

Vanguard ez/Token™



Your security policy may mandate long and complex passwords, but is that secure enough? It's a dangerous world out there, and many companies are using more than one means of identifying users.

Vanguard ez/Token uses ActivIdentity™ or RSA® SecurID® tokens to provide two-factor authentication for users to log into the System z® Security Server or any other application using RACF® authentication.

Business Justification

- ❑ Requires no changes to logon screens.
- ❑ Allows you to dynamically choose which users will be authenticated with ActivIdentity, RSA SecurID®, or native RACF.
- ❑ Allows you to dynamically choose which users will or will not require a PIN number.
- ❑ Eliminates the need for users to remember passwords.
- ❑ Developed by security experts in the United States.

Two-factor Authentication

Vanguard ez/Token is a two-factor authentication solution that allows users to authenticate through either ActivIdentity or RSA SecurID tokens to the System z Security Server or any other application currently using RACF authentication.

The ez/Token solution provides a more secure alternative than the usual RACF user ID/password combination. With ez/Token, users substitute a new, one-time passcode in place of a password.

Passcodes are generated randomly every 60 seconds. For enhanced security, the passcode can be combined with a PIN number.

Key Features

With Vanguard ez/Token users can:

- Authenticate through either an ActivIdentity or an RSA SecurID token to log on to the mainframe via TSO, CICS, IMS, or any other application using RACF authentication.
- Perform New PIN and Next Token Code operations through a Web interface.

Next Token Code

The ez/Token Website Next Token Code page allows users to get the Next Token Code for their user ID, when necessary.

New PIN

The ez/Token Website New PIN page allows users to change the PIN for their user ID when necessary.

ez/Token Components

Vanguard ez/Token is comprised of the following components:

- **Security on Demand® Host Server**

The Security on Demand host server (VIPMAIN) runs as a started task on an IBM mainframe server. The Security on Demand host server is integrated with the Vanguard Security Solutions product installation.

Enhanced Authentication Module

- **ez/Token Agent Daemon**

The ez/Token Agent Daemon provides remote clients (such as the ez/Token Website and ez/Token Authentication Exit) the ability to authenticate with either ActivIdentity or RSA SecurID tokens, change PINs, and get the Next Token Code by redirecting requests from these remote clients to the RSA ACE/Server via the RSA Application Programming Interface (API).

- **ez/Token Mainframe Authentication Exit**

The ez/Token mainframe authentication exit selectively redirects certain RACF users to authenticate using RSA SecurID tokens instead of a RACF password. This exit talks to the ez/Token Agent Daemon.

- **ez/Token Website**

The ez/Token Website communicates with the ez/Token Agent Daemon to allow users to perform New PIN and Next Token Code operations. The ez/Token authentication exit on the mainframe does not have the capability to provide these interfaces therefore the website provides these functions.

Vanguard Integrity Professionals

We provide enterprise security software for large enterprises and government agencies that need to solve complex security challenges and meet regulatory compliance requirements.

Vanguard's Identity and Access Management, Audit and Compliance, and Intrusion Management solutions are easy to use, automated applications that provide a rapid return on investment.

With Vanguard solutions, IT, security and auditing professionals can save time, be more productive, and focus their attention on situations where human judgment is required.

For More Information

To learn more about the features and benefits of Vanguard enterprise security software solutions, visit www.go2vanguard.com.

Identity and Access Management Solutions

Vanguard Administrator™
Vanguard Advisor™
Vanguard Analyzer™
Vanguard Authenticator™
Vanguard ez/Integrator™
Vanguard ez/SignOn™
Vanguard ez/Token™
Vanguard PasswordReset™
Vanguard SecurityCenter™
Vanguard Tokenless Authentication™

Audit & Compliance Solutions

Vanguard Analyzer™
Vanguard Configuration Manager™
Vanguard Enforcer™
Vanguard inCompliance™
Vanguard Policy Manager™

Intrusion Management Solutions

Vanguard Enforcer™

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