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## Lytec 2020 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.*

*Windows 10 Home is NOT supported. CHS reserves the right to refuse installation on Home Editions of Windows in a business environment.*

## All Editions

Make sure your Windows operating system has the latest service pack installed

Including .NET 3.5 which may not be present by default

### Not Supported

Windows XP, Windows SBS Server, Windows Server 2003, Windows Home Edition, Windows 8 RT on the ARM processor, Windows 10 S

### Network

Wireless is not supported for local installs of Lytec

### 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

### Server

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

### Client

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

## User Permissions

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 the applicable software on each client PC (ie. ComputerName\Users or Domain\Users) 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.

Program	Path	Detail
<b>Lytec</b>	C:\Program Files (x86)\Lytec 2020	C:\Program Files\Lytec 2020
<b>Lytec</b>	C:\ProgramData\Lytec	C:\Documents and Settings\Users\All Users\Application Data\Lytec
<b>Revenue Management</b>	C:\Program Files (x86)\Lytec 2020\RCM	C:\Program Files\Lytec 2020\RCM
<b>Revenue Management</b>	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

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

## Known executables requiring AntiVirus exceptions (depending on level of protection)

Program	Executable	Path:
Lytec	Lytec.exe	C:\Program Files (x86)\Lytec 20xx\
Revenue Management	CCUpdate.exe	C:\Program Files (x86)\Lytec 20xx\RCM
Revenue Management	CMUpdate.exe	C:\Program Files (x86)\Lytec 20xx\RCM
Revenue Management	Help.exe	C:\Program Files (x86)\Lytec 20xx\RCM
Revenue Management	InstallEditUpdate.exe	C:\Program Files (x86)\Lytec 20xx\RCM
Revenue Management	Reports.exe	C:\Program Files (x86)\Lytec 20xx\RCM
Revenue Management	RevenueManager.exe	C:\Program Files (x86)\Lytec 20xx\RCM
Revenue Management	SendClm.exe	C:\Program Files (x86)\Lytec 20xx\RCM
Revenue Management	MS19.dll	C:\Program Files (x86)\Lytec 20xx\RCM

Trend Micro, CA eTrust, and Kaspersky are unapproved anti-virus solutions that may cause instability

## Lytec Professional, MU, SU 2020 Recommendations

### Server

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

### Client

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