



SafeWord™ PremierAccess™ Authenticators



Authenticators for SafeWord PremierAccess

Authenticator choices for SafeWord™ PremierAccess™ give you the most flexibility on the market. Not only does PremierAccess give you more authenticator and application choices than anyone else, but your company can also use any combination of tokens for the level of security that's right for you and your users.

Platinum and Gold 3000

These are the strongest authenticators providing strong, two-factor authentication. Two-factor authentication is the combination of: 1. what a user knows (a PIN) and 2. what a user has (an authenticator for generating one-time passwords).

A user first activates the token with a personal identification number (PIN), which prompts the token to provide a one-time, dynamic password. The user then enters the password into the Web or network application to perform authentication. The PIN is not vulnerable to theft or discovery through “sniffing” software, further ensuring security. If the token were to be stolen, the thief could not retrieve valid passwords from the token without the PIN. Upon being reported stolen, the administrator can immediately disable access with the token. The Gold 3000 token comes in a convenient keyfob package and includes a larger, user-friendly display.

Warranty: Gold 3000, 3-yr; Platinum, 5-yr.

Silver 2000

In a convenient keyfob package, Silver 2000 authenticators generate one-time passwords with the simple touch of a button. These passwords, like those generated by the Platinum or Gold 3000 tokens, can be used once, ensuring secure access. No PIN is required to activate this authenticator; however, customers may prefer to use the SoftPIN feature, which allows the addition of a 4-digit PIN entry with the password providing two-factor authentication.

Warranty: 3-yr.

SofToken™ II

Secure Computing's software-based token, SofToken™ II, is for users who want the security of one-time passwords but do not want to carry a hardware token. SofToken II generates a dynamic password just as the handheld tokens do, but the SofToken II software resides on the hard drive of the user's laptop or desktop system. PremierAccess software tokens can also be run on Palm handheld computers and Ericsson wireless smart phones.

SafeWord™ PremierAccess™

- Provides the most authentication choices on the market
- Lets you mix and match authenticators within your company
- Gives the right levels of security to the right people
- Adds advanced user authentication capabilities to VPN connections

Digital certificates

SafeWord PremierAccess supports digital certificates from major certificate authorities like VeriSign, Entrust, Microsoft, and Baltimore. PremierAccess can also generate its own certificates to deliver a flexible public-key solution. PremierAccess also supports certificates on a variety of storage devices, including all of the following:

Smart cards

A wide variety of smart cards are supported, including solutions from ActivCard, Gemplus, Datakey, Schlumberger, and more.

iKey 2000

Rainbow Technology's iKey 2000, a convenient smart card replacement device that plugs into a USB port and doesn't require a smart card reader.

Virtual Smart Cards

SafeWord PremierAccess additionally supports unique Virtual Smart Cards, which allow users to securely access public key-based applications from any computer in the enterprise without physical smart card readers. Convenient without sacrificing security, Virtual Smart Cards can be activated with either a memorized PIN, or with a dynamic password in conjunction with a token.

Biometrics

SafeWord PremierAccess also supports biometric-based access (positively identifying users based on fingerprints, signatures, and more). For example, PremierAccess interoperates with the Sony FIU-710, which combines fingerprint identification with smart card and digital certificate capabilities.

Memorized passwords

Memorized passwords are also supported by PremierAccess. Though less secure, under certain low-risk circumstances—such as employees logging into a secure company network on company premises—passwords may be your preferred option. Since memorized password solutions are susceptible to easily executed attacks, such as “shoulder surfing,” they are not recommended for business-to-business or high-value customer-to-business e-commerce applications.

The bottom line

Your company's authentication needs are unique, and SafeWord PremierAccess provides a flexible password security solution or the most secure authentication on the market—in any combination—PremierAccess's flexibility makes it easy for you to administer and control your authentication solution.

Authenticator	Business Type
Platinum Gold 3000 Silver 2000 Smart Cards iKey 2000	Banks, N.S.A. Finance organizations Fortune 2000 companies Health care organizations Multi-site companies Remote employees Business partners
Virtual Smart Cards SofToken II for PC, Palm, SmartPhone Digital certificates Biometrics	Retailers, Resellers Single-site companies with minimal remote access and no sensitive or secret data
Memorized passwords	End users and Single-site companies with no remote access or sensitive or secret data

Strong

Medium

Minimum



Platinum provides the strongest two-factor authentication on the market today.



Gold 3000 provides the strength of the Platinum in a smaller, easy to read unit.



Silver 2000 gives users one-time, dynamic passwords in a convenient keyfob package.



SofToken II delivers software-based two-factor authentication on PCs, wireless smart phones, and handheld devices.



The Rainbow iKey plugs directly into any USB port for authentication.

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