VANGUARD Tokenless Authentication ™

A complete, economical, multifactor authentication solution that generates and sends a one-time use, time-sensitive passcode to a mobile communication device the user already possesses.

Instead of using physical tokens that are synchronized to generate a matching random passcode, VANGUARD TOKENLESS AUTHENTICATION delivers strong authentication capabilities by generating and sending a one-time use, time-sensitive passcode to a mobile communication device the user already possesses. Authentication requires users to provide something they know and something they have as two factors that prove their identity during the secure sign-on process. Using two factors as opposed to one delivers a higher level of authentication assurance.

TOKENLESS AUTHENTICATION identifies users by their passwords (something they know) combined with a passcode sent to their personal communication device of choice (something they have). Since two factors are required for successful authentication, the chances of an unauthorized user breaching corporate security are greatly reduced.

Key Features:

- Provides a cost effective alternative to tokens, delivering a time-sensitive passcode to a mobile device or tablet.

- Provides selective inclusion or exclusion of multifactor authentication at both an application and user level.

- Allows for easy user ID to be distributed, identity mapping provides a one-to-one or one-to-many relationship.

Virtel

VANGUARD Tokenless Authentication ™

Reliable Secure Passcodes

With Vanguard Tokenless Authentication, the passcode is a pass ticket generated by the IBM® Security Server. Each pass ticket is generated based on a set of specific criteria.

The pass ticket is an 8- character text string based on the time it was issued, a key that is unique for each user and other factors that ensure its randomness.

The pass ticket is valid for only a short specified amount of time and can be used only once, which means it becomes useless if it is stolen, key logged or sniffed.

Pass tickets are reliable because they:

• Are generated only after the first factor credentials entered by the user are verified
• Are cryptographically generated
• Can be used only once and they expire

How It Works:

When a user logs on to the system, VANGUARD TOKENLESS AUTHENTICATION validates the user name and password at login, then generates and sends back an 8-character one-time use, time-sensitive passcode to, for example, the user's cell phone.
The user then enters the passcode as the second level of authentication.
Once the passcode is validated the user gains access to the system. Passcodes expire within a specified time.
In the event that a passcode expires before the user completes the sign on process, and they attempt to use the passcode, the system will not authenticate the user.

To generate a new passcode, the user simply has to re-authenticate with their username and password and the system will then send a new passcode to the user.

If the user is unable to receive communications due to poor service, the user is able to easily retrieve the passcode from a secure website, where they are required to provide answers to a predetermined set of questions (similar to the process for a self-enabling password reset application).

Virtel

VANGUARD Tokenless Authentication ™

Key Differentiators

- Cost effective solution to add multifactor authentication to z/OS Security Server.

- Extends multifactor authentication to any enterprise when leveraged with other Vanguard solutions.

- No need to deploy and administer expensive tokens.

- No additional authentication server is required.

- Generates a one-time, single-use, time-sensitive password as a «virtual token» utilizing the user's mobile device or tablet.

- Cryptographically generated passcodes that expire within a short period of time.

Virtel

Virtel et ses partenaires

L'assurance d'un expert, la garantie de solutions logicielles efficaces

Depuis 1993, la société Virtel représente des éditeurs majeurs en France et dans les pays francophones. Elle offre ainsi des solutions logicielles novatrices et fiables destinées tant aux grandes entreprises qu'aux PME.

Contact
302 Bureaux de la Colline
92213 Saint Cloud
Tél: 01 46 02 60 42
Email: **info@syspertec.com**
Site: **www.virtelweb.fr**

Virtel