CGM LYTEC System Requirements

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Product

CGM Lytec 2022

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CGM LYTEC 2023 Hardware and Software Requirements

This chapter identifies the hardware and software requirements for this release.

CGM LYTEC 2023 Single-User Hardware and Software Requirements

Hardware - Minimum Required

CPU Type	Intel Pentium IV 4.2GHz or faster
RAM (Memory)	2GB
Storage Space available	4GB*
Optical Drive	DVD-ROM (required if installing from a CD)
Network Card (NIC)	100Mbps
Display Monitor	1024x768 (1280x800 for widescreen displays)

Hardware - Recommended

CPU Type	Pentium D 2.6GHz 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 Pro/Enterprise (Windows 10 S and Home are NOT supported)
- Windows 11 Pro/Enterprise (Windows 11 Home is NOT supported)

Internet - Required

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

Database - Version of SQL

CGM LYTEC Single User version uses SQL Server Express. With this application, the size of your database is limited to 10GB. SQL Server 2017 Express will use, at most, 1GB of RAM.

Recommendation:

It is recommended that, after entering your Customer Account ID and successfully registering your software, you make a backup of Lytec SharedData and store it safely offsite. In this way, in case your server fails, or you have to set up a new server, you can restore from that backup. Registration of CGM LYTEC is tied to the server, so if you do not have your Lytec SharedData backed up, you will need to contact Support to assist in getting your registration reactivated. Perform this one-time backup in addition to the daily practice files backup, which should be performed and stored offsite.

CGM LYTEC 2023 Professional or Multi-User Hardware and Software Requirements

Server Hardware - Minimum Required

CPU Type	Intel Pentium IV 4.3GHz or faster
RAM (Memory)	2GB
Storage Space available	6GB*
Optical Drive	DVD-ROM (required if installing from a CD)
Network Card (NIC)	100Mbps
Display Monitor	1024x768 (1280x800 for widescreen displays)

Server 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.

Server Operating System - Supported

- Windows Server 2012 (64 Bit) (Microsoft support end of life is October 10, 2023)
- Windows Server 2012 R2 (64 Bit) (Microsoft support end of life is October 10, 2023)
- Windows Server 2016 Standard (64 Bit), Datacenter, Essentials
- Windows Server 2019 Standard
- Windows 10 Pro/Enterprise (Windows 10 S and Home are NOT supported)
- Windows 11 Pro/Enterprise (Windows 11 Home is NOT supported)

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, eMDs 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 Express. With this application, the size of your database is limited to 10GB. In addition, SQL Server 2017 Express will use, at most, 1GB of RAM.

Workstation Hardware - Minimum Required

CPU Type	Intel Pentium IV 2GHz or faster
RAM (Memory)	2GB
Storage Space available	6GB*
Optical Drive	DVD-ROM (required if installing from a CD)
Network Card (NIC)	100Mbps
Display Monitor	1024x768 (1280x800 for widescreen displays)

Workstation Hardware - Recommended

CPU Type	Intel Pentium IV 2.6GHz 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 Pro, Enterprise (Windows 10 S and Home are NOT supported)

- Windows 11 Pro/Enterprise (Windows 11 Home is NOT supported)

Recommendation:

It is recommended that, after entering your Customer Account ID and successfully registering your software, you make a backup of Lytec SharedData and store it safely offsite. In this way, in case your server fails, or you have to set up a new server, you can restore from that backup. Registration of CGM LYTEC is tied to the server, so if you do not have your Lytec SharedData backed up, you will need to contact Support to assist in getting your registration reactivated. Perform this one-time backup in addition to the daily practice files backup, which should be performed and stored offsite.

CGM LYTEC 2023 Client/Server Hardware and Software Requirements

Server Hardware - Minimum Required

CPU Type	Intel Pentium IV 4.3GHz or faster
RAM (Memory)	4GB
Storage Space available	6GB*
Optical Drive	DVD-ROM (required if installing from a CD)
Network Card (NIC)	1Gbps
Display Monitor	1024x768 (1280x800 for widescreen displays)

Server 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.

Server Operating System - Supported

- Windows Server 2012 (64 Bit) (Microsoft support end of life is October 10, 2023)
- Windows Server 2012 R2 (64 Bit) (Microsoft support end of life is October 10, 2023)
- Windows Server 2016 Standard (64 Bit), Datacenter, Essentials
- Windows Server 2019 Standard
- Windows 11 Pro/Enterprise (Windows 11 Home is NOT supported)

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, eMDs 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.

Microsoft SQL Database - Supported

- Microsoft SQL 2019

- Microsoft SQL 2017

*CGM LYTEC Client/Server will continue to use Microsoft SQL 2012 if it is already installed; however, certain new CGM LYTEC features will not work with SQL 2012. SQL 2012 is no longer supported by Microsoft nor CGM so it must be upgraded. To upgrade SQL it will need to be purchased and installed separately.

Workstation Hardware - Minimum Required

CPU Type	Intel Pentium IV 2GHz or faster
RAM (Memory)	4GB
Storage Space available	8GB*
Optical Drive	DVD-ROM (required if installing from a CD)
Network Card (NIC)	100Mbps
Display Monitor	1024x768 (1280x800 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 Pro, Enterprise (Windows 10 S and Home are NOT supported)

- Windows 11 Pro/Enterprise (Windows 11 Home is NOT supported)

Recommendation:

It is recommended that, after entering your Customer Account ID and successfully registering your software, you make a backup of Lytec SharedData and store it safely offsite. In this way, in case your server fails, or you have to set up a new server, you can restore from that backup. Registration of CGM LYTEC is tied to the server, so if you do not have your Lytec SharedData backed up, you will need to contact Support to assist in getting your registration reactivated. Perform this one-time backup in addition to the daily practice files backup, which should be performed and stored offsite.

CGM LYTEC 2023 Supported Operating Systems

OPERATING SYSTEM	SERVER		WORKSTATION	
	Version of CGM LYTEC 2023		Version of CGM LYTEC 2023	
	Client/Server	Single-User, Professional, or Multi-User	Client/Server	Single-User, Professional, or Multi-User
Windows 10 Pro, Enterprise*			**Y**	
Windows 11 Pro/Enterprise**	**N/A**	**N/A**		**Y**
Windows Server 2012/2012 R2,*** 2016 Standard, Datacenter, Essentials			**Y**	
Windows Server 2019 Standard	**Y**	**N/A**		**Y**

*Windows 10 S and Home are NOT supported.

**Windows 11 Pro/Enterprise (Windows 11 Home is NOT supported)

***Microsoft support end of life is October 10, 2023

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 and newer

- Windows Server 2012 and R2 (Microsoft support end of life is October 10, 2023)

- Windows Server 2016 Standard, Datacenter, Essentials

- Windows Server 2019 Standard

- Lytec 2014 SP1 or newer

- SQL Server Express 2017 or 2019*

*SQL server express is NOT installed with MPIC. For Lytec, MPIC will use the version of SQL Server Express or Standard that Lytec is using.

Firewall settings

An installed firewall or router may be block some of the needed Platform Services APIs.

The following must all be allowed:

identity.emdscloud.com	eligibilitybenefits.emdscloud.com
licensing.emdscloud.com	ppsmobile.emds.com
terminology.emdscloud.com	api.emdscloud.com

In addition, the two below are required if you are using CGM CONNECTION:

https://cnx.cgmus.com/

https://cnx-mh.cgmus.com/

Anti-Virus Software

An anti-virus solution should be installed with the CGM-recommended configurations. The application folder and client folder must be excluded from real-time/on-access scanning. CGM recommends scheduled scans when users are not in the system. Ensure that exclusions are set properly. CGM recommends turning off Windows Defender and other anti-virus programs during the CGM LYTEC Installation, and with Revenue Management (RM) installation and updates; otherwise, it may interact with files and some files may not get installed. Any anti-virus solution that does not allow for exclusions should not be installed. If asked by Support, you must be able to show the exclusions.