

# M-Files 6.0

## Technical Data Sheet

### Supported Operating Systems

#### *M-Files Client:*

- Windows 7
- Windows Vista
- Windows XP
- Windows 2000
- Windows Server 2003
- Windows Server 2008
- Windows Server 2008 R2

#### *M-Files Server:*

- Windows 7
- Windows Vista
- Windows XP
- Windows 2000
- Windows Server 2003 (recommended)
- Windows Server 2008 (recommended)
- Windows Server 2008 R2 (recommended)

M-Files 6.0 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 2.0 or later on the server.

### Processor and RAM Requirements (M-Files Server)

#### *Minimum:*

Intel Pentium III, 800 MHz  
512 MB 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

### 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.

#### *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 or later can be used as the database engine of M-Files. The supported editions of Microsoft SQL Server are Standard and Enterprise. When using Microsoft SQL Server as the database engine of M-Files, all data of the document vault is stored in the SQL Server database. Only some secondary data, such as search indices that do not need to be backed up, are stored outside of the SQL Server database. All important data of the document vault are thus stored in the SQL Server database: both metadata and file data.

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 SSL (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 XP x64 and Windows Vista 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).

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## **Application Programming Interface (API)**

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

## **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. 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](mailto:support@m-files.com).