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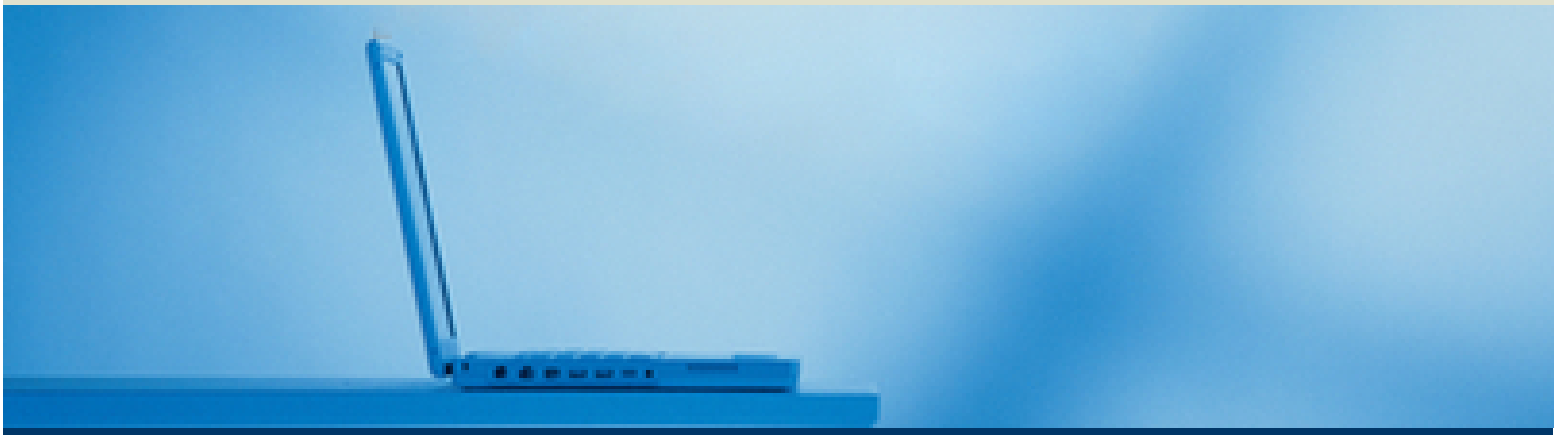
TeleForm v10 System Requirements

Cardiff White Paper



CARDIFF TELEFORM®

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TeleForm 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.

About this Document

This document provides information on the following topics:

- TeleForm Desktop Requirements on page
- TeleForm Enterprise and Workgroup Requirements
- Supported Operating Systems on page
- Fax Server Compatibility on page 13
- Scanner Compatibility on page 13

TeleForm Desktop Requirements

TeleForm Desktop is the single workstation version of TeleForm. For information on multiuser system requirements, see page 5.

Desktop Topics

See these paragraphs for information on TeleForm Desktop:

Desktop System Requirements

This table outlines the minimum system needed to run TeleForm Desktop v10.

Processor	Intel® Pentium® III-based processor running at 600 MHz or higher
Hard Drive	500 MB Free Space
RAM	256 MB
Monitor	VGA color or better
Operating System	Microsoft Windows 2000 Professional (Service Pack 4) Microsoft Windows XP Professional
Interface Tools	Mouse or other pointing device

Desktop Internal Database

TeleForm Desktop can run on either of two databases:

- MS SQL
- Microsoft SQL Server Desktop Edition (MSDE)

MS SQL

If you want to run TeleForm Desktop on an MS SQL internal database, your MS SQL database must be installed and running before you run the TeleForm setup program. You must have the appropriate user name and password, because you will be prompted for this information during the TeleForm installation.

MSDE

MSDE is included with the TeleForm installation program. If you choose this option, the TeleForm setup will automatically install and configure an MSDE database.

TeleForm Enterprise and Workgroup Requirements

TeleForm Enterprise and Workgroup are multiuser systems. Both Enterprise and Workgroup can make use of distributed workstations such as Remote Capture Stations and Web Capture Clients.

Multiuser Topics

See the following topics for detailed information on the hardware and software requirements for TeleForm Enterprise and Workgroup:

- TeleForm Server Hardware
- Web Server for Web Capture Option
- Workstation Hardware
- Remote Capture Station Workstations
- Web Capture Option Workstations
- Network Requirements
- MS SQL Database
- Running Reader and AMP as Services

TeleForm Server Hardware

TeleForm 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-peer-networking environment.

Processor	Pentium 2.42 GHz or higher
Hard Drive	1.5 GB free disk space (installation space plus room for production images and data)
RAM	1 GB
Network Card	100 Mbps TCP/IP network card
Operating System	Microsoft Windows 2000 Advanced Server (Service Pack 4) Microsoft Windows 2000 Server (Service Pack 4) Microsoft Windows 2003 Server Microsoft Windows 2003 Enterprise
Other	CD-ROM 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	Microsoft Windows 2000 Advanced Server (Service Pack 4), except 64-bit Microsoft Windows 2000 Server (Service Pack 4) Microsoft Windows 2003 Server Microsoft Windows 2003 Enterprise
Hard Drive	500 MB free disk space (installation 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	CD-ROM drive

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	Microsoft Windows 2000 Professional (Service Pack 4) Microsoft Windows XP Professional (Service Pack 2)
Monitor	VGA color or better 17" recommended for Verifier stations
Other	CD-ROM drive Mouse or other interface tool Compatible fax server, scanner, or Web Server, depending on workstation function within TeleForm

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	Microsoft Windows 2000 Professional (Service Pack 4) Microsoft Windows XP Professional (Service Pack 2)
Monitor	VGA color or better
Other	CD-ROM drive Mouse or other interface tool Compatible fax server, scanner, or Web Server, depending on workstation function within TeleForm

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.

TeleForm Workgroup does not support LDAP security.

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.

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)

They **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.

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

Reader and AMP can only be run as services on TeleForm Enterprise, NOT on TeleForm Workgroup.

Supported Operating Systems

The information in this document reflects operating systems that were certified for use with TeleForm when the document was released.

To see the latest information on operating system compatibility:

1. Go to https://customers.cardiff.com/support/ logon.jsp and log into Cardiff's customer service site.
   - **1.1** If you do not already have a support account, you will be prompted to create one.
2. Once you have logged in and the Support Index page appears, open the Wizards tab.
3. Under the TeleForm section, click the OS Wizard icon.

Fax Server Compatibility

Not all fax servers can be used with TeleForm. Consult our online Connect Agent Wizard for a list of fax servers that are supported and certified for use with TeleForm.

1. Go to https://customers.cardiff.com/support/ logon.jsp and log into Cardiff's customer service site.
   - **1.2** If you do not already have a support account, you will be prompted to create one.
2. Once you have logged in and the Support Index page appears, open the Wizards tab.
3. Under the TeleForm section, click the Connect Agent Wizard icon.

Scanner Compatibility

Not all scanners can be used with TeleForm. Consult our online Scanner Wizard for a list of scanners that are supported and certified for use with TeleForm.

1. Go to https://customers.cardiff.com/support/ logon.jsp and log into Cardiff's customer service site.
   - **1.3** If you do not already have a support account, you will be prompted to create one.
2. Once you have logged in and the Support Index page appears, open the Wizards tab.
3. Under the TeleForm section, click the Scanner Wizard icon

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