NFS Maestro Client™ 2006

NFS Maestro Client allows users from all types of Windows® operating systems to transparently, securely and efficiently access file and printer resources residing on UNIX, Linux, VMS, Macintosh and many NFS-enabled hosts. NFS Maestro Client supports all of the latest developments in the industry-standard NFS protocol, which includes NFS v2, v3 and v4, WebNFS, GSSAPI-Kerberos implementation. To increase the value to our users, NFS Maestro Client comes bundled with the Hummingbird terminal emulation suite — HostExplorer.®

NFS Support

> Supports NFS version 2, 3 and 4 (RFC 1094, RFC1813, RFC3530)
> Both client and server implementations
> Kernel Mode implementation
> Native 32-bit and 64-bit implementation
> Supports Operation in IPv6 networks
> Supports Setuid and Setgid
> Supports WebNFS (RFC2054) and NFS over TCP
> Supports 32-bit File locking
> Hard and Soft Mount
> Supports Microsoft UNC
> Device-less connection Support
> Creates and supports Symbolic Links
> NFSv4 Compatible Command Line Applications

Terminal Emulation

> Support TN3270(E), TN5250(E) and VT52-420 (including ANSI and SCO-ANSI)
> Support HLLAPI, EHLLAPI, WinHLLAPI, OHIO, OLE and COM APIs
> Integrated Hummingbird FTP™
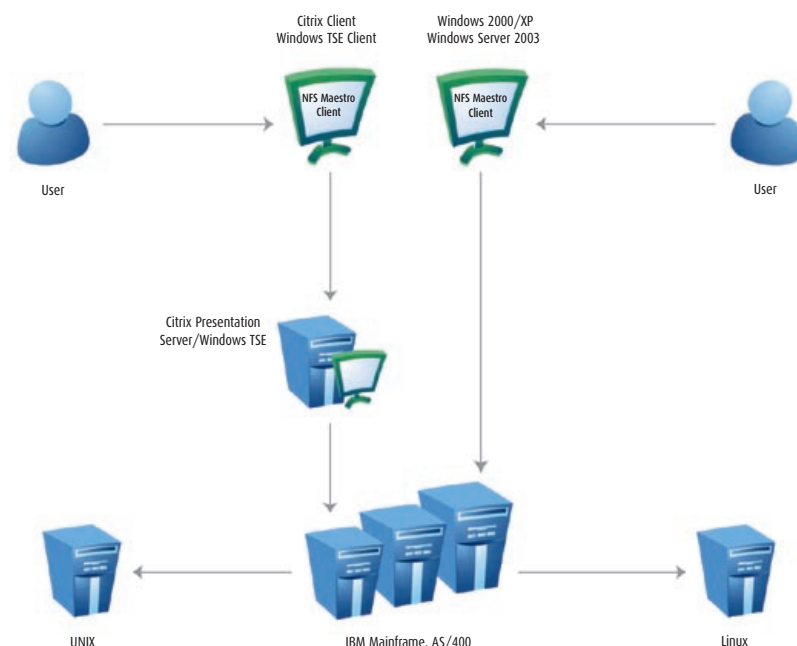> Web-based and desktop-based deployment capability

Directory Services Support

> Supports NIS, NIS+, LDAP and Microsoft® Active Directory
> Support schema definitions including: RFC2307, RFC2307AIX, AD4UNIX and Vintela VAS
> Auto-discovery of server configuration through DHCP
> Auto-mount capability
> Password synchronization

Security

> Supports RPCSEC-GSS (RFC 2203) and GSS-API (RFC 2078)
> Supports both MIT Kerberos and Hummingbird Kerberos™ 2006
> Supports Solaris ACL and SASL protocol for authenticating with Microsoft Active Directory domain (RFC 2222)

Name Mapping Server

> A stand alone server to map Windows user and group to UNIX UID and GID
> Supports Auto Mapping and Import/Export of mappings
> Integrates with Directory Services

Citrix Client / Windows TSE Client — NFS Maestro Client — User

Windows 2000/XP / Windows Server 2003 — NFS Maestro Client — User

Citrix Presentation Server/Windows TSE

UNIX

IBM Mainframe, AS/400

Linux

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: 22 MB

2006

> **Support Operations in IPv6 Networking:** allows NFS Maestro Client to operate in an IPv6 local area network.

> **Support for Setuid and Setgid:** allows raising and lowering users' access privileges, giving users different privileges to execute commands.

> **New Unicode Support:** giving NFS Maestro Client the capability to process paths up to 32K characters in length.

> **Symbolic Links Creation:** a new command-line utility and shell extension that allow users to create and delete symbolic links on NFS resources.

> **Multiple Profile Space:** allows organizations to manage multiple locations to store profiles and connection settings. Storage locations include local drives, remote file systems or LDAP directories. User access rights are enforced through a seamless integration with Microsoft Windows ACLs or LDAP ACLs.

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> **LDAP Support for Additional Servers:** Directory Services Explorer supports four of the most popular LDAP schemata, with an option to allow users to create a new schema.

> **Enhanced Kerberos Support:** fully integrated with Connectivity Kerberos. It also supports the MIT-Kerberos distribution.

> **Support for Hard Mount:** ensures all NFS transactions across the connection proceed to completion.

> **Setting Migration Wizard:** users can quickly export/import the Hummingbird user files directory for backup or hardware migration purposes.

> **UI Themes:** offer the most complete and convenient way to customize every aspect of the HostExplorer including menus, toolbars, settings, keyboards.

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> **Extensive Windows Shell Integration:** brings convenience and transparency to the NFS Maestro users, boosting productivity and better usability.

> **Solaris ACL Support:** provides a finer level of control of file access permissions.

> **License Management:** the Hummingbird Metering server allows administrators to obtain accurate reporting on their installed Hummingbird licenses.

> **New Name Mapping Server:** acts as a central UNIX-to-Windows name mapping data repository, allowing other NFS Maestro products to retrieve the mapping information.

> **Windows Explorer Terminal:** offers users a fully integrated Windows experience to help them achieve higher productivity levels with using HostExplorer.

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> **NFS Maestro Client Supports the New NFSv4 Protocol:** The Hummingbird implementation of NFSv4 is in accordance to the RFC3010.

> **Windows Certification:** NFS Maestro Client has been tested and certified for Microsoft Windows 2000 and has received the Designed for Windows XP logo.

> **Separate Default File and Directory Permission:** newly created files and directories can have different access permissions controlled by users.

> **Expanded LDAP Support:** Hummingbird Directory Services support any RFC-2307-compliant servers, including Sun® iPlanet and Microsoft Active Directory domains that have been updated with the AD4UNIX component.

> **SSL:** HostExplorer offers SSL2/3 and TLS authentication and encryption support for 3270, 5250 and VT communications. Authentication includes server and client certificate support. The certificate and key manager tool provides a powerful PKI utility that comes with HostExplorer.

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> **Expanded Directory Services Support:** to include Netscape® LDAP and NIS+ for user authentication.

> **NFS Configuration Wizard:** simplifies the control panel modifications for the NFS client.

> **Windows 2000 Kerberos Server Support:** extended the Kerberos support to use a Windows 2000 based Kerberos server.

> **Per User Settings for NIS/NIS+ and Default Authentication Server Settings:** allows multiple users on the same system or users in a TSE environment to personalize their network settings.

> **Hummingbird Deployment Wizard™:** gives administrators the ability to deploy HostExplorer as a FAT or a Thin client. Hummingbird Deployment Wizard transforms HostExplorer into a browser-based client that can be accessed from any web server.

Hummingbird®

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