



Thursby Software Product Description

DAVE[®] v9.0

Macintosh Software for Sharing Files and Printers with Microsoft Networked PCs

OVERVIEW

DAVE v9.0 is a software solution that enables Macintosh users to participate in Microsoft networks with both file and print sharing services. DAVE is installed on the Macintosh and requires no additional software to be installed on the PCs other than that which comes standard with the operating system offerings from Microsoft. DAVE also supports many third party SMB offerings such as the latest version of Samba running on UNIX platforms. DAVE supports Macintosh OS X 10.6.x (Snow Leopard) and 10.7.x (Lion) with the latest updates installed. DAVE is provided on a CD and is also available for electronic download.

DAVE performs all communications using the industry standard protocol TCP/IP with Domain Name Services (DNS), and a NetBIOS driver that is fully RFC 1001/1002 compliant. DAVE supports both Windows Internet Name Server (WINS) and all services that are implemented using the Common Internet File System (CIFS) protocol. CIFS is an enhanced extension of the desktop cross-platform protocol for distributed file sharing called Server Message Block (SMB). DAVE negotiates dialects with NT LM 0.12. DAVE provides for direct integration with Microsoft's Services for Macintosh and NTFS by using the same format for storing Apple resource and Finder information on the servers. DAVE includes full support for Microsoft's Distributed File System (DFS) allowing shared folders to reside on multiple servers for load balancing and data redundancy.

MACINTOSH SYSTEM REQUIREMENTS

- + Mac OS 10.6 Snow Leopard or 10.7 Lion with latest updates installed
- + Any hardware required to run TCP/IP

BASIC DAVE FEATURES

- + Mac access to PCs for file sharing
- + Mac access to PCs for printer sharing
- + PC access to Macs for file sharing
- + PC access to Macs for PostScript and inkjet printer sharing
- + Supports multiple PC file systems including FAT, NTFS, and CDFS (CD-ROM)
- + When accessing NTFS volumes, no "dot-underscore" files are created.
- + Support for Distributed File Sharing (DFS)
- + Offers complete interoperability with Services for Macintosh and other third-party AppleShare servers.
- + Users can mount shared folders to which they are allowed access via the DAVE Browser.

SUPPORTED WORKSTATIONS AND SERVERS

- + Windows 2000 with service pack 4 or later Workstation and Server
- + Windows XP
- + Windows Vista
- + Windows 7
- + Windows Server 2003, all versions
- + Windows Server 2008, all versions
- + Windows NT Server or Workstation v3.5.1 or later
- + Macintosh computers with DAVE or ADmitMac installed



ADVANCED FEATURES

- ✦ Supports Unicode file names up to 256 characters in length.
 - ✦ Supports AppleShare files stored on your PC.
 - ✦ Fully compatible with Microsoft's Services for Macintosh file formats.
 - ✦ Support for bidirectional SMB-signed connections, NTLM SSP, and NTLMv2.
 - ✦ Supports files larger than 2GB.
 - ✦ Apple Keychain support.
 - ✦ Supports browsing for published shares.
 - ✦ Print client can access shared printers. Printers may be configured by browsing the list of printers, or may be entered manually.
 - ✦ Three security options: local-level, share-level or user-level for sharing Macintosh files.
 - ✦ Fully integrated online help system.
 - ✦ Setup Assistant for easy configuration.
 - ✦ Supports Windows shortcut (.LNK) files.
 - ✦ Allows mounting multiple shares simultaneously.
 - ✦ Support for Dfs shares.
 - ✦ Automatic workgroup detection.
 - ✦ Supports Windows network password changes.
 - ✦ Supports Kerberos.
 - ✦ Support for NTLMv2: most secure level of LanMan authentication.
 - ✦ Proper handling of file date and time information, including volume creation and modification times.
 - ✦ Supports WINS, with manual or DHCP configuration.
 - ✦ Supports extended attributes.
 - ✦ Network logon support provides limited single sign-on.
 - ✦ Can mount volumes automatically when users log on.
- ✦ Conforms with Microsoft SMB/CIFS standards, including use of TCP port 445, NetBIOS-less communication and to the following RFCs:
 - 1001,1002 Protocol standard for a NetBIOS service on a TCP/UDP transport
 - 1510 The Kerberos Network Authentication Service (V5)
 - 2743 Generic Security Service Application Program Interface Version 2
 - 1964 The Kerberos Version 5 GSS-API Mechanism
 - 2222 Simple Authentication and Security Layer

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