

Citrix Password Manager 4.1

The Citrix access platform provides on-demand access to information, and Citrix Password Manager™ makes that information available with a single logon. Citrix Password Manager removes a significant barrier to access by simplifying the process of logging onto password-protected Windows®, Web, and host-based applications. As the most efficient enterprise single sign-on solution for accessing these applications, Citrix Password Manager is a key component of an access platform implementation. The latest release of the product offers new functionalities including improved security and regulatory compliance, simplified user access, and streamlined management.

Citrix Password Manager delivers both business and technology benefits to the enterprise in the following areas:

Business Benefits

INCREASES IT SECURITY

Citrix Password Manager allows organizations to implement stricter password policies, automate password changes and keep passwords hidden from users, helping to eliminate poor password behaviors that create potential security risks. Security can be further strengthened by adding third-party multifactor authentication devices, including tokens, smart cards, and biometric devices, that interoperate seamlessly with Citrix Password Manager. Citrix Password Manager has also received third-party security certification, further demonstrating its enterprise class security.

ASSISTS WITH REGULATORY COMPLIANCE

Sarbanes-Oxley, Gramm-Leach-Bliley, HIPAA, European Union Data Protection Directive and other regulations mandate a higher level of internal controls over resources. From an IT perspective, compliance mandates a focus on access rights, privacy, security, risk management, records management, and business continuity. Citrix Password Manager enforces strong password policies, even for systems without this capability, provides automated password changes, and captures user access data in the event log.

REDUCES HELP DESK COSTS

On average, password-related help desk calls account for nearly 25% of call volume and businesses spend on average \$200 per year per person on password management, including maintaining help desks that reset lost passwords and unlock user accounts. Dealing with constant password problems disrupts employee and IT productivity. By simplifying, centralizing and automating password management, Citrix Password Manager significantly reduces help desk costs and allows organizations to recover this lost productivity.

SIMPLIFIES USER ACCESS TO IT RESOURCES

Users authenticate once with a single logon, and Citrix Password Manager authenticates the user to all other password-protected applications, giving users one, easy-to-remember secure way to logon everywhere. To further simplify access, Citrix Password Manager provides credential provisioning capabilities and integrates with user provisioning products to ensure that users do not need to manually enter secondary credentials at first time use. Multi-language support enables users to work in their native language. Citrix Password Manager is a key enabler of SmoothRoaming, which gives users the ability to switch easily between devices and move around an organization's campus without interruption to their Citrix access session.

IT Benefits

PROVIDES BROAD PLATFORM SUPPORT

Citrix Password Manager supports Windows, Web and host-based applications. Microsoft and Novell primary authentication are also supported, and pre-defined application definitions for popular enterprise applications are available out-of-the-box.

IS EASY TO IMPLEMENT

With the intelligent agent response technology, applications can be enabled for single sign-on via wizard-based configuration, eliminating the chore of creating, testing and maintaining scripts for logon and change password prompts.

GREATER IT SECURITY AND REGULATORY COMPLIANCE

| FEATURE | DESCRIPTION | BENEFITS |
|---|---|--|
| Password policy enforcement | Specifies strong password characteristics such as length, character repetition and alphanumeric requirements on a per-application basis — applies to manual and automated password changes. | Strong password policies provide enhanced security. |
| Automated password generation | Administrators can enable automated generation of passwords according to password policies. | Strong passwords are generated for improved security and password changes are easier for users. |
| Transparent password change | Password change process can be made transparent with passwords hidden from end-users. | Passwords remain hidden from end users and only the primary network logon needs to be deactivated to de-provision user access. |
| NEW Password expiry management | Administrators can force regular and transparent password changes on applications that do not have password change functionality. | Achieve greater security and regulatory compliance even for applications that do not have password change functionality. |
| Encryption of credential information | User credentials are always encrypted, whether in storage, transmission or memory. | Helps prevent passwords from being stolen by others. |
| Interoperability with multifactor authentication devices (smart cards, tokens, biometric devices) | Password Manager works with the Windows security subsystem and interoperates with many popular multifactor authentication devices including certificate-based and password-based devices. | Enhances IT security with no additional integration required. |
| Central store | Uses Microsoft® Active Directory,® Microsoft NTFS network shares, or Novell shared folders to store credentials. | Manages all credentials in a single, safe and secure location. |
| Re-authentication settings | Sets a time interval for password re-authentication such as at every logon, once per session, or as frequently as desired. | Protects against walk-away security breaches. |
| NEW Cryptographic data integrity assurance | Provides an additional layer of security control by using cryptographic signing to ensure the integrity of configuration settings and policies read by the Password Manager agent. | Protects against man-in-the-middle and phishing hacker attacks on the corporate network. |
| *NEW Event logging | Logs end-user events such as logon, password change, authentication, and data signing* and saves them to the Windows Event Log. | Provides an audit trail to help achieve compliance with regulatory requirements. |
| 3rd-Party security certification | As indicated through an external security review, Password Manager is secure and follows security best practices. | Trust enterprise credentials with proven security. |

SIMPLIFIED USER ACCESS TO IT RESOURCES

| FEATURE | DESCRIPTION | BENEFITS | |
|------------|--|---|---|
| | Single logon | Users logon once with their network credentials and Password Manager automates subsequent logons to applications accessed through a Web browser, Windows client or host terminal emulator. | Increases employee productivity and user satisfaction. |
| NEW | Self-service password reset and account unlock | Allows users to reset their domain password or unlock their Windows account by responding to a series of personal questions. | Further reduces help desk costs for password resets and account unlocks. |
| | Shared workstation support | Users logon from any workstation and multiple users can share a single workstation — credentials are not associated with a single device. | Allows multiple employees to share workstations. |
| NEW | Hot Desktop | Enables users who share workstations to logon/logoff in seconds instead of using a time-consuming, full Windows or Novell logon/logoff procedure. | Improved user productivity and more seamless access to IT resources. Eliminates generic logon accounts to improve employee accountability. |
| | Multi-language support | Localized end-user interface in English, French, German, Spanish and Japanese. | Allows users to work in their native language. |
| | Seamless end-user experience | Configuration options allow visible components of the agent to be minimized and the system tray icon may be hidden. | Makes Password Manager almost invisible to users to further reduce help desk calls. |
| | First-time use wizard | Creates a list of applications for the end user's first-time use (FTU) experience. When end users first start up the agent, they are prompted to enter credentials for each of those applications. | Allows users to configure their single sign-on information at one time. |
| NEW | Batch credential provisioning | Pre-populates the Password Manager central store with users' secondary credentials without the need for a user provisioning product. | Users do not need to manually enter their credentials when first using Password Manager, simplifying usage and increasing product adoption. |
| NEW | Integration with user provisioning products | Allows the use of user provisioning products like HP Select Identity, Courion AccountCourier and IBM Tivoli Identity Manager to pre-populate the Password Manager credential store with users' secondary credentials. | Users do not need to manually enter their credentials when first using Password Manager, simplifying usage and increasing product adoption. |

PROVIDES BROAD PLATFORM SUPPORT

| FEATURE | DESCRIPTION | BENEFITS | |
|---------|-------------------------------------|--|---|
| | Support for non-Citrix applications | Citrix Presentation Server is not required to use Password Manager. Single sign-on access is provided to applications not running on Citrix Presentation Server. | Allows single sign-on access to applications not running on Citrix Presentation Server. |
| | Host terminal emulator support | Pre-configured for over 20 terminal emulators and easy configuration of virtually all other HLLAPI-compliant emulators. | Supports the most popular terminal emulators in use today for 3270, 5250, VT220 and other emulations. |
| | Web and browser-based applications | Supports Microsoft Internet Explorer 5.5 and above. | Supports virtually all browser-accessed Web sites, and intranet and extranet applications. |

PROVIDES BROAD PLATFORM SUPPORT

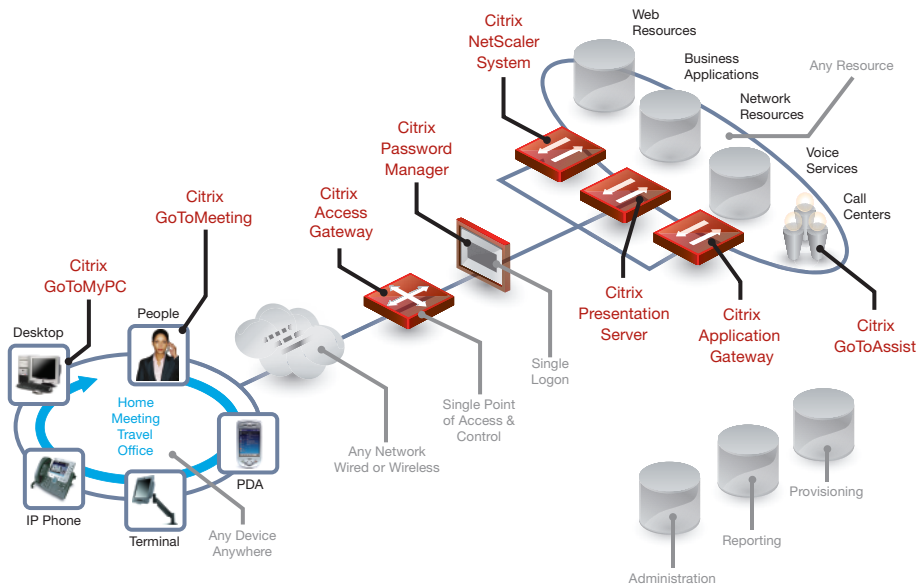
| | FEATURE | DESCRIPTION | BENEFITS |
|------------|---------------------------------------|---|---|
| NEW | Citrix Access Management Console | The new administration console with task-based configuration is a Microsoft Management Console (MMC) snap-in designed to offer a consistent user interface for Password Manager and other Citrix Access Suite components. | The new console is more intuitive and is easier to use. Use one console to manage all applications in the Citrix Access Suite. Or, the Citrix Access Management Console may plug in to third-party management consoles. |
| NEW | Citrix Access Client | Allows the Password Manager client to be combined with other Citrix Access Clients into a single Microsoft Software Installation (MSI) package. | More easily deploy multiple Citrix Access Clients at one time. |
| NEW | LDAP directory support | With a for-fee technical enhancement, Password Manager can now use LDAP-compliant directories such as Microsoft Active Directory Application Mode (ADAM), Novell eDirectory, IBM Tivoli Directory Server, and Sun Java System Directory Server, providing additional options for storage of credentials and settings. | Provides additional options for storage of credentials and settings. |
| NEW | Enhanced NTFS network share | Use an NTFS network share to enable per-user settings for deploying Password Manager. | Allows more granular control of user settings by seamlessly generating a file share structure that emulates an Active Directory deployment. |
| NEW | On-demand licensing | Use the Citrix Access Suite On-Demand Licensing services to manage Password Manager licenses. | Use one repository to more simply manage all licenses for applications in the Citrix Access Suite. |
| | Authentication support | Accepts Microsoft and Novell credentials for primary authentication. | Works with the most common network operating systems. |
| | Multiple logon fields | Specify up to four logon fields. | Supports applications that use more than just username and password. |
| NEW | Windows Server 2003 x64 compatibility | Install Password Manager (agent) on Citrix Presentation Server running on Windows 2003 x64. | Reduces cost by running Presentation Server in x64 environments while receiving the benefits of single sign-on—greater security, improved regulatory compliance, reduced help desk costs, and simplified user access to IT resources. |

IS EASY TO IMPLEMENT

| | FEATURE | DESCRIPTION | BENEFITS |
|--|-------------------------------------|--|---|
| | Intelligent agent response | Auto-prompt feature automatically recognizes logon and password change requests. | More rapidly single sign-on-enable applications. |
| | Wizard-based configuration | Single sign-on-enable applications without scripts, application adaptation, connectors or application-level programming. | Allows less-trained staff to single sign-on-enable applications and provides more rapid implementation. |
| | Pre-defined application definitions | Pre-defined application definitions are available for many popular business applications. | Reduces setup time and costs for single sign-on enabling applications. |

The Citrix Access Platform

Citrix products are purpose-built to solve particular access challenges as standalone solutions. When multiple products are leveraged together, they lay the foundation of a secure, flexible, and extensible access platform.



Citrix Presentation Server™ — The industry-standard way to *virtualize* the delivery of business resources through a centralized and secure architecture.

Citrix® NetScaler® System — The most advanced way to *optimize* the delivery of business resources through an integrated networking solution that manages, secures and speeds application traffic.

Citrix Application Gateway™ — The most secure, simple, and adaptable way to deliver converged voice and data applications to the screens and speakers of IP telephones.

Citrix Access Gateway™ — The most cost effective and easiest to use SSL VPN, providing a secure single point of access to all applications and IT resources and delivering advanced policy based information control.

Citrix Password Manager™ — The most secure, efficient, and easiest-to-deploy enterprise single sign-on solution for easy access to all applications with a single logon.

Citrix® GoToMeeting™ — The easiest, most secure, most cost-effective, and fastest way to meet, train, and collaborate online.

Citrix® GoToAssist™ — An industry-leading, remote technical-support solution that enables organizations to provide best-in-class support and services over the Internet, on demand and securely.

Citrix® GoToMyPC® — The simplest way to provide secure, encrypted remote access to desktop-based resources.



Best Access Experience. Anytime. Anywhere.

About Citrix: Citrix Systems, Inc. (Nasdaq:CTXS) is the global leader and most trusted name in on-demand access. More than 160,000 organizations around the world use the Citrix Access Platform to provide the best access experience to any application for any user. Citrix customers include 100% of the *Fortune* 100 companies and 98% of the *Fortune* Global 500, as well as hundreds of thousands of small businesses and individuals. Citrix has approximately 6,200 channel and alliance partners in more than 100 countries. Learn more at www.citrix.com

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Why Not Eliminate the Password Problem?

With Citrix Password Manager. The most efficient way to access all applications with a single password. From the most trusted name in on-demand access.

Visit us at www.citrix.com/passwordmanager and find out more.

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