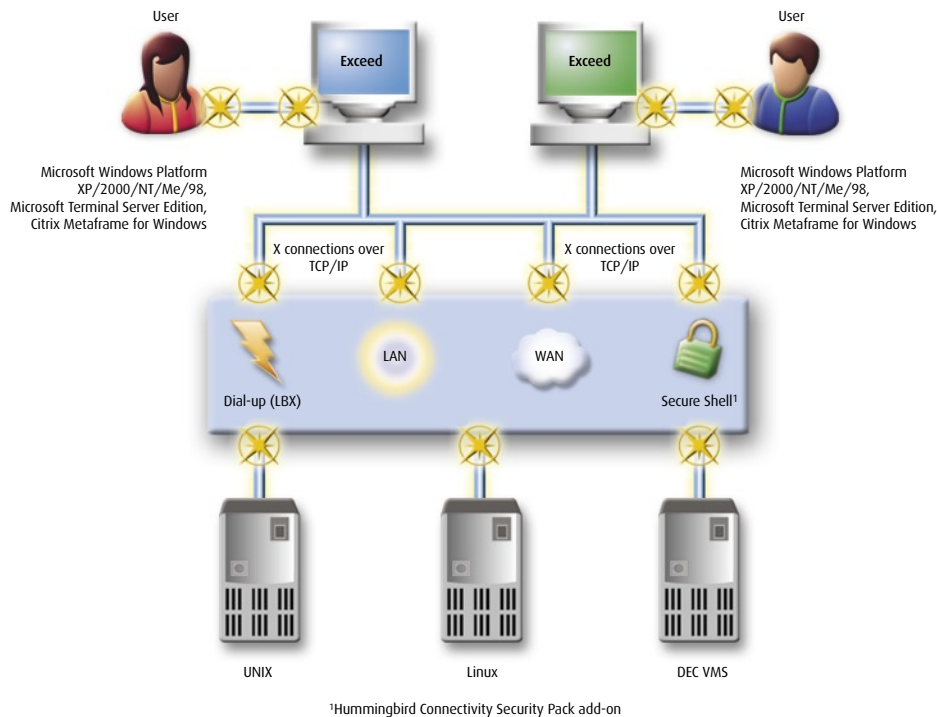


# Exceed® 8.0

Exceed is the most popular and successful PC X server in the market. It allows users to cost effectively connect powerful Microsoft Windows desktops to UNIX servers and access high-end UNIX applications. Exceed, certified for Windows 2000 and the proud recipient of Designed for Windows XP Logo, is renowned for its performance, stability and user-friendliness. Integrated with a powerful terminal emulation package, Hummingbird HostExplorer™, Exceed is the most versatile Enterprise Connectivity software available.



## Certified for Microsoft Windows

Exceed has received the “Certified for Microsoft Windows 2000” and “Designed for Windows XP” logos. It has proven, once again, that Exceed is superior in quality and stability, taking advantage of the latest features offered in the Microsoft Windows operating systems. Hummingbird Exceed is an outstanding application that is capable of delivering a high-quality computing experience.

## How Secure Do You Want It

Exceed supports the latest and the most popular security technologies — Kerberos v5, Secure Shell<sup>1</sup> and SSL, plus all the common security measures that you can find in the X Window environment. Regardless of what security policy your company has deployed Exceed will be able to integrate seamlessly into your secured network architecture.

## Enterprise-Wide Deployment Made Easy

Administrators can deploy Exceed to a large number of desktops with ease. Hummingbird Exceed offers different installation and deployment methods that are suitable for various scale of deployment. It is also compatible with the latest version of Microsoft Terminal Server Edition and Citrix Metaframe for Windows. The new Microsoft Management Console Snap-in module makes post-deployment administration and management nightmares a thing of the past.

## New in this Version

**Certified** for Microsoft Windows 2000

**Designed** for Microsoft Windows XP

**Support** for requirements of Section 508 of the Rehabilitation Act Amendments

**Improved** remote management console that utilizes the Microsoft Management Console (MMC) interface

**Enhanced** multiple instances support allows users to easily launch several copies of Exceed

**Improved** Native Window Manager Gnome Compliance

**Enhanced** support for multiple network adapters and VPN clients

**Redesigned** local management console user interface using the modern Windows XP style framework

**Enhanced** “per user” installation to permit individual, personalized per-user information to be saved in user specific locations

**Improved** support for Terminal Server and Citrix environment, permit smooth software upgrade and migration

**Enforced** and strengthened security:

- SSL support with advanced certificate store management and key creation utility
- Integrated Secure Shell client through Hummingbird Connectivity Security Pack™
- Support for GSS-API Kerberos within Hummingbird FTP™ for Windows Explorer

## Bring the Enterprise to Your Users

A powerful X server, an extremely flexible text-based terminal emulator (HostExplorer), a Windows Explorer based FTP client and a comprehensive Windows-based Internet Service server (Hummingbird InetD™) are just a few of the software integrated in the Hummingbird Exceed package. The wide range of connectivity solutions provided by Exceed brings the Enterprise legacy hosts to the finger tips of your users. Exceed helps companies greatly reduce the number of software packages required on each PC, thus cutting down the administrative and management overhead. One-Stop-Shop is the unique value that Hummingbird can provide to your organization.

## Control and Reduce Your Total Cost of Ownership

Legacy systems host more than 80% of corporate information. Our daily life depends on successful transactions executed on these systems.

Providing access to this information has never been as critical as today since every organization is struggling to maximize technologies benefits while reducing the costs. HostExplorer and the optional HostExplorer Deployment Wizard™ add-on provides you with an easy way of protecting your investment in legacy data while letting you benefit from the latest in desktop and web-based technologies. It enables organizations to lower their total cost of ownership while deploying a state-of-the-art web-based terminal emulator. It allows organization to provide their user with access to legacy information without having to undertake costly and painful installation on each desktop. Organizations that choose HostExplorer and HostExplorer Deployment Wizard save time and money by skipping the deployment process while at the same time increasing their productivity.

## Key Features, System Requirements and Supported Platforms

### Font Support

- X11R5 RS/X11R6 Font Servers
- Font compiler
- Automatic Font substitution
- Automatic Font Server reconnection
- Fonts/Aliases — Misc, 75 DPI, 100 DPI, Andrew, PC, HPfont, DEC75, DEC100, Seimens, Euro, Arabic, Chinese, Japanese, Korean, Greek, Hebrew, Unicode and more

### Deployment

- Microsoft Windows Installer Technology (MSI) — Support Advertised Installation
- Hummingbird Sconfig
- Support Roaming Profiles
- Support Microsoft Terminal Server Edition (Windows NT 4.0 and Windows 2000)
- Xconfig Management Console — Configure Exceed from Microsoft Management Console

### Startup & Client Launching

- XDMCP (query, Indirect, Broadcast), Passive
- REXEC, RLOGIN, RSH, TELNET HRPS, PCXServer, Secure Shell<sup>1</sup>
- Xtart, Client Wizard, Xsession, Telnet

### Security

- Support Secure Shell<sup>1</sup>
- Kerberos v4 and v5 authentication
- Host- and Client- based security
- Additional Access Control
- Support SSL encryption, Strong and Weak
- Integrated Proxy Server

### X Server

- X11R6.6 Support
- Local X support — X clients, Window Management, Font RGB, XRDB, Xtrace
- Compressed X protocol Support via LBX
- Multiple monitor support — Up to 16 monitors
- Multiple screen support — Up to 4 screens
- Virtual Desktop support
- X server Tuning to dynamically adjust graphics and resource
- BackingStore support
- Automatic 75 & 100 dpi monitor support
- Double Byte Character Set Support
- Graphical keyboard editing
- On the fly alternate Keyboard Swapping
- Extensive Server Visual support — Multiple Simultaneous Visuals, Automatic, TrueColor,
- PseudoColor, StaticColor, Grayscale and Static Gray
- Support different resolution and color depth than the Windows Desktop
- Support for local and remote Window Managers
- Copy-and-Paste — X Selection, Auto-Copy/Paste, Copy on Focus Loss

### Operating System

- Windows 98/Me, Windows NT 4.0 (SP6 or higher)/2000/XP, Windows Terminal Server Edition, Citrix Metaframe for Windows

### System Requirements

- Minimum memory as prescribed by Operating System
- Minimum Hard Drive space: 15MB



<sup>1</sup>Microsoft, Windows, and the Windows logo are trademarks, or registered trademarks of Microsoft Corporation in the United States and/or other countries.

Note 1 — Requires Hummingbird Connectivity Security Pack



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