



## Exceed PowerSuite™ 2006

Exceed PowerSuite offers enterprise users everything they need to connect to any type of legacy system in the enterprise and access data in ways that is most convenient to them. Exceed PowerSuite combines a powerful PC X server with OpenGL support, comprehensive Terminal Emulator, kernel-based Network File Systems solution and a complete set of TCP/IP utilities. Hummingbird offers industries the most complete and flexible connectivity solution — Exceed PowerSuite.

### X Server

- > Support for X11R6.8
- > Publishes X applications using Xweb Wizard
- > True Color Desktop sharing feature
- > Interactive support for password aging events
- > Local X support — X clients, Window Management, Font RGB, XRDB, Xtrace
- > Extensive Server Visual and multiple color depths Supported
- > Support advanced input devices including SpaceBall 5000
- > Support for local and remote Window Managers
- > Double Byte Character Set Support
- > Multiple monitors and screens support — Up to 8 screens
- > Remember session information for speedy restart
- > Advanced Virtual Desktop
- > Support up to 254 X clients per session
- > BackingStore support

### NFS Support

- > Supports NFS version 2, 3 and 4 (RFC 1094, RFC1813, RFC3530)
- > Kernel Mode implementation
- > Native 32-bit and 64-bit implementation
- > Supports Operation in IPv6 networks
- > Supports WebNFS (RFC2054) and NFS over TCP
- > Hard and Soft Mount
- > Supports Setuid and Setgid

### Security

- > Secure Shell 2 support through the optional security package Connectivity Secure Shell™ 2006
- > Kerberos 4 and 5 support through Connectivity Kerberos™ 2006
- > Advanced Host- and Client- based security
- > Support smart card solutions from ActivCard®, Axalto and SafeNet Inc.

### Font Support

- > Support for Unicode and TrueType Font encodings
- > X11R5 RS/X11R6 Font Servers

### Deployment

- > Microsoft® Windows® Installer Technology (MSI) — Support Advertised Installation and Local installation cache
- > Support Microsoft Terminal Server Edition (Windows 2000 and Windows Server™ 2003)



\* Encrypted product. Export restriction apply.

### System Requirements

- > **Operating Systems:** Windows® 2000 Professional, Windows 2000 Server, Windows XP Professional, Windows XP Professional x64 Edition, Windows XP Tablet PC Edition, Windows Server 2003, Windows Server 2003 x64 Edition, Windows Terminal Server Edition, Citrix® Presentation Server™ for Windows platforms.
- > **System Requirements:** Hard Drive space for typical installation: 94 MB



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## > What's New in Exceed PowerSuite™

2006

- > **Support for X11R6.8:** supports the latest X Window system release, from X.Org Foundation. Improve visual presentation of X Windows Desktops.
- > **Project Looking Glass:** provides access to the revolutionary 3D windowing environment developed by Sun®.
- > **Support for Windows x64 Family:** ready for the new 64-bit era with the support of the new Microsoft Windows x64 family.
- > **Enhanced Unicode support:** with more than 300 fonts in Unicode and TrueType font encoding have been added.
- > **Support for Setuid and Setgid:** allows raising and lowering users' access privileges, giving users different privileges to execute commands.

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- > **Xweb Wizard:** guides users step-by-step to create web pages that launch X applications either embedded in web browsers or in stand-alone form.
- > **Exceed Connection Manager:** a new and powerful application that provides users a single point of access to all Exceed-related configuration files.
- > **Desktop Sharing:** instantly adds collaborative capability to any X application without any modification to the X application.
- > **Smart Card Manager:** Exceed 10 now supports smartcard solutions from Axalto™ and Rainbow Technologies Inc. An additional companion application allows users to load or store the credentials to the smart card devices.
- > **Support for Hard Mount:** ensures all NFS transactions across the connection proceed to completion.

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- > **Connectivity Secure Shell:** boosts security with Secure Shell 2 support in Exceed. This add-on can also be used with HostExplorer®.
- > **ActivCard Support:** Exceed is the first PC X server vendor in the industry to support the proprietary ActivCard® API, giving users the ability to use smart cards to authenticate and gain access to the hosts that are protected by ActivCard technology.
- > **License Management:** The Hummingbird Metering server allows administrators to obtain accurate reporting on their installed Hummingbird licenses.
- > **VPN and NAT Support:** the new IP Discovery Service (IPDisCov) can automatically discover the "true" IP addresses that are used by the VPN client or masked by the NAT configuration.
- > **Extensive Windows Shell Integration:** brings convenience and transparency to the NFS Maestro users, boosting productivity and better usability.

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- > **Multiple Instances Support:** provides a simple and interactive way for users to initiate multiple instances of Exceed.
- > **Support for Multiple Network Adapters and VPN Clients:** through an intuitive graphical interface, users can choose one of network adapters that Exceed® should be communicating with.
- > **Windows Certification:** Exceed has been tested and certified for Windows 2000 and has received the Designed for Windows XP logo.
- > **Support X Render Extension:** introduces digital image composition as the foundation of a new rendering model within the X Window System.
- > **NFS Maestro Client™ Supports the New NFSv4 Protocol:** The Hummingbird implementation of NFSv4 is in accordance to the RFC3010.

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- > **Kerberos V5 Support:** The Telnet Start Method in Xstart now supports Kerberos V5 authentication and encryption to improve authentication security.
- > **Load Optimization:** allows Xstart to automatically and systematically distribute the work load evenly across multiple application servers.
- > **XDMCP Port Selections:** Controls the ports that are used by XDMCP connections, giving Exceed greater flexibility to traverse a firewall.
- > **Font Caching:** improves performance when connecting to a font server by maintaining a cache of the fonts loaded from the font server on the local drive.
- > **Expanded Directory Services Support:** to include Netscape LDAP and NIS+ for user authentication.



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