



TeleForm Enterprise v10 System Requirements

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Patent Information

Covered by US Patents 4,893,333; 5,247,591; 5,555,101, 5,943,137, 6,920,247 and 6,950,553.

Publisher's Note: Information contained in this document is intended for guideline purposes only. Cardiff product documentation supersedes information contained in this document. The situations described in this document are offered as examples; actual configurations and results will vary from system to system.

Enterprise Servers

TeleForm Server Hardware

TeleForm Enterprise is designed for a true Client/Server network environment. You cannot use a Windows workstation as your TeleForm Server. TeleForm does not support a peer-to-peernetworking environment.

Processor	Pentium 2.42 GHz or higher
Hard Drive	1.5 GB free disk space (install space plus room for production images and data)
RAM	1 GB
Network Card	100 Mbps TCP/IP network card
Operating System	<ul style="list-style-type: none">• Microsoft Windows 2000 Advanced Server SP4• Microsoft Windows 2000 Server SP4• Microsoft Windows 2003 Server• Microsoft Windows 2003 Enterprise
Other	DVD drive

NOTE: Processor and Server memory will have the greatest impact on database activities. Hard drive speed and available space will have the greatest impact on TeleForm applications.

Domain Controllers

You do not need to install TeleForm on the Primary Domain Controller (PDC) or the Backup Domain Controller (BDC) Server. However, your network must have a PDC in order for TeleForm to be installed.

Web Server for Web Capture Option

If you intend to use the Web Capture Option, the Web Server which hosts the Web Capture client page must meet these requirements:

Operating System	<ul style="list-style-type: none">• Microsoft Windows 2000 Advanced Server SP4, except 64-bit• Microsoft Windows 2000 Server• Microsoft Windows 2003 Server• Microsoft Windows 2003 Enterprise
Hard Drive	500 MB free disk space (install space plus room for production images and data)
RAM	1 GB
Internet Information Server	5.0, 5.1, 6.0
.NET	.NET Framework 1.1 Web Services Enhancements for Microsoft .NET (WSE)
Other	DVD drive

Workstation Hardware

Workstation Hardware

Enterprise and Workgroup systems can contain a mixture of workstations with different configurations, as long as all the workstations within the system meet these minimum requirements.

Processor	Intel Pentium III running at 800 MHz or higher
Hard Drive	500 MB Free Space
RAM	512 MB
Network Card	100 Mbps TCP/IP network card
Operating System	<ul style="list-style-type: none">• Microsoft Windows 2000 Professional SP4• Microsoft Windows XP Professional SP2
Monitor	VGA color or better 17" recommended for Verifier stations
Other	<ul style="list-style-type: none">• DVD drive• Mouse or other interface tool• Compatible fax server, scanner, or Web Server, depending on workstation function within TeleForm

Running Reader and AMP as Services

When run as a service, Reader and AMP can run on these server operating systems:

- Windows Server 2003 (SP1)
- Windows 2000 Server (SP4)

Reader and AMP can also be run as regular applications on these server operating systems.

Reader and AMP **CANNOT** be run as a service on the TeleForm Server, or on any member of a cluster if that cluster is acting as the TeleForm Server.

Remote Capture Station Workstations

This table outlines the minimum system needed to run Remote Capture Station. RCS workstations are not formally "within" the TeleForm system.

Processor	Intel Pentium III running at 600 MHz or higher
Hard Drive	500 MB Free Space
RAM	256 MB
Operating System	<ul style="list-style-type: none">• Microsoft Windows 2000 Professional SP4• Microsoft Windows XP Professional SP2
Monitor	VGA color or better
Other	<ul style="list-style-type: none">• DVD drive• Mouse or other interface tool• Compatible fax server, scanner, or imaging device

Web Capture Option Workstations

Computers that will run the Web Capture Client do not require the same processor, hard drive, memory, or operating systems as workstations that are formally "within" a TeleForm system. Any workstation on which the Web Capture client will run must meet only these requirements:

- Internet Explorer 6.0
- Microsoft SOAP Client 3.0 (automatically installed, if needed, when the workstation browses to the Web Capture Client URL)
- Microsoft Windows 98, Windows ME, Windows 2000 Professional, Windows XP Home, or Windows XP Professional
- TWAIN (for scanners and other input devices). If any Web Capt Module client will create batches strictly from images in directories, TWAIN is not required.

Network Requirements

To install and use TeleForm, you must have a functional local area network (LAN) that consists of the following basic components:

- Hardware — a Server and workstations, all with Ethernet network cards. Refer to the server and workstation requirements earlier in this chapter for more details.
- Software — Windows 2000 Server, Windows 2000 Advanced Server, Windows 2003 Server or Windows 2003 Enterprise Server, all running with the TCP/IP protocol. Refer to on page 9 for more details.
- Connections between the workstations and the server — network cables, hubs, routers, etc.
- CAT5 (or better) network cabling.
- Token Ring is not supported.
- 100 Mbps high quality network cards

Network Protocols

A network protocol is a set of rules describing how to transmit data across a network. By default, TeleForm uses TCP/IP to transmit data across the network. If both your clients and your Server are configured for TCP/IP communication, and they are communicating properly, TeleForm will automatically select TCP/IP as your protocol.

LDAP

TeleForm Enterprise can work with Active Directory to provide security functions. No other LDAP directories are supported.

Database

MS SQL Database

Before installing TeleForm v10.0, you **MUST** have a working MS SQL database application. You will be prompted for the identity of this database application during the v10.0 installation. You must also have a valid user name and password. Supported versions include:

- MS SQL Server 2000
- MS SQL Server 2005

The TeleForm install program can create a new database in your MS SQL application or link to an existing database. You will be given this option during the v10.0 installation.

Non-TeleForm Software

TeleForm can work with many software and hardware items created by other vendors. The software for these products is not included with TeleForm. You must install and configure them separately, and at the correct time, in order for them to be used with TeleForm.

Item /Software	When Installed
VMWare	Before TeleForm
Scanner	Before TeleForm
Fax	Before TeleForm
SourceSafe	Before or after TeleForm
OCEE DokuStar	Before or after TeleForm

VMWare Support

TeleForm v10x supports VMWare Server ESX. The following limitations apply:

- Only TeleForm Reader and TeleForm AutoMerge Publisher (AMP) can run on VMWare.
- Other TeleForm modules (Designer, Verifier, Control Center, Scan Station, and Utilities) will NOT run on VMWare.
- VMWare is only supported for TeleForm v10 and later. Earlier versions of TeleForm do not support VMWare.
- The operating system for the server used with TeleForm must be supported for TeleForm and VMWare. The VMWare supported operating systems do not “overrule” those for TeleForm.
- You may experience a noticeable decrease in performance when running on VMWare. We strongly recommend that you deploy TeleForm / VMWare in a test configuration to determine if any loss of performance is acceptable.

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