



RSA SecurID® Authenticators

The gold standard in two-factor authentication

At a Glance

- One of the most widely used authenticator solutions
- Easy-to-use, “zero footprint” options
- Secures internal and remote network access
- Available in hardware and software token form factors
- Interoperable with most leading remote access servers, VPNs, firewalls and web servers
- Transaction-signing capabilities for sensitive financial transactions

The RSA SecurID® authentication system is relied upon by thousands of organizations worldwide 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 virtual private networks (VPNs), wireless access points, remote access firewalls, web applications and network operating systems. Organizations seeking to validate specific financial transactions via transaction signing can also leverage the most recent addition to the RSA SecurID hardware family, the SID900 Transaction Signing Authenticator. The system is easy to use and manage, and results in centrally enforced security that provides a faster return-on-investment in most e-business initiatives.

RSA SecurID authenticators help organizations protect private information and manage the identities of people, devices and applications exchanging that information. They are designed to fit seamlessly into the existing e-business infrastructures of our approximately 20,000 customers worldwide. With a 20-year history of outstanding performance and innovation, RSA’s authentication solutions remain an industry standard for organizations looking to protect their key business data assets. RSA SecurID authenticators provide organizations with:

- Strong network security,
- Security made easy,
- Flexible security solutions,
- Protection of infrastructure investments,
- Transaction signing capabilities,
- The integrity and assurance of industry standards and
- A wide variety of form factors and options.



The Security Division of EMC

Strong Network Security

Each RSA SecurID authenticator has a unique symmetric key that is combined with a powerful algorithm to generate a new code every 60 seconds. Because the number is unpredictable and dynamic, it would be extremely difficult for a hacker to guess the correct number at any given time. Patented technology synchronizes each authenticator with the security server, ensuring a high level of security. This protection is priceless when the risk of exposing critical information resources is considered.

Security Made Easy

RSA SecurID authenticators are as simple to use as entering a password, but much more secure. Each end user is assigned an RSA SecurID authenticator that generates a one-time-use code. When logging on, the user simply enters this number plus a secret Personal Identification Number (PIN) to be successfully authenticated. As an added benefit, RSA SecurID hardware tokens are pre-programmed to be fully functional upon receipt. Administrators quickly find that the RSA SecurID solution can be much less expensive to manage than passwords.

Flexible Security Solutions

The RSA SecurID solution can allow organizations to drive down the total cost of ownership of many applications. RSA SecurID authenticators can be used by employees, business partners and customers. Whether they require access to remote access servers, VPNs, email, wireless networks, network operating systems, intranets, extranets, web servers or other information or applications hosted on UNIX/Linux servers or Microsoft® Windows® networks, RSA SecurID authentication helps to ensure that only authorized users are allowed entry to the network.

Protection of Infrastructure Investments

Through the RSA SecurID Ready® program, the products of more than 200 leading vendors of firewalls, remote access servers and VPNs support RSA SecurID authentication right out of the box. In addition, RSA® Authentication Agent software is available to allow the addition of two-factor authentication to network operating systems and applications, including Windows operating environments and web-based applications. This high level of interoperability allows administrators to protect initial authentication investments and is unmatched in the industry.

Transaction Signing Capabilities

RSA's new transaction signing authenticator is compatible with RSA SecurID Authentication Engine, a lightweight and easy-to-implement authentication software solution that can easily integrate directly into an organization's home-grown, externally facing applications. The RSA SecurID Authentication Engine is designed to fit into an organization's existing infrastructure and will simply validate a user's identity using a passcode. It will also validate the user's "signature" when presented with a response value by a user and validate that signature against the transaction data.

The Integrity and Assurance of Industry Standards

RSA SecurID authenticators have been designed to take advantage of the industry-standard Advanced Encryption Standard (AES) algorithm. Customers enjoy the integrity and assurance of quality provided by reliance on the AES algorithm.

A Wide Variety of Form Factors and Options

The RSA SecurID system is one of the world's leading two-factor user authentication solutions. With the broadest range of easy-to-use form factors, there are RSA SecurID authenticators available to suit the requirements of every organization. RSA offers both hardware and software authenticators that provide strong authentication access to corporate assets using familiar devices that users already have. RSA SecurID tokens also support qualified smart cards or USB authenticators.

Hardware Authenticators

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

The RSA SecurID SD200 is the original SecurID hardware token. This credit card-sized device provides the same excellent performance guaranteed from every SecurID authenticator.



RSA SecurID SD200

The RSA SecurID SD520 PINpad model resembles the SD200 but has a PIN pad feature that enables users to encrypt their passcode for a higher level of security.



RSA SecurID SD520

The RSA SecurID SD600 is a standard-sized key fob that connects easily to any key ring and fits into a user's pocket or small carrying case.



RSA SecurID SD600

The RSA SecurID SID700 is a smaller key fob model that is very convenient for the end user.



RSA SecurID SID700

The RSA SecurID SID800 offers the one-time password functionality of the other hardware authenticators as well as added functionality through a built-in USB connector and smart chip. This device can be used to generate one-time-use token codes as well as to store Windows username/password credentials and digital certificates. When connected, the RSA SecurID SID800 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 SID800

The RSA SecurID SID900 is the newest member of the family. This multi-function device combines the industry-proven features of RSA SecurID hardware authenticators with a transaction signing function to strongly protect business transactions. Using this portable and easy-to-use device, 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 individual financial transactions (e.g., a balance transfer) by marking it with their unique digital signature.



RSA SecurID SID900 Transaction Signing Authenticator. The PIN pad enables implementation of the digital signing function.



Software Authenticators

RSA SecurID software tokens use the same algorithms as the industry-leading RSA SecurID hardware tokens while eliminating the need for users to carry dedicated hardware devices and allowing authentication through familiar interfaces.

RSA SecurID software tokens are available for a variety of PC and handheld devices including those using Microsoft® Windows®. They are also available for leading smart phones and PDAs, including Research In Motion's BlackBerry® as well as Windows Mobile® and Palm® devices.



BlackBerry with RSA SecurID Software Token

The RSA SecurID Toolbar Token for Microsoft Internet Explorer® and Mozilla® Firefox® combines the convenience of auto-fill capabilities for web applications with the security of anti-phishing mechanisms.



RSA SecurID Toolbar Token

Authentication with Smart IDs

The RSA SecurID software token supports qualified smart cards or USB authenticators. The RSA Smart Card 5200 and the RSA Smart Key 6200 USB Authenticator can store the RSA SecurID symmetric key and are PIN protected. These devices also store digital credentials and support single sign-on with RSA® Sign-On Manager.

About RSA

RSA, The Security Division of EMC, is the expert in information-centric security, enabling the protection of information throughout its lifecycle. RSA enables customers to cost-effectively secure critical information assets and online identities wherever they live and at every step of the way, and manage security information and events to ease the burden of compliance.

RSA offers industry-leading solutions in identity assurance & access control, encryption & key management, compliance & security information management and fraud protection. These solutions bring 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.