



## **AuthenWare™ for Citrix**

### **Strong Authentication for On-Demand Remote Access Applications**

#### **Challenge**

Today's interconnected economy demands massive connectivity to remote applications by mobile employees, external partners and contractors. Providing remote user access to enterprise applications demands stringent application and data protection regardless of their location, type of device or operating system. Citrix XenApp™ is an on-demand application delivery solution that enables any Windows application to be virtualized and instantly delivered as a service to users anywhere, on any device.

Delivering this level of access requires rigorous security and authentication policies. Since Citrix XenApp is extremely flexible, it is critical that organizations ensure remote users receive authenticated, secure, and policy-appropriate access to their applications and resources at any time, from any place.

#### **Solution**

AuthenWare™ for Citrix ensures simple and secure remote access to XenApp-delivered corporate applications, while providing strong security and authentication.

The AuthenWare solution is a second-factor authentication that is very accurate and completely transparent to the end user. AuthenWare is a multi-factor authentication system that uniquely identifies the rightful owner of the username/password credentials being supplied by combining keystroke dynamics and heuristics to make user authentication and validation easy, cost-effective and reliable. With AuthenWare for Citrix you can be sure that:

- Only authorized users are granted access to applications or data
- Invalid access attempts are detected and prevented
- Stolen credentials are rendered useless
- Authentication is totally transparent to the user

#### **How It Works**

AuthenWare incorporates a breakthrough, multi-dimensional approach to validating identity. Using a series of security algorithms that record and measure a person's unique keyboard typing patterns, as well as other behavioral and environmental heuristics, the product creates a personal security pattern – the AuthenWare Singularity Pattern™ – that is as unique as the person's DNA. Based on a series of statistical singularities (aspects that distinguish one person from others), the pattern can even adapt to nuances in behavior such as those caused by medication, injury or fatigue.

Remote users attempting to access published applications in the Citrix XenApp Server are authenticated using the AuthenWare Singularity Pattern. Upon successful authentication, the user is seamlessly passed to Citrix and allowed to proceed.

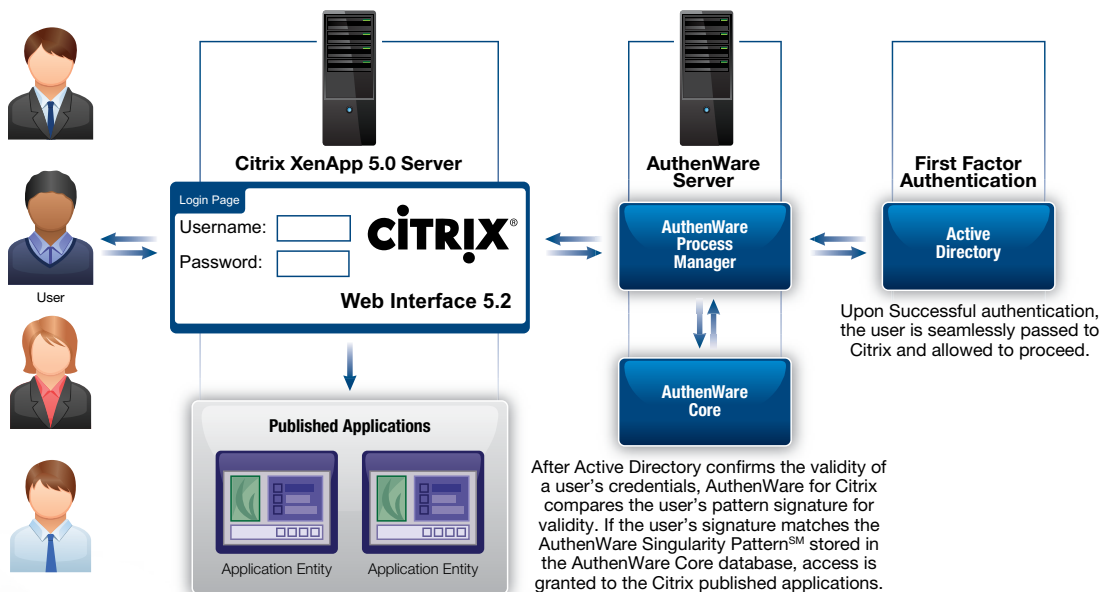
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## Features

- **Easy to implement** – dramatically increases security immediately
- **Safe** – validation signatures are encrypted and kept separate from personal information and directory stores.
- **Flexible** – customizable transaction-specific policies to respond to different regulations and requirements.
- **Configurable security** – including False Acceptance Rate, False Rejection Rate, and five levels of authentication security at the user, group, transaction, application and system level.
- **Manageable** – administrative console that provides flexible and detailed reporting for auditing, setting rules, policies and alerts.
- **Standards-based** – utilizes industry-standard Web service technologies.
- **Convenient** – may be deployed to internal or web-based applications, as well as embedded within third-party applications and systems.



## Benefits

- Out-of-the-box integration with Citrix XenApp
- Eliminates unauthorized access
- No additional end user hardware or software – completely transparent to the user
- Proven solution, certified by International Biometric Group (IBG) and Common Criteria
- Bolsters regulatory compliance
- Complements existing security and authentication strategies
- Saves money through reduced help-desk costs and low TCO
- Completely scalable solution
- Enhances user satisfaction and customer trust
- Over 70 million current users
- Certified "Citrix-Ready" product



## Platform Support

AuthenWare for Citrix is supported by any 32-bit or 64-bit client application and supports the following environments:

Citrix XenApp version 5.0 2003 and 2008

Server Side: Operating System – Red Hat Enterprise Linux 5.4

Client Side: Web Browser – Microsoft Internet Explorer 6.0 and up, Mozilla Firefox 3.0 and up, Safari 4.0 and up

Minimum Server Hardware:

1.6 GHz dual-core processor (physical machine), 2GB RAM, 60 GB free disk space, and a connection to the Internet

## About AuthenWare™

AuthenWare™ Corporation is a leading cybersecurity software provider. The Company's innovative tokenless authentication system delivers strong security through a combination of keystroke dynamics, behavioral and environmental characteristics to minimize identity theft, web fraud and other system vulnerabilities. The AuthenWare solution creates a unique personal security pattern that recognizes authorized users while keeping hackers out. AuthenWare is headquartered in Miami, FL, with offices around the world. Tens of millions of people use the company's products every day in a variety of industries, including financial services, government, healthcare, telecommunications and online retailers.

For more information, visit [www.authenware.com](http://www.authenware.com).

  
**AuthenWare™**  
Security Redefined.

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