

Safeguard Authentication Services for Smart Cards

Extend multifactor authentication capabilities of Windows-based smart cards to non-Windows systems

Benefits

- Strengthens authentication to non-Windows systems by adding a smart card factor to traditional username and password authentication
- Leverages existing expertise and investment in Active Directory and FIM to non-Windows systems
- Implements multifactor authentication solution without adding extra cumbersome infrastructure and management
- Enables Unix, Linux and Mac OS X platforms to become “full citizens” in Active Directory
- Extends Windows-based smart cards and Windows-based PKI to Unix, Linux and Mac OS X
- Supports one-time password (OTP) authentication for Defender, RSA SecurID and VeriSign

New government mandates, industry regulations and best-practices methodologies now require stronger authentication than offered by the traditional username and password approach. These changes have led many top organizations to implement multifactor authentication solutions such as smart cards, one-time password (OTP) tokens and biometrics. The challenge of multifactor authentication is implementing a solution with maximum efficiency and security, without adding extra cumbersome infrastructure and management burden.

One Identity Safeguard Authentication Services for Smart Cards by Quest offers a seamless solution to extend the multifactor authentication capabilities of Windows-based smart cards to non-Windows systems by leveraging an existing investment in Microsoft Active Directory (AD) and Microsoft Forefront Identity Manager (FIM).

Native capabilities of AD and FIM for non-Windows systems

Safeguard Authentication Services is the industry’s leading solution for integrating non-Windows systems and applications with Microsoft Active Directory – and the first to extend this capability with multifactor

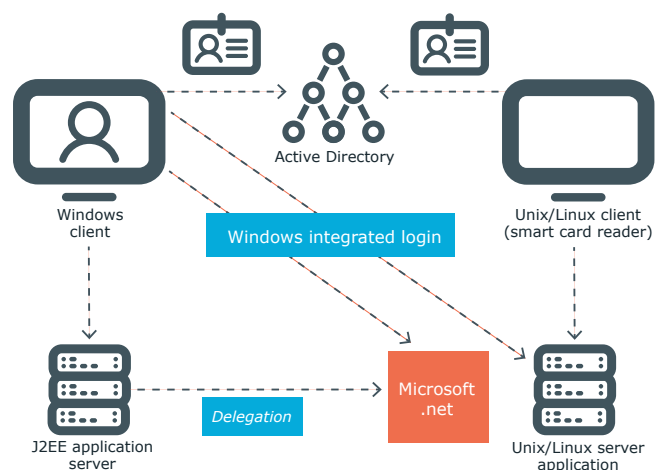


Figure 1. Safeguard Authentication Services for Smart Cards extends multifactor authentication to Unix, Linux and Mac OS X platforms, enabling them to become “full citizens” of Active Directory.

authentication. Safeguard Authentication Services allows Unix, Linux and Mac OS X platforms to become “full citizens” in Active Directory, allowing them to fully participate in an AD/FIM-based multifactor authentication strategy. One Identity Single Sign-on for Java™ provides the same capabilities for Java applications.

Features

Smart card authentication for non-Windows systems—

Automatically extend authentication to Unix, Linux and Mac OS X systems after swiping a Windows-based smart card at a Windows system. Authentication by Windows smart cards also occurs when swiped at a non-Windows system.

Extended certificate management—Seamlessly extend certificate management and smart card capabilities of FIM to Unix, Linux, Mac OS X and Java platforms.

“Password-less” solution—Deploy a “password-less” solution that spans Windows and non-Windows systems alike.

True single sign-on—Provide a true single sign-on experience across platforms for multifactor authentication.

Compliance satisfaction—Satisfy government regulations, industry mandates and best-practices initiatives across heterogeneous systems based on your existing investment.

Multi-platform support—Integrate with popular smart card vendors and support multiple smart card platforms.

Simple certificate management—Eliminate the need for additional certificate lifecycle management software required for non-Windows systems.

Leverage AD Group Policy—Manage Unix, Linux and Mac OS X smart card-enabled clients with AD Group Policy.

Java integration—Easily integrate Java-based applications with your established Windows smart card Infrastructure.

Platform coverage and peripheral technologies

Only Safeguard Authentication Services provides the integration with key smart card vendors, such as Gemalto, and important middleware providers, such as RAAK. It delivers a cross-platform multifactor authentication solution that satisfies the largest number of organizational needs and the widest range of deployment scenarios.

Safeguard Authentication Services—At its core, Safeguard Authentication Services provides centralized authentication for Unix, Linux and Mac OS X systems to Active Directory. With more than 1,500 current customers and 8 million seats, Safeguard Authentication Services is the clear market leader in AD bridge.

Safeguard Authentication Services supports:

- Multiple forests
- Multiple domains
- Any version of Windows Server at any forest functional level
- Two-way, one-way and even no-way trusts
- Both schema-based and schema-less migration options

About One Identity

One Identity by Quest, lets organizations implement an identity-centric security strategy, whether on-prem, in the cloud or in a hybrid environment. With our uniquely broad and integrated portfolio of identity management offerings including account management, identity governance and administration and privileged access management, organizations are empowered to reach their full potential where security is achieved by placing identities at the core of the program, enabling proper access across all user types, systems and data. Learn more at [OneIdentity.com](https://www.oneidentity.com)

© 2020 One Identity LLC ALL RIGHTS RESERVED. One Identity, and the One Identity logo are trademarks and registered trademarks of One Identity LLC in the U.S.A. and other countries. For a complete list of One Identity trademarks, please visit our website at www.oneidentity.com/legal. All other trademarks, servicemarks, registered trademarks, and registered servicemarks are the property of their respective owners.
Datasheet_SG-AuthServ-SmartCards_RS_63085