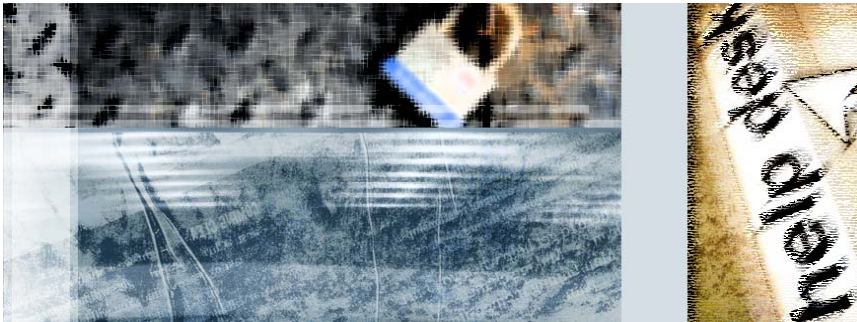


# Vanguard ez/Token™

Vanguard ez/Token authenticates through a RSA SecurID token to log into the System z Security Server® or any other application using RACF® authentication.



## Key Features

With Vanguard ez/Token users can:

- Authenticate through 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.

## Highlights

- ❑ Eliminates the need for users to remember passwords.
- ❑ Requires no changes to logon screens.
- ❑ Allows you to dynamically choose which users will be authenticated with RSA SecurID® or native RACF.
- ❑ Allows you to dynamically choose which users will or will not require a PIN number.
- ❑ Eliminates Help Desk calls for forgotten passwords.

## Two-factor Authentication

Vanguard ez/Token is a two-factor RSA SecurID authentication solution that allow users to authenticate through 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.

## Authenticate with ez/Token

The ez/Token authentication exit authenticates users logging on to the zSeries Server or any other application that uses RACF security, through RSA SecurID tokens.

## 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.

Vanguard ez/Token  
**Two-factor authentication**

**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.

**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 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.*



**For More Information**

To learn more about the features and benefits of Vanguard Administrator, contact Vanguard or visit <http://www.go2vanguard.com>

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