



OpenText Exceed onDemand® 8

Technical Overview

What's New in Version 8

All-in-one Application Access: Users can now access Microsoft Windows applications, such as Microsoft Internet Explorer, from any platforms supported by Exceed onDemand Client. Exceed onDemand is the all-in-one remote application access solution that Enterprise can trust.

Mac OS X Support: Exceed onDemand reaches a new level of compatibility with the new client for Apple Mac OS X. Users can even transfer their sessions between Mac OS X and other supported platforms.

Runs on Apple® iPad: Transform iPad into a powerful UNIX workstation for remote access of complex UNIX applications from any location, such as airport, hotel, home or branch offices.

Screen Scaling: Exceed onDemand allows users to creatively resize application displays so they can achieve the most efficient usage of their limited display real estate while enhancing their productivity.

Extended LDAP Support: Exceed onDemand can empower administrators with a higher level of control over application access based on user and group information available in any standard-based LDAP directory services, including Microsoft Active Directory.

Enhanced Server Management Console: Administrators can easily manage multiple instances of Exceed onDemand server installation at once from a single interface, thanks to the enhanced Server Management Console.

OpenText Exceed onDemand is the Enterprise solution for dependable managed application access. It allows organizations to securely and reliably deliver the most complex line of business applications to thousands of Enterprise users, regardless of their location.

Unparalleled Graphic Performance

Ultra Low Bandwidth Usage: Exceed onDemand delivers up to ninety percent more efficiency in bandwidth usage than traditional X servers, thanks to the highly effective Thin X Protocol and the innovative architecture.

High Definition Display: Exceed onDemand offers pixel perfect drawing and precise color rendering. Users control the image quality and color depth to attend the perfect balance of image fidelity and accuracy, and optimal performance and bandwidth usage.

Intelligent Caching: Frequently used fonts and images are persistently cached on user desktop machines to avoid repeated transfers. This mechanism ensures maximum performance and reduces redundant network traffic.

Shadow Window: Further improve the performance and reduce bandwidth consumption of drawing-intensive applications by optionally allowing servers to handle 2D drawing requests.

Load Balance Resources Usage Through Clustering: The cluster-enabled architecture of Exceed onDemand allows organizations to create a centralized infrastructure, allowing more users to securely access 2D and 3D applications, while maintaining optimal performance.

Support for 64-bit Architecture: Both the server and client components of Exceed onDemand natively support the 64-bit architecture on selective platforms.

Revolutionary 3D Visualization

Built-in Support for OpenGL: CAD/CAM engineers and other professionals that work on 3D modeling will be delighted to note that Exceed onDemand offers out-of-the-box support for the OpenGL, the industry's most widely adopted 2D and 3D standard. Not only can users access their remote design applications to render and display 3D images, they can also suspend their 3D applications while they are on the move!



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VERSION HISTORY

Exceed onDemand 7:

Compatible with Windows 7

Exceed onDemand received the prestigious Compatible with Windows 7 logo from Microsoft, validating the product's compatibility and reliability on the Windows 7 platform.

Further Reduction in Bandwidth Usage

Users can choose a level of image compression, from one that offers the highest image fidelity and accuracy, to one that delivers the most bandwidth saving, to suit their application and performance needs.

Direct Server Side Rendering

Tapping into the CPU and the professional graphics solutions available on the server systems, Exceed onDemand can run OpenGL applications with full 3D hardware acceleration by rendering 3D objects on the server. It can deliver near console-like performance.

User and Group Management with Active Directory Integration

Exceed onDemand can non-intrusively access Active Directory and allow administrators to use the existing user and group information to achieve user profiles and access control.

Centralized License Server

Any number of independent Exceed onDemand installations can share a common license pool. It streamlines the license distribution process, reduces the number of license pockets while maintaining optimal license coverage.

Exceed onDemand 6:

Debut of the Exceed onDemand Client for Linux and IBM AIX Desktop

Linux and IBM AIX desktop users can remotely access X Window applications utilizing our highly efficient Thin X Protocol and the Exceed onDemand infrastructure. Exceed onDemand brings an ultra-fast performance and a low network footprint remote application access solution to enterprise users.

Single Sign On

Allow Exceed onDemand Client on Windows platforms to seamlessly access Exceed onDemand Servers and X application servers by using Windows login credentials.

Cross-platform Suspend and Resume

Taking the original suspend and resume features and push it one step further. Exceed onDemand users can suspend any session and resume it on desktops of either Windows or Linux platform. Exceed onDemand also provides an automatic session recovery capability in case of communication failure.

Cross-platform Desktop Sharing

Share sessions with any users on any platform to facilitate collaborative work.

Direct Server Side Rendering: By tapping into the server-class CPU and memory resources, and high-end professional graphic hardware solutions available on server systems, Exceed onDemand allows users to launch OpenGL applications with larger than ever data sets, while enjoying full 3D hardware acceleration and near console-like performance.

Low Cost Enterprise Scalability

Cluster Management with Automatic Load Balance and Zero Intervention Fail-over:

As a cluster-enabled solution, organizations can grow the Exceed onDemand infrastructure to support the increase of complex applications and their demand for computing resources. Exceed onDemand can also dynamically distribute workload within the cluster and offers automatic fail-over protection, all being handled behind the scenes without human intervention.

Flexible Licensing Options: Companies can benefit from the flexible licensing system to satisfy the needs of various intended usages of Exceed onDemand.

Centralized License Pool: Any number of independent Exceed onDemand installations can share a common license pool. It streamlines the license distribution process, eliminates pockets of unused licenses while maintaining optimal license coverage.

Centralized Profile Management: Exceed onDemand keeps system and user-related profiles and configuration settings in a centralized data storage. It reduces the administrative headaches of managing disparate user desktops and empowers administrators to control application access on the user and group levels.

Trusted Security and Compliance

FIPS 140-2 Validated: Exceed onDemand incorporated OpenText Cryptographic Module, a NIST validated cryptographic component on Windows platforms.

Exceed onDemand also supports FIPS 140-2 validated libraries that are available on the supported UNIX and Linux platforms.

Encryption with SSH and SSL: Network communication between user desktop computers and application hosts can be secured and encrypted using a combination of SSL and SSH protocols.

Single Sign On with Kerberos Support: Through the support for Kerberos and GSSAPI, Exceed onDemand Clients grants Windows users transparent access to Exceed onDemand and remote resources without re-authentication. Single Sign On can reduce password fatigue and help organizations improve compliance adherence.



Server System Requirements

Windows Platforms

- Windows Server 2008 R2
- Windows Server 2003 R2
- Windows Vista SP1 or later
- Windows XP SP3 or later
- Citrix Xenapp 4.5 or higher for Windows platforms

UNIX/Linux Platforms

- IBM AIX 5L 5.2 or later
- Sun SPARC Solaris 8 or later
- Sun x86 Solaris 9 or later
- HP PA-UX 11.11 or later
- Red Hat Linux 4 or later
- SuSE Linux Enterprise 10 or later
- Other Linux distributions with kernel 2.4 or later

Client System Requirements

Windows Platforms

- Windows 7
- Windows XP SP2 or later
- Windows Server 2003 R2 or later
- Windows Server 2008 R2 or later
- Windows Vista SP1 or later

Linux Platforms

- Red Hat Linux Enterprise Linux 4 or later
- SuSE Linux Enterprise Linux 10 or later

IBM AIX Platform

- IBM AIX 5L 5.2 or later

Mac OS X Platform

- 10.5.8 and 10.6.4 or later

Apple iPad

- Support iPad, iPad 2 and iPad 3
- iOS 5 or later

Web Deployment Requirement

Web Browser

- Microsoft Internet Explorer
- Firefox
- Opera
- Other java-enabled Web browsers

Web Server

- Any

PAM Support: Exceed onDemand supports various backend authentication mechanism, including Pluggable Authentication Module, through which Exceed onDemand users can be authenticated against many 3rd party authentication systems that support standard-based PAM libraries.

Heightened Productivity

All-in-one Remote Access: Not only can users depend on Exceed onDemand to manage access to UNIX applications, they can also rely on Exceed onDemand to deliver Microsoft Windows applications, such as Microsoft Internet Explorer, to Linux and UNIX workstations, or Mac OS X computers! Exceed onDemand is the all-in-one remote application access solution that Enterprise can trust.

Suspend and Resume: Users can take their sessions with them when they are on the go with the help of Suspend and Resume features built-in to Exceed onDemand.

Fail-Proof Sessions: In the event the network connection is lost, Exceed onDemand can suspend any active session while maintaining the state of applications running in the session. Exceed onDemand protects unsaved project data from accidental disconnections.

Team Collaboration: Exceed onDemand can instantly add collaborative functions to any enterprise application, allowing users from around the globe to work together, share projects and their ideas in real time over the Internet.

Speedy Performance over Any Connection: The wait is over! Exceed onDemand users can remain highly productive even when accessing critical line of business applications over low bandwidth connections. Users can enjoy the highest level of performance, which can rival that of a LAN connection.

Screen Scaling: For many power users, efficient usage of limited desktop real estate plays a big role in defining their productivity. Exceed onDemand allows users to creatively resize application displays, so they can maximize usage of every pixel on the screen.

Enterprise Deployment Options

Windows MSI Technology: All Windows-based Exceed onDemand components take advantage of the Microsoft Windows Installer technology to ensure the maximum compliance with corporate standards, and ease of management.

Web-Deployable Solution: As a powerful alternative to the standard deployment mechanism, Exceed onDemand offers a collection of deployment tools, which are designed to utilize the Web to distribute and manage access to the Exceed onDemand solution.



Customized Installation: The web deployment solution features granular customization, transparent connection profile deployment and execution, and seamless client software upgrade.

User and Group Management with Microsoft Active Directory and LDAP

Integration: User and group management is one of administrative overheads when managing any server-based solution. Exceed onDemand can non-intrusively access Microsoft Active Directory and LDAP servers, and allow administrators to leverage existing user and group hierarchy to achieve profiles and access control.

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