

## Exceed onDemand® 7

Exceed onDemand® is a remote X Window application access solution designed for Microsoft Windows, Linux and UNIX desktop users. It offers fast performance X application access to disparate user population without boundaries.

### High Performance

<b>Ultra Low Bandwidth Usage</b>	Exceed onDemand delivers up to ninety percent more efficient in bandwidth usage than traditional X servers, thanks to the highly effective Thin X Protocol and the innovative architecture.
<b>Selectable Image Compression</b>	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 savings. Users will find an option that is best suited for their application needs and performance expectations.
<b>Intelligent Caching</b>	Frequently used fonts and images are persistently cached on user desktop machines as opposed to be repetitively downloaded. This mechanism ensures maximum efficiency and reduces redundant network traffic.
<b>Shadow Window</b>	Improve the performance and reduce bandwidth consumption of drawing-intensive X applications by handling 2D drawing requests on the server.
<b>Cluster-enabled Architecture</b>	The cluster-enabled architecture of Exceed onDemand allows organizations to create a centralized infrastructure, letting more users securely access more 2D and 3D X Window applications, while maintaining optimal performance.
<b>Support for 64-bit Architecture</b>	Both the Server and Client components of Exceed onDemand natively support the 64-bit architecture on selective platforms.

### End-to-End Security

<b>FIPS 140-2 Validated</b>	Exceed onDemand incorporated Hummingbird Cryptographic Module, a NIST validated cryptographic component on Windows platforms. Exceed onDemand also supports other FIPS 140-2 validated libraries that are available on the supported UNIX and Linux platforms.
<b>Encryption with SSH and SSL</b>	Communication between user desktop computers and X application hosts can be secured and encrypted using a combination of SSL and SSH protocols.
<b>Single-Sign-On with Kerberos Support</b>	Through the support for Kerberos and GSSAPI, Exceed onDemand Client 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.
<b>PAM Support</b>	Exceed onDemand supports various backend authentication mechanism, including Pluggable Authentication Module, through which Exceed onDemand users can be authenticated against 3rd party authentication systems that have standard-based PAM libraries.

### Requirements

#### Server System Requirements:

##### Windows Platforms

- Windows 2000 SP4, Windows XP SP2 or later, Windows Server 2003 R2, Windows Server 2008, Windows Vista SP1

##### 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

**Min. Memory:** 256MB

**Available Disk Space:** 256MB

#### Client System Requirements:

##### Windows Platforms

- Windows 2000 SP4, Windows XP SP2 or later, Windows Server 2003 R2, Windows Server 2008, Windows Vista SP1

##### 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

**Min. Memory:** 256MB

**Available Disk Space:** 10MB

#### Web Deployment Client Requirement:

##### Web Browser

- Microsoft Internet Explorer, Firefox, Opera, or other java-enabled Web browsers

##### Web Server

- Any

## Improved User Productivity

**Suspend and Resume** By suspending any active sessions and resuming them anytime, anywhere on any platform, users can take X window sessions with them when they are on the go with the help of Exceed onDemand!

**Fail-Proof Sessions** Exceed onDemand can automatically suspend any active session in the event the network connection is lost. It maintains the state of applications running in the session, and protects the valuable project data from accidental disconnection.

**Desktop Sharing** In a globalized economy, most projects require collaborative work from a team of international members. With Exceed onDemand, users from around the globe will be able to share projects and ideas in real time over the Internet, without having to modify X window applications.

**Speedy Performance over Any Connection** The wait is over! Users can remain highly productive even when accessing business critical X window applications over a low bandwidth connection. Exceed onDemand users can enjoy a high level of performance that can rival that of a LAN connection.

## 3D Visualization

**Built-in OpenGL and GLX extensions** OpenGL API based X window application users will be delighted to note that Exceed onDemand offers out-of-the-box support for the OpenGL API, which harnesses the power of the industry's most widely adopted 2D and 3D API. Not only can users remotely render and display 3D images, they can also suspend their 3D applications while they are on the move!

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

## Simplified Administration

**Centralized Profile Management** The Exceed onDemand solution utilizes centralized data storage to store system and user related profiles and configurations, reducing the administrative headaches of managing disparate user desktops. Centralized profile management also empowers administrators to manage application access on the user and group levels.

**Flexible Licensing Options** Companies can choose from a 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, reduces the number of license pockets while maintaining optimal license coverage.

**User and Group Management with Microsoft Active Directory integration** One of the administrative overheads in managing server-based solutions is the user and group management. Exceed onDemand can non-intrusively access Microsoft Active Directory and allow administrators to use the existing user and group information to achieve profiles and access control.

**Cluster management with automatic load balance and zero intervention fail-over** As a cluster-enabled solution, not only does Exceed onDemand allow organizations to support more users and sessions from the Exceed onDemand infrastructure, it will also dynamically distribute load within the cluster and offer fail-over protection, all being handled automatically behind the scene without human intervention.

## Complete 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 the controlled access to the Exceed onDemand solution.

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

## What's New

1

**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.

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.

**Single Sign On** – Allow Exceed onDemand Client on Windows platforms to seamlessly access Exceed onDemand Servers and X application servers without re-authentication.

5.x

**Automatic Cluster Failover** – Drastically improves the availability of the services by creating master/slave nodes hierarchy.

**Unicode and TrueType Fonts Support** – improves the support for UTF-8 encoded fonts. Over 300 Unicode and TrueType fonts are added to the libraries.

**User and Group Management with LDAP Integration** –

Exceed onDemand can non-intrusively access LDAP-based enterprise directory services 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.

**Cross-platform Suspend and Resume** – Suspend any session and resume it on either Windows or Linux platform.

**Cross-platform Desktop Sharing** – Share sessions with any users on any platform to facilitate collaborative work.

**Render Extension** – Render extension improves digital image composition.

**Message Broadcast** – Notify users on important system or service events, such as scheduled service shutdown.



### Sales & Support

#### Canada

38 Leek Crescent,  
Richmond Hill, Ontario  
L4B 4N8

Phone: + 1 905 762 6400  
Fax: + 1 905 762 6407  
Toll Free: 1 877 359 4866

www.opentext.com  
conninfo@opentext.com  
connsupport@opentext.com

#### North America Support

1 800 486 0095

#### Worldwide Support

+ 1 905 762 6400

### Corporate Head Office

www.opentext.com  
sales@opentext.com

#### North America Sales

1 800 499 6544

#### International Sales

+ 1 800 4996 5440