



MediMizer X3 System Requirements

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MediMizer X3 System Requirements

MediMizer Standalone Workstation Requirements

MediMizer X3 is a Microsoft .NET 2.0 Windows Form thick client application. It may be run with both the client and database server on the same workstation for single-user operation or demonstration systems. In a standalone install, all components can be on a single workstation – no servers are required.

- Processor: 32-bit Pentium 500 MHz or faster.
- Windows 2000 SP4 or Windows XP SP2/SP3 (32 bit)
- Memory: 512 MB RAM minimum, 1 GB recommended
- Free Disk Space on C drive: 4GB
- Video card: 2 MB, 1024x760 resolution, 16 bit color minimum
- Video display DPI must be set at **96 DPI – not higher**
- Microsoft Internet Explorer 6 or 7 installed to display help and web pages (Internet access not required for help)
- Internet access required to send e-mail, view web links, send messages to pagers
- Local administrative rights.
- Local hard disk write caching disabled
- Windows-compatible printer, locally or on network
- Serial port or USB port (varies with device) for Palm, Pocket PC, or medTester interface
- SMTP server required to e-mail reports (optional)
- Microsoft SQL Server Desktop Engine 2000 (MSDE) for database (included). May not use SQL Server database over the network.
- Microsoft Excel must be installed on workstation in order to use Export to Excel feature.



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Server Requirements

For multi-user configurations, shared files and the database are housed on servers.

File Server

A central file server contains files needed by all clients of MediMizer, including reports, linked documents, and a client installer program. A shared folder and mapped drive is used by all clients to access shared data. A single file server is needed for the system.

- Processor: Pentium 800 MHz or faster. 2 GHz recommended.
- Memory: 512 MB RAM. 2 GB recommended.
- Free Disk Space: 2 GB
- Network Card: 32 bit, 100 Mbps bandwidth
- Switch: 100 Mbps
- Network drive disk write caching DISABLED
- Hub: None recommended, Non-cascading acceptable (10 Mbps 5 port or 100 Mbps 24 port)
- Dedicated Bandwidth: 10-20 Mbps per client
- Windows Server 2003 SP1, Windows 2000 SP4, or Windows XP SP2/SP3
- No longer supported: Windows 98, Windows NT 4.0, Novell NetWare, and Windows ME
- Windows Vista is not yet supported, but will be in a future version.

MSDE Database Server

For systems with up to five concurrent users, Microsoft SQL Server Desktop Edition (MSDE) can be used for the database and operate on a small server or workstation. MSDE may be installed on one of the client workstation and shared with other users.

Larger systems will use a full SQL Server Database Server instead.

- MSDE (provided by TISCOR)
- No client licensing required
- Windows Server 2003 SP1, Windows 2000 SP4, Windows XP SP2/SP3, or Windows Server 2003 (32 bit)
- Processor: 32-bit Pentium 1.5 GHz or faster.
- Memory: 512 MB RAM minimum, 1 GB recommended
- Network Card: 32 bit, 100 Mbps bandwidth
- Free Disk Space on C drive: 5 GB.
- All users must have local admin rights on either domain or database workstation in order to access databases.



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SQL Server Database Server

For systems with more than five concurrent users, a Microsoft SQL Server 2000 or 2005 should be used. TISCOR does not include or sell SQL Server. TISCOR does provide a free copy of Microsoft SQL Server Desktop Edition (MSDE), a limited version of SQL Server for 1-5 users. Also compatible with Microsoft SQL Express.

- Microsoft SQL Server 2000 or 2005 database server (including MSDE or SQL Express) (licensed from Microsoft). SQL Server 2008 is not yet supported.
- 2 SQL Server client access licenses (CALs) per user (one for program; one for reports)
- Windows Server 2003 SP1, Windows 2000 SP4, Windows XP SP2/SP3, or Windows Server 2003 (32 bit)
- Processor: 32-bit Pentium 1.5 GHz or faster.
- Memory: 512 MB RAM minimum, 2 GB recommended
- Network Card: 32 bit, 100 Mbps bandwidth
- Free Disk Space on default database drive: 5 GB. 2 or more physical drives recommended.
- Free Disk Space on drive with Windows/SQL Server temporary folder: 1 GB
- SQL Server 2000 Enterprise Manager or SQL Server 2005 Management Studio installed
- SysAdmin rights required to install or migrate databases.
- DB_Owner rights required to use application.

Citrix MetaFrame Server

TISCOR does not certify MediMizer under Citrix MetaFrame; however, some TISCOR customers have successfully implemented MediMizer in a WAN environment using the Citrix MetaFrame server. By noting that MediMizer can work on a Citrix MetaFrame Server, TISCOR is not endorsing a product implementation or configuration. Note that Microsoft ActiveSync required for Pocket PC interface is not compatible with Citrix.

All requirements of FILE SERVER plus the following:

- Available Memory: 2 GB RAM or more, depending on number of users



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MediMizer Messaging Server

The message server is a background program that handles administrative tasks for emailing and paging. It also supports the legacy work request system similar to the Automated Request Receiver (ARR) in earlier versions.

- * Processor: 32-bit Pentium 500 MHz or faster
- * Windows 2000 SP4 or Windows XP SP2/SP3 (32 bit) *
- * Memory: 256 MB RAM minimum, 1 GB recommended
- * Network Card: 32 bit, 100 Mbps bandwidth
- * Internet access required to send messages to pagers
- * Free Disk Space: 2 GB
- * Monitor resolution 800x600 or higher
- * Dedicated Bandwidth: 10-20 Mbps per client
- * Local administrative rights
- * Windows-compatible printer(s), locally or on network
- * SMTP server or MAPI available to send e-mail and pages



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Client Requirements

MediMizer Thick Client Workstation

MediMizer is a Microsoft .NET 2.0 Windows Form thick client application. Each user will need the client application installed on his/her workstation. MediMizer is licensed by the maximum number of concurrent users. There is no limit to the number of workstations where it may be installed.

- Processor: 32-bit Pentium 500 MHz or faster.
- Windows 2000 SP4 or Windows XP SP2/SP3 (32 bit) *
- Memory: 512 MB RAM minimum, 1 GB recommended
- Free Disk Space on C drive: 2 GB
- Video card: 2 MB, 1024x760 resolution, 16 bit color or better.
- Video display DPI must be set at **96 DPI – not higher**
- Network Card: 32 bit, 100 Mbps bandwidth
- Microsoft Internet Explorer 6 or 7 installed to display help and web pages (Internet access not required for help)
- Internet access required to send e-mail, view web links or send messages to pagers
- Dedicated Bandwidth: 10-20 Mbps per client
- Local administrative rights.
- Local hard disk write caching disabled
- Serial port or USB port (varies with device) for Palm, Pocket PC, or medTester interface
- Windows-compatible printer, locally or on network
- SMTP server required to e-mail reports (optional)
- Microsoft Excel must be installed on workstation in order to use Export to Excel feature.



MediMizer X3 System Requirements

Crystal Reports Designer Workstation

Crystal Reports Designer is licensed by named user. A licensed copy of Crystal Reports will be needed for each user who wants to design custom reports with Crystal Reports Designer. MediMizer includes one license to Crystal Reports Designer. Additional licenses may be purchased from TISCOR, through Business Objects (the maker of Crystal Reports), or other authorized Crystal Reports reseller.

Crystal Reports Designer may be installed on same workstation with the MediMizer Thick Client or separately.

Note that we only support design of reports with Crystal Reports XI or XI R2; Crystal Reports 2008 and earlier versions of Crystal Reports (8.5, 9, or 10) are not supported and the designed reports may not work correctly when imported into MediMizer.

- Crystal Reports XI or Crystal Reports XI R2, Professional or Developer Edition
- Processor: 32-bit Pentium 500 MHz or faster.
- Windows 2000 SP4 or Windows XP SP2/SP3 (32 bit)
- Video card: 2 MB, 1024x760 resolution, 16 bit color.
- Memory: 256 MB RAM minimum, 1 GB recommended
- Microsoft Internet Explorer 6 or 7 installed to display help
- Internet access recommended for registration and updates
- Free Disk Space: 2 GB
- Local administrative rights
- Microsoft Mouse or compatible pointing device
- Windows-compatible printer, locally or on network

Client Directory Permissions

- Must have full read/write permissions to MediMizer client directory and its subdirectories.
- Must have full permissions to MediMizer file server directory and its subdirectories
- Must have full permissions for Windows temporary directory (defined by TEMP or TMP environment variable), including file create and delete rights.
- Must have at least read permissions for Windows and Windows\System32 directories.



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Device Requirements

Pocket PC Device Requirements

Each Pocket PC device requires licensed MobileTech application software.

- * Symbol MC50, Symbol MC70, Intermec CN2, or Intermec CN3
- * USB sync cradle or cable
- * Works with most Pocket PC Windows Mobile 2003 and Windows Mobile 5 devices
- * 64 MB RAM on device
- * ActiveSync 4.2 or 4.5 running on the workstation (ActiveSync 4.0 seems to work for all devices except the CN3.)

Palm Device Requirements

Each Palm device requires licensed MobileTech application software. Existing MobileTech licenses from earlier versions will upgrade without cost.

- * Compatible with Symbol SPT 1550, SPT 1800, and most Palm OS Version 4.x-5.x devices. Symbol SPT 1500 and Symbol SPT 1700 are no longer supported.
- * RS-232 serial sync cradle or cable or USB for some third party Palm devices
- * Minimum of 8 MB RAM on device. 16 MB recommended.
- * Palm Desktop 4.x (including HotSync Manager) running on workstation



MediMizer X3 System Requirements

medTester Requirements

There is no software licensing requirements for medTester devices. Any number of medTesters may be used with MediMizer clients. Note that medTester is not supported in the current release of X3, but will be included in a maintenance release later this year.

- * Fluke medTester 5000C/B CMMS Connectivity Bundle
 - * medTester 5000c (Fluke Part # 2247382) Version 5.08 or higher
 - * **“Module 10” CMMS interface (2245212)**
 - * RS232/Printer interface (2245136)
 - * 100-record storage (2245149)
 - * Expanded record storage (2245151)
 - * data transfer (2245172)
 - * medCheck (2245185)
- * Communicates with special RS-232C cable available from Fluke
- * USB adaptor available from third party for interfacing to PCs that do not have serial ports (driver required). Contact Fluke for details.



MediMizer X3 System Requirements

iRequestManager Web Portal Requirements

These requirements only apply if you are using the optional iRequestManager work request module. This module will be licensed separately as a one-time charge. Any number of clients may enter requests without additional licensing. Owners of iRequestManager in earlier versions of MediMizer may upgrade their iRequestManager at no charge with the purchase of the MediMizer X3 upgrade.

MediMizer X3 supports both an interactive web-based interface that allows checking on status of requests, as well as the "legacy" approach used by MediMizer Versions 9 through 12. If you already have a legacy installation, it can be use as-is just updating the Automated Request Receiver; the clients and web form do not have to change. Many legacy iRM users will want to update to the web portal. The legacy and web portals can even be used together.

iRequestManager Web Server

The iRequestManager ASP.NET application allows clients to enter and check status of work requests submitted to MediMizer through a web browser.

- * Windows XP Professional SP2
- * Microsoft Internet Information Services (IIS) web server, Version 5.1 or 5.2
- * Processor: 32-bit Pentium 500 MHz or faster.
- * Memory: 256 MB RAM minimum, 1 GB recommended
- * Internet access recommended for registration and updates
- * Web browser: Internet Explorer 6 or 7 or Mozilla FoxFire 2.0
- * Free Disk Space: 2 GB

iRequestManager Web Client

The web client allows hospital personnel to enter work requests from a web browser anywhere in the hospital without special set-up.

- * Web browser: Internet Explorer 6 or 7 or Mozilla FoxFire 2.0
- * Access to iRequestManager Web Server on intranet or Internet
- * Client-side scripting (JavaScript) enabled
- * No ActiveX plug-ins or Java applets are needed.



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iRequestManager Legacy Configuration Requirements

Work Request Program

The Work Request program (also known as the Request Client Program) is a Windows program used to submit and optionally print Work Orders. It can be installed on as many workstations as needed without licensing. It requires the .NET 2.0 runtime – so must be installed with our installer.

- * Windows 2000 SP4 or Windows XP SP2/SP3 (32 bit) *
- * Memory: 256 MB RAM minimum
- * Free Disk Space on C drive: 1 GB
- * Monitor resolution 800x600 or higher
- * Video display DPI must be set at **96 DPI – not higher**
- * Windows-compatible printer if request printing is desired, locally or on network
- * If request drop box is used, must have read/write/search access to drop box folder
- * If email is used to submit request, SMTP server or MAPI available