

M-Files 9.0

Technical Data Sheet

Supported Operating Systems

M-Files Client:

- Windows 8
- Windows 7
- Windows Vista
- Windows XP Service Pack 3 or later
- Windows Server 2012
- Windows Server 2008 R2
- Windows Server 2008
- Windows Server 2003 Service Pack 2 or later

M-Files Server:

- Windows 8
- Windows 7
- Windows Vista
- Windows XP Service Pack 3 or later
- Windows Server 2012 (recommended)
- Windows Server 2008 R2 (recommended)
- Windows Server 2008 (recommended)
- Windows Server 2003 Service Pack 2 or later (recommended)

M-Files is available in both 32-bit and 64-bit versions.

Mac and Linux users can access M-Files via a browser-based interface.

Enabling M-Files Web Access requires IIS and ASP.NET 4.0 or later on the server.

Processor and RAM Requirements (M-Files Server)

Minimum:

1 Intel Pentium or Celeron processor
1 GB of RAM

Recommendations for up to 50,000 documents:

1 or 2 Intel Xeon processors
4 GB of RAM
RAID-1 or RAID-5 disks

Recommendations for up to 1,000,000 documents:

2 or 4 Intel Xeon processors
16 GB of RAM
RAID-1 or RAID-5 disks
64-bit operating system

Recommendations for more than 1,000,000 documents:

4 Intel Xeon processors
32 GB of RAM
RAID-1 or RAID-5 disks
64-bit operating system

Consult M-Files Corporation for requirements and best practices in environments with more than 1,000,000 documents.

Disk Space Requirements (M-Files Server)

Metadata database:

Local hard disk drive.

2 GB of disk space for 100,000 documents.

20 GB of disk space for 1,000,000 documents.

Consult M-Files Corporation for requirements and best practices in environments with more than 1,000,000 documents.

File data:

Local hard disk drive OR network file server.

Sufficient disk space for storing the document files.

M-Files uses a binary delta algorithm to process old versions of document files. This reduces the disk space consumption of old file versions considerably.

Administrators can free disk space by archiving or destroying old versions.

Database Engine and Data Storage

M-Files Server includes Firebird Embedded, a powerful SQL database engine. Firebird is the default database engine of M-Files. The purchase of additional database software is not required. When using Firebird as the database engine of M-Files, the metadata of documents and other objects will be stored in a SQL database. The data files of documents are stored in the file system of the server.

Optionally, Microsoft SQL Server 2005, 2008, 2008 R2, or 2012 can be used as the database engine of M-Files. M-Files supports all the editions, for example, editions Express Edition, Standard Edition, and Enterprise Edition.

M-Files uses Unicode and thus supports storing and finding data in East Asian languages, too.

Network Communication

M-Files Client installations communicate with M-Files Server via TCP port 2266 (configurable).

Web clients use HTTP or HTTPS (configurable).

Network Address Translation (NAT) networks: Supported

Virtual Private Networks (VPNs): Supported

Special Environments

M-Files is compatible with the following special environments:

Terminal Services, Citrix, Linux file servers, Novell networks

64-bit Support

M-Files is compatible with 64-bit editions of Windows, such as Windows 7 x64. Both M-Files Server and M-Files Client can be installed and used with 64-bit editions of Windows.

User Authentication

M-Files supports two authentication methods (can be mixed):

- Windows authentication:
Users are authenticated using their Windows account names and passwords. Login accounts can be imported from Active Directory (LDAP).
- M-Files authentication:
Users are authenticated with usernames and passwords that are specified within M-Files.

Database Connections

M-Files Server can be integrated with existing databases, such as CRM and ERP databases. All databases with an OLE DB or ODBC driver are supported (includes SQL Server, Access, Oracle, and MySQL).

Application Programming Interface (API)

M-Files includes an ActiveX/COM API. Supported languages include VB.NET, C#, Visual Basic, VBScript, and C++.

Additionally, applications can customize parts of the M-Files user interface by using HTML and JavaScript.

Backups and Maintenance

M-Files supports scheduled full and differential backups.

When using Microsoft SQL Server as the database engine of M-Files, document vaults are backed up using the management tools of Microsoft SQL Server and file-system level backup tools. Any backup system that is compatible with Microsoft SQL Server can be used.

M-Files automatically optimizes the vault database once a week. No other regular maintenance is needed.

Technical Inquiries

Send technical inquiries to support@m-files.com.