



## Lytec 2021 Recommendations

- *Specifications are based on a 5-user setup unless otherwise specified. For every additional 10 users, multiply requirements by 2.*
- *Storage Requirements mean amount of available disk space; plan for expansion if purchasing new equipment.*
- *These system requirements DO NOT cover Lytec MD nor do they include considerations needed for other applications or server roles.*
- *These Requirements are subject to change without notice.*

## All Editions

### Windows

- Windows Home Editions are NOT supported. CHS reserves the right to refuse installation on Home Editions of Windows in a business environment. Windows 10S is NOT supported.
- Make sure Windows is fully patched on all devices, including the most recent major updates
- Windows Feature .NET 3.5 must be installed
- Windows Server 2019 Standard is supported for Lytec 2021

### Network

- High-speed Cable, DSL, or Satellite Internet service is required
- Lytec Client (workstation) installations (unless Single User Edition) are not supported in a wireless network

### Display

- The recommended screen resolution setting is 1024x768 or 1280x800 for widescreen displays. Using another screen resolution may result in Lytec windows being cut off.

## Client Server

For other editions, see below

<b>Server</b>	<b>Minimum</b>	<b>Recommended</b>
<i>CPU</i>	Quad Core 2.4 GHz or higher	Dual Quad Core 2.4 GHz or higher
<i>Ram</i>	8 GB	12 GB
<i>OS</i>	Windows Server 2012 - 64 Bit	Windows Server 2016 Standard
<i>Storage</i>	6 GB	8 GB
<i>NIC</i>	1Gbps	1Gbps

<b>Client</b>	<b>Minimum</b>	<b>Recommended</b>
<i>CPU</i>	Quad Core 2.4 GHz	Quad Core 2.4 GHz or higher
<i>Ram</i>	4 GB	8 GB
<i>OS</i>	Windows 10 Professional 64 bit	Windows 10 Professional 64 bit
<i>Storage</i>	8 GB Free on OS Drive	8 GB Free on OS Drive
<i>NIC</i>	100Mbps	1Gbps

## User Permissions

Installation must be done while logged into Windows as an administrator type account.

Reboots must be allowed upon request throughout the installation.

The user group 'Administrators,' and the users 'System' and 'Network Service' will need full control to the following directories: All users/groups who will run Lytec on each client PC must have at least Modify [permissions](#) and *may* need full control in some environments.

Applying the required permissions by Group Policy is recommended but is to be completed by a site's IT Vendor/Administrator.

<b>Program</b>	<b>Path</b>
<i>Lytec</i>	C:\Program Files (x86)\Lytec 2020
<i>Lytec</i>	C:\ProgramData\Lytec
<i>Revenue Management</i>	C:\Program Files (x86)\Lytec 2020\RCM
<i>Revenue Management</i>	RMDData share  *the path will depend on the site's share location  ** in some cases, the 'Everyone' group may be required to have Full Control

## Firewall Requirements

<i>Program</i>	<b>Type</b>	<b>Exception</b>	<b>Detail</b>
<i>Lytec</i>	program	\MSSQL\$instance_name\Binn \sqlservr.exe	the path will depend on the site's installation path
<i>Lytec</i>	program	C:\Program Files (x86)\eMDs MSL Connectivity Service	incoming
<i>Lytec</i>	TCP port	1433,1434	incoming/outgoing
<i>Lytec</i>	UDP port	1434	incoming/outgoing
<i>Lytec</i>	internet	Services.ndchealthvar.com	Internet blocking must not block outbound calls to this url
<i>Lytec Mobile</i>	TCP port	mslconnect.emds.com (23.99.212.20): 443	outgoing

## AntiVirus

The installation directory must be excluded from real-time/on-access scanning. Virus Scanning is recommended to be scheduled to run when users are not in the system. Ensure that the above exclusions are set. Any anti-virus that does not allow for exclusions should not be installed. If asked by Support, you must be able to show the exclusions.

Known executables requiring AntiVirus exceptions

<i>Program</i>	<b>Executable</b>	<b>Path:</b>
<i>Lytec</i>	Lytec.exe	C:\Program Files (x86)\Lytec 20xx\
<i>Revenue Management</i>	CCUpdate.exe	C:\Program Files (x86)\Lytec 20xx\RCM
<i>Revenue Management</i>	CMUpdate.exe	C:\Program Files (x86)\Lytec 20xx\RCM
<i>Revenue Management</i>	Help.exe	C:\Program Files (x86)\Lytec 20xx\RCM
<i>Revenue Management</i>	InstallEditUpdate.exe	C:\Program Files (x86)\Lytec 20xx\RCM
<i>Revenue Management</i>	Reports.exe	C:\Program Files (x86)\Lytec 20xx\RCM
<i>Revenue Management</i>	RevenueManager.exe	C:\Program Files (x86)\Lytec 20xx\RCM
<i>Revenue Management</i>	SendCIm.exe	C:\Program Files (x86)\Lytec 20xx\RCM
<i>Revenue Management</i>	MS19.dll	C:\Program Files (x86)\Lytec 20xx\RCM

You may be required to disable User Account Control (UAC) and Data Execution Prevention (DEP)

## Lytec Professional, MU, SU

<b>Server</b>	<b>Minimum</b>	<b>Recommended</b>
<i>CPU</i>	Dual Core 3.0 GHz or higher	Quad Core 2.4 GHz or higher
<i>Ram</i>	4GB	8GB
<i>OS</i>	Windows 10 Professional 64 bit	Windows 10 Professional 64 bit
<i>Storage</i>	6GB	8GB
<i>NIC</i>	1Gbps	1Gbps

<b>Client</b>	<b>Minimum</b>	<b>Recommended</b>
<i>CPU</i>	Dual Core 3.0GHz	Dual Core 3.0GHz
<i>Ram</i>	4GB	8GB
<i>OS</i>	Windows 10 Professional 64 bit	Windows 10 Professional 64 bit
<i>Storage</i>	6GB	8GB
<i>NIC</i>	100Mbps	1Gbps