The RSA SecurID 200 is the original RSA SecurID hardware token. This business card holder-sized device provides the same excellent performance guaranteed from every RSA SecurID authenticator.

RSA SecurID 520



The RSA SecurID 520 PINpad model is the same size as the RSA SecurID 200 but has a PINpad feature that enables users to encrypt their passcode for a higher level of security.

RSA SecurID 700



The RSA SecurID 700 is a small key fob that connects easily to any key ring and fits into a user's pocket or small carrying case.

RSA SecurID 800



The RSA SecurID 800 offers the one-time password functionality of the other hardware authenticators and can be used for storage of Windows® username/password credentials and digital certificates—creating a master key for multiple authentication methods. When connected, the RSA SecurID 800 is enabled for automatic token code entry, allowing applications to programmatically access token codes directly off the device and eliminating the need for the user to type their code.

RSA SecurID 900



The RSA SecurID 900 combines the industry-proven features of RSA SecurID hardware authenticators with a light transaction signing function to strongly protect business transactions. End-users can use a unique token code that changes every 60 seconds to add additional security while logging into a financial application. Additionally, end-users can also protect an individual financial transaction by marking it with a transaction-specific digital signature.

Software Authenticators

RSA SecurID software tokens use the same algorithm as RSA SecurID hardware tokens while eliminating the need for users to carry dedicated hardware devices. Instead of being stored in hardware, the symmetric key is safeguarded securely on the user's PC, smart phone or USB device. RSA SecurID software authenticators reduce the number of items a user has to manage for safe and secure access to corporate assets. Software tokens can help the enterprise cost-effectively manage secure access to information and streamline the workflow for distributing and managing two-factor authentication for a global work force. Additionally, software tokens can be revoked and recovered when someone leaves the company or loses a device, eliminating the need to replace tokens.

RSA SecurID software tokens for smartphones



RSA SecurID software tokens are available for a variety of smart phone platforms including BlackBerry®, iPhone®, Android®, Nokia®, Windows® Mobile, Java™ ME, and Symbian OS and UIQ devices.

RSA SecurID Token for Windows and RSA SecurID Token for Mac OSX



The RSA SecurID Token for Windows and RSA SecurID Token for Mac OSX are convenient form factors that reside on a PC or Mac and enable automatic integration with leading remote access clients. An extra layer of security can also be added to the RSA SecurID Token for Windows when it is used in conjunction with the Dell® E-family of Laptops, where the token can be embedded in a secure chipset.



The RSA SecurID Toolbar Token combines the convenience of auto-fill capabilities for web applications with the security of anti-phishing mechanisms.



The RSA SecurID On-demand Authenticator is an innovative solution that enables users to receive a one-time password as an SMS message delivered to their cell phone or via e-mail. Users request a one-time password through an intuitive self-service web module by entering their PIN. The On-demand Authenticator is a true zero footprint authenticator and requires no hardware or software token. It's a great choice for users that do not need to frequently access the network remotely.

ABOUT RSA

RSA, The Security Division of EMC, is the premier provider of security, risk and compliance management solutions for business acceleration. RSA helps the world's leading organizations solve their most complex and sensitive security challenges. These challenges include managing organizational risk, safeguarding mobile access and collaboration, proving compliance, and securing virtual and cloud environments.

Combining business-critical controls in identity assurance, encryption & key management, SIEM, data loss prevention, continuous network monitoring, and fraud protection with industry leading eGRC capabilities and robust consulting services, RSA brings visibility and trust to millions of user identities, the transactions that they perform and the data that is generated. For more information, please visit www.rsa.com and www.emc.com.

RSA SecurID Ready Partner Authenticators

RSA has partnered with industry leaders, including SanDisk, RIM and UPEK, to create a wide variety of products that are RSA SecurID Ready. The availability of RSA SecurID two-factor authentication operating on a range of certified personal devices—from USB drives to smart phones to biometric devices—allows you to make strong authentication a convenient and cost effective part of doing business. Our formalized, proven Secured by RSA certification process puts each product through a series of tests to ensure that the end-user is getting the maximum available benefits from a joint solution. These products, combined with the RSA SecurID software authenticators, enable organizations to turn everyday devices that employees already have—or are planning on rolling out—into RSA SecurID authenticators.

