

Lytec System Requirements

March 2021



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Date	Page	Description

Lytec MD 2021 Hardware and Software Requirements

This guide identifies the hardware and software requirements for Lytec MD 2021.

Application Server

The following table lists the hardware requirements for application servers.

CPU (Processor)	Intel Dual Core Xeon 2.0GHz
RAM (Memory)	4GB
Storage Array Type	RAID-5 or SAN
Optical Drive	DVD-ROM
Network Card (NIC)	1Gbps

For smaller customers, these specifications will support up to 10 thin client users and the Lytec MD application folder.

Database Server (SQL)

The following table lists the hardware requirements for SQL database servers.

CPU (Processor)	Dual Intel Quad Core Xeon 2.0GHz
RAM (Memory)	8GB (16GB for 300-1000 users; 32GB for 1000+ users)
Storage Array Type	RAID-1 and RAID-10 or SAN
Optical Drive	DVD-ROM
Network Card (NIC)	1Gbps

SQL servers require multiple RAID arrays. One array is for the database files; the other is for either transaction logs (SQL). eMDs recommends a third array for the operating system.

These specifications are for a single production database. Additional databases (testing, training, production) require, at a minimum, an increase in RAM. Contact eMDs Support for further information.

Server Operating System - Recommended

- Windows Server 2016

Server Operating System - Supported

- Windows Server 2012 (64 Bit) and R2
- Windows Server 2016 (64 Bit), Datacenter, Essentials
- Windows Server 2019 Standard

Network - Recommended

Consult with a licensed network vendor for proper wiring for your business computing environment. Wireless networks are not recommended. If a wireless network is the only option, 2021 requires the use of Terminal Services/RDP/ Thin Clients and does not support a direct connected wireless workstation.

Internet - Required

High-speed Cable, DSL, or Satellite Internet service.

Database - Version of SQL

Uses SQL Server 2017 Standard

Workstation Hardware - Required

The following table lists the hardware requirements for workstations.

CPU (Processor)	Intel Dual Core 1.6GHz (1.0GHz for tablets)
RAM (Memory)	8GB
Storage Space available	8GB*
Optical Drive	DVD-ROM (required if installing from a CD)
Network Card (NIC)	100Mbps (or 802.11g for wireless)
Display Monitor	1024x768 (1200x800 for widescreen displays)

Workstation Hardware - Recommended

CPU Type	Core 2 2.4GHz or faster
RAM (Memory)	8GB
Storage Space available	8GB*
Optical Drive	DVD-ROM (required if installing from a CD)
Network Card (NIC)	1Gbps
Display Monitor	1024x768 (1280x800 for widescreen displays)

*Your database will grow as you add data to your practice, increasing the amount of space needed on the hard drive.

Workstation Operating System - Supported

- Windows 10 Professional, Enterprise (NOT Home or S)

Lytec MD 2021 Supported Operating Systems

OPERATING SYSTEM	SERVER	WORKSTATION	DATABASE
	Version of Lytec 2021	Version of Lytec 2021	Version of SQL
	Client/Server	Client/Server	SQL Server 2017 Standard Edition
Windows Server 2012 and R2, Windows Server 2016 Standard, Datacenter, Essentials, Windows Server 2019 Standard	Y	Y	Y
Windows 10 Professional, Enterprise*	N/A	Y	N

*Lytec MD is NOT supported for Windows 10 Home version for Patient Records and Medical Billing. Windows 10 S is NOT supported.

For a complete list of all system requirements for Lytec MD, see Lytec MD System Requirements in the System Administration and System Requirements section of the Lytec 2021 Documentation page in Salesforce.

Revenue Management

Revenue Management uses Advantage Local Server. Advantage Local Server is limited to a maximum of five concurrent users. If you want to have more than five users accessing Revenue Management at the same time, you will need to upgrade to Advantage Database Server. Contact your Value Added Reseller for more information.

MPIC System Requirements

Hardware requirements

CPU (Processor)	Equivalent of Intel Quad Core Xeon 1.6GHz
RAM (Memory)	8GB
Storage Array Type	RAID-1
Optical Drive	DVD-ROM
Network Card (NIC)	1Gbps (cannot be a teamed network card)
Hard Drive	At least 30GB

Software requirements

MPIC must be installed at the same location as your SQL server. It does not need to be installed on any of your workstations. Nor does it have to be dedicated.

You may use a virtual server with MPIC.

With Practice Partner 11.2

- Windows Server 2012 and R2
- Windows Server 2016, Datacenter, Essentials
- Lytec 2014 SP1 or higher