



PRACTICAL PROGRAMS

Supplemental Documentation

Dv TDM System Requirements

Dv TDM

Data Viewer - Total Document Management

Simply Better Document Management

Expanding Data Into Intelligence and Profitability



Prepared by the
PRACTICAL PROGRAMS, INC.
PROFESSIONAL SERVICES GROUP

Dv TDM Supplemental Documentation

Dv TDM System Requirements

*Provided by the Practical Programs, Inc.
Professional Services Group*

The information contained in this guide has proven to provide desired results at many client installations. Due to the numerous variations in Dv TDM access, Operating Systems, database configurations, network environments, permissions etc. the results can vary.

This guide is not specific to a particular software build and continues to be revised as new versions are released; however, parts of this manual refer to features and options for specific Dv TDM versions and builds. Not all the features and related procedures included in this manual are available for all Dv TDM versions and builds.

Please see the online Help for more information

This guide contains some highly technical and potentially dangerous information with regards to the configuration and maintenance of Dv TDM. Improperly applying some of the techniques within this guide can cause serious and permanent damage to a working Dv TDM installation.

Tell us what you think.

Dv TDM Administrators from around the world continue to provide useful input to the contents of this guide. Your comments and contributions are welcome. If you find anything that you feel is in error then please feel free to let us know.

Additions, corrections and feedback are desired, please send to support@practicalprograms.net.

*Thank you
Practical Programs, Inc. Professional Services Group
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1 System Requirements

Due to the Dv TDM scalable design it has very lean system requirements. Dv TDM requirements can vary depending on the intended use, number of users, external access method, database, etc.

1.1 Server

Minimum server requirements:

- Pentium III (1 GHz).
- 1 Gb RAM.
- 80 Gb HD.
- Windows 2000 Pro.

Training and demonstration can be completed using a laptop computer matching the above specifications.

For better performance it is recommended that you use a system that is equipped as noted below or better.

Recommended server specifications (Base System):

These resources will work fine for the base Dv TDM server and run the necessary Dv TDM system services:

- 2 Ghz processor(s) (Dual-Core or Multiprocessor).
- 1 Gb RAM.
- 80 Gb HD.
- Windows XP(SP2), Server 2000 or Server 2003.

Recommended server specifications (Document Repository):

If hosted on the Base Dv TDM system.

- Enough hard drive space to comfortably hold the documents (Typically a few hundred Gb).
- RAID 5 is recommended to provide a level of fault tolerance.
- SCSI is recommended to provide maximum speed performance.

If hosted on a separate server.

- 2 Ghz processor.
- 1 Gb RAM.
- Enough hard drive space to comfortably hold the documents (Typically a few hundred Gb).
- RAID 5 is recommended to provide a level of fault tolerance.
- SCSI is recommended to provide maximum speed performance.
- Windows XP(SP2), Server 2000 or Server 2003.

Recommended server specifications (MSSQL Database):

If hosted on the Base Dv TDM system.

- 4 Gb RAM.
- Enough hard drive space to comfortably hold the database (indexing data, text content search data for the managed documents & Thumbnail image for each document. (Typically a Gb).
- RAID is recommended to provide a level of fault tolerance.
- MSSQL 2000 or 2005.

If hosted on a separate server.

- 2 Ghz processor(s) (Dual-Core or Multiprocessor).
- 4 Gb RAM.
- Enough hard drive space to comfortably hold the documents. (Typically a few hundred Gb).
- RAID is recommended to provide a level of fault tolerance.
- Windows XP(SP2), Server 2000 or Server 2003.
- MSSQL 2000 or 2005.

As with most computing systems, the more powerful the resources, the better the performance.



See the Supported Databases topic for a list of supported databases.



Tip: The specifications of the server are best found by visiting the database vendor's web site. As you can choose different database types and have different number of users and documents working across different infrastructure we highly recommend visiting the database vendor's site to work out your exact requirements.

Recommended server specifications (Dv Web Server):**If hosted on the Base Dv TDM system.**

- The base server requirements are adequate

If hosted on a separate server.

- 2 Ghz processor.
- 1 Gb RAM.
- Windows XP(SP2), Server 2000 or Server 2003.

Additional Notes:

Dv TDM will work with Windows NT 4.0 SP6a, but it is not recommended.



Dv TDM will run just fine on Citrix and VMWare.

1.2 Client

Minimum client workstation requirements:

- Pentium III (1 GHz).
- 1 Gb RAM.
- 40 Gb HD.
- Windows 2000 Pro.
- MS Office 2000.

Recommended client workstation requirements:

- 1.4 Ghz processor.
- 1 Gb RAM.

- 80 Gb HD.
- Windows XP Pro.
- MS Office 2003.

Note: Dv TDM will work with Windows 95, 98 and 98se as a workstation. Dv TDM will not run on these systems as a server or standalone mode because these systems do not support Windows services.



Note: If the Dv Web interface is used: Web Browser Internet Explorer 6.0 or higher. IE 7 works fine. Viewer plug-in requires active-x to be enabled in options. Plug-in does not require administrative rights to host computer.

1.3 Supported Databases

Several industry standard database systems are supported by <%APPNAME%>. These include:

- MS Access.
- Interbase / Firebird.
- MSSQL (2000 and newer).
- Oracle ® (9i, 10g and XE) (8 and below are not supported).
- ODBC sources.

MS SQL Server 2000 (8.0) and higher versions are supported.
MS SQL Server 2000 SP4 is recommended.

MS SQL Server 2005 and higher versions are supported.
MS SQL Server 2005 SP1 is recommended.



Both MSDE 2000 and MS SQL Server Express 2005 are supported (Microsoft Developer Edition SQL).

To check your installed MS SQL Server version, see here:
<http://www.sqlteam.com/item.asp?ItemID=8318>



MS Access 2007 databases are not supported as of Jun 24, 2008.



SQL Server 7.0 and older are not supported.
MSDE 1.0 is not supported.



Databases cannot be migrated from one flavor to another. For example, an Access database cannot be up sized to MSSQL. This is because when Dv TDM creates a database, it includes database specific functionality to improve performance, i.e., triggers, stored procedures etc.