



Installing LytecMD on Windows Server 2008 (64-bit) Best Practices

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PLEASE READ:

This installation guide will guide you through the installation of LytecMD EHR. If you need assistance installing Lytec 2010 Practice Management, please refer to the installation guide on the disc or contact technical support. To reduce downtime, please wait to reboot your server until after all registry keys have been applied and edited and User Account Control has been turned off.

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Installing the Database scripts

- 1. Locate the installation CD named: LytecMD SQL New Site from the CD Case and insert it into the hard drive. It should Autorun and start the installation. Click Next.
- 2. On the "Choose Destination Location" window, select the current default path or select your recommended drive letter. (P:\94SQLSetup) by clicking the Browse button. Once you have picked your destination path, click Next.



Once the installation is complete, the window should close. If not click, Finish.

Creating the Database Directory and Setting Permissions

1. You will need to create the following directories DATA, LOG, PPSYS, and BACKUP inside a folder labeled LYTECMD on the P:\ drive for your EMR data. It is recommended that you use ALL CAPS when labeling these folders.

Fevorite Links Documents Pictures Music Recently Changed Searches Public					
Proverte Links Pavorite Links Name Documents Pictures Music Searches Public Folders 4 items Views Views Views Views Polder Views Views	G 🕞 🖓 🗸 Computer	→ Data Drive (P:) → LYTECN	1D 🕶	🝷 🛃 Search	
Pavorite Links Documents Pictures Music Recently Changed Searches Public Folders 4 items	🕘 Organize 👻 📗 Views	•			0
Folders 4 items	Favorite Links Documents Pictures Music Recently Changed Searches Public	Name A	Date modifiedType6/8/2010 11:18 AMFile Folder6/8/2010 11:18 AMFile Folder6/8/2010 11:18 AMFile Folder6/8/2010 11:18 AMFile Folder	V Size	
	Folders				

NOTE: All permissions settings need to be accurate for your network or domain controller on the P:\Drive for your EHR Setup. If you are setup on a domain, you may need to add additional permissions to those users as well. Consult your IT System Administrator for further information.

2. Adjust the permissions and security to full access rights to the root P:\ drive by right-clicking on the P:\ drive from My Computer, select "Share..." and then click on the Advanced Sharing Button.

🚓 Data Drive (P:) Properties 🛛 🗙
Shadow Copies Previous Versions Quota Customize General Tools Hardware Sharing Security
Network File and Folder Sharing P:N
Network Path: Not Shared
Share
Advanced Sharing Set custom permissions, create multiple shares, and set other advanced sharing options.
Password Protection
People must have a user account and password for this computer to access shared folders.
To change this setting, use the <u>Network and Sharing Center</u> .
OK Cancel Apply

3. From the Advanced Sharing window, check "Share this folder" and then select the Share Name. From here click the permission button and add USERS, EVERYONE, SYSTEM, and DOMAIN USERS (if you are on a domain) then click Ok. Click Ok again on the Advanced Sharing Window. You will need to repeat these same steps for the

Advanced Sharing	×
Share this folder	
Settings	1
Share name:	
P	
Add Remove	
Limit the number of simultaneous users to: 16777;	
Comments:	
This is the shared P: Drive for the EHR Data.	
Permissions Caching	
OK Cancel Apply	

4. You will need to add the same permission settings to the P:\ Drive Properties Window by clicking on the Security Tab, then click Edit to add the username and/or groups in step 3. From here apply Full Control to all added groups, then click OK, and Close.

🚓 Data Drive (P:) Properties 🛛 🗙
Shadow Copies Previous Versions Quota Customize General Tools Hardware Sharing Security
Object name: P:\
Group or user names:
& Everyone
& CREATOR OWNER
8 SYSTEM
Administrators (WIN-ML3Y/LMWUA/Administrators)
To change permissions, click Edit. Edit
Parmissions for Eugenons Allow Domu
Fuil control
Bead & evenute
List folder contents
Bead
Write
For special permissions or advanced settings, Advanced
Learn about access control and permissions
Close Cancel Apply

🕌 Permissions for Data Drive (F	?:)	×
Security		
Object name: P:\		
Group or user names:		
Serveryone		
& CREATOR OWNER		
M SYSTEM	M010A\Administral	tore)
& Users (WIN-ML3Y7LMOUQA)	(Users)	loisj
	,	
	bbA	Bemove
Permissions for Everyone	Allow	Deny
Full control		
Modify	\checkmark	
Read & execute		
List folder contents		
Read	\checkmark	
Learn about access control and p	ermissions	
ОК	Cancel	Apply

Create the PP_SQL Instance for EHR

 Run PPSQLInstall.bat from the Lytec 2010 Practice Management DVD within the <u>SQL Server x64</u> location. NOTE: If you are installing on a Domain Controller. You may need to run the SQL Server Installation manually. Please contact customer support for further assistance.

Servers					
💽 🕞 🖓 🗸 DVD Drive	e (E:) Lytec2010.1.2.21 👻 SQ	L Server x64 🔻 Serve	ers 🔻	👻 🚱 Search	
🕘 Organize 👻 📗 Views	🝷 📄 Open 🗼 Print				0
 Organize Organize Views Favorite Links Documents Pictures Music More More Folders Folders Chad Kossel Public Computer Floppy Disk Drive (A: Local Disk (C:) C D Drive (D) 	Open Print Name Open Print Name 1033 redist Setup autorun autorun obgHelp.dll default license Microsoft.VC80.CRT msvcp80.dll msvcr80.dll PSQLInstall PSQLSettings PSQLSettings	Date modified • 4/28/2010 5:59 AM 4/28/2010 5:59 AM 4/28/2010 5:58 AM 4/28/2010 5:58 AM	Type File Folder File Folder File Folder Icon Setup Information Application Exte HTML Application HTML Document Text Document MANIFEST File Application Exte Windows Batch File Configuration Se	 Size Z KB 1 KB 1,401 KB 15 KB 15 KB 15 KB 15 KB 16 KB 1,072 KB 804 KB 1 KB 	 •
CD Drive (D:) DVD Drive (E:) Lytec Crystal Reports DOTNET Install Instructions Lytec Manual SQL Server SQL Server x64 Servers Tools	ReadmeSQL2005 RequirementsSQL2005 setup setup.rll splash sqlcu.dll sqlspkglist.dll template vm/rw.dll Date modified: 4/28/2010 File Size: 55 bytes Date created: 4/28/2010	4/28/2010 5:58 AM 4/28/2010 5:58 AM 5:58 AM	HTML Document HTML Document Application Icon Application Exte HTML Application Application Exte Application Exte Configuration Se Application Exte	168 КВ 63 КВ 2,985 КВ 9 КВ 196 КВ 5 КВ 872 КВ 198 КВ 16 КВ . 29 КВ 304 КВ	

2. From here the SQL Server 2005 installer will launch. Please allow the installer to complete; if the installer fails at this point, you may have permission issues and will need to run the SQL manually (Consult technical support for further information). Once the installation is completed the installer will close automatically.

🔀 Microsoft SQL Server 2005 Setup	×		
Setup Progress The selected components are being configured			
Product	Status		
SOL Setup Support Files	Setup finished		
SOL Native Client	Setup finished		
SQL VSS Writer	Setup finished		
Ø OWC11	Setup finished		
SQL Server Backward-Compatibility Files	Setup finished		
SQL Server Database Services	Configuring components		
Analysis Services			
Chables			
- Status			
Removing applications			
1			
Help	< <back next="">> Cancel</back>		

 Run PPSQLInstallSP3.bat from the Lytec 2010 Practice Management DVD within the <u>SQL Server x64</u> location. This will apply the service pack to your SQL Server Instance (PP_SQL). It should display a DOS window with no activity – PLEASE ALLOW THIS TO CLOSE ON ITS OWN. It has completed the service pack installation when it disappears.



Opening the Ports for the SQL Server Instance

- 1. Click Start > Programs>Microsoft SQL Server 2005>Configuration Tools>SQL Server Configuration Manager.
- 2. Expand SQL Server 2005 Network Configuration and locate Protocols for PP_SQL and right-click on the TCP/IP, then select Properties or double-click on the TCP/IP option.

🛐 SQL Server Configuration Manager				
File Action View Help				
🗢 🔿 🖄 🖼 🗟 🛛				
SQL Server Configuration Manager (Local) SQL Server 2005 Services SQL Server 2005 Network Configuration (32bit) SQL Server 2005 Network Configuration Protocols for LYTEC_SQL Protocols for PP_SQL SQL Native Client Configuration	Protocol Name Shared Memory Named Pipes VIA Properties Help	Status Enabled bled		
Opens the properties dialog box for the current selection	n.			

3. From the TCP/IP Properties window select the IP Addresses tab. For IP1, IP2, IP3... and IP All, change the TCP Port to 1434 and click OK. You will receive a request to restart the services. NOTE: Your server may have more than three IP* sections within this window; all TCP Ports need to have port 1434 in their place.

	Active	Yes
	Enabled	No
	IP Address	127.0.0.1
	TCP Dynamic Ports	0
	TCP Port	1434
=	IP5	
	Active	Yes
	Enabled	No
	IP Address	fe80::5efe:10.115.0.254%11
	TCP Dynamic Ports	0
	TCP Port	1434
-	IPAll	
	TCP Dynamic Ports	61123
	TCP Port	1434
		<u>•</u>
т	IP Port	
r r	IP Port	

4. You will need to restart the service for SQL Server (PP_SQL), by right-clicking on the SQL Server (PP_SQL) option and select Restart under the SQL Server 2005 Services Menu.

SQL Server Configuration Manager				
File Action View Help				
😵 SQL Server Configuration Manager (Local)	Name	State	Start Mode	Log On As
SQL Server 2005 Services	5QL Server Integration Services	Running	Automatic	NT AUTHOR
SQL Server 2005 Network Configuration (32bit	5QL Server Browser	Running	Automatic	LocalSystem
SQL Native Client Configuration (32bit) SQL Sector 2005 Metwork Configuration	SQL Server Agent (LYTEC_SQL)	Running	Automatic	LocalSystem
June 2005 Network Configuration	SQL Server (LYTEC_SQL)	Running	Automatic	LocalSystem
B- Protocols for PP_SOL	SQL Server FullText Search (LYTEC_SQL)	Running	Automatic	LocalSystem
F SOL Native Client Configuration	SQL Server Analysis Services (LYTEC_SQL)	Running	Automatic	LocalSystem
	SQL Server Agent (PP_SQL)	Stopped	Manual	LocalSystem
	SQL Server (PP_SQL)	Running	Automatic	LocalSystem
	SQL Server FullText Search (PP_SQL)	Stoppe Stop	utomatic	LocalSystem
	SQL Server Analysis Services (PP_SQL)	Runnir Dop Pause	utomatic	LocalSystem
		Resume		
		Restart		
		Properties		
		Help		
	•			Þ
Pause selected service.				

5. You will need to open the ports on the server firewall for the Domain Profile, Public Profile and Private Profiles within the Server Manager > Configuration Screen. If you have a third party firewall you will need to make sure the ports are open for those as well. The TCP Ports to add are: 1433, 1434, 50501, and 50502.

Creating the SQL Database for the EHR

1. Click Start>Programs>Microsoft SQL Server> Microsoft SQL Server Management Studio. Be sure to select the PP_SQL instance that was created and leave it as Windows Authentication, and then click Connect.

e [∎] Connect to Server	X
SQL Serve	Windows Server System
Server type:	Database Engine
Server name:	
Authentication:	Windows Authentication
User name:	WIN-ML3Y7LM0JQA\ckossel
Password:	
	Remember password
Connect	Cancel Help Options >>

2. In SQL Server Management Studio right-Click on the Database main container from the left margin and select New Database.

🍢 Microsoft SQL Se	erver Management Studio	
File Edit View	Tools Window Commu <mark>n</mark> ity Help	
🕴 🔔 New Query 🛛 🔓	强 强 🌇 🔄 🐸 🔩 🐙 💭 🥔	E
Object Explorer	🗸 🕂 🗙 🖉 Object E	×I
Connect 🕶 📑	▼ ⊉	2
🗆 🚺 WIN-ML3Y7LM	10JQA\PP_SQL (SQL Server 9.0.139	
	New Database).
⊕	Attach W	٩Ľ
🕀 🧰 Managem	Restore Database	
⊕	Restore Files and Filegroups	
	Reports Data	err ba
	Refresh	a

3. Within the New Database Window you will need to specify the database name and the location of your DATA and LOG folders you created in Step 1 of the "Creating the Database Directory and Setting <u>Permissions</u>" section of this document. Remember that your Database Name needs to be named identical and correct CAPS LOCK if necessary. Once completed click OK and the database will be created.

🚪 New Database			
Select a page	<u> S</u> cript 👻 [Help		
General Options Filegroups	Database name: Owner: Use full-text indexing	LYTECMD <default></default>	
	Database files:	Dath	Eile Marro
	LYTECMD		
	LYTECMD_log wth	P:\LYTECMD\LOG	
Connection			
Server: WIN-ML3Y7LM0JQA\PP_SQL			
WIN-ML3Y7LM0JQA\ckossel			
View connection properties			
Progress			
Ready			Add Remove
			OK Cancel

4. Expand the database tree on the left margin and locate "LYTECMD" and verify it has been created. If LYTEDMD is not there, the database was created incorrectly and you will need to repeat Step 3 on this section.

5. Go to File > Open > File and select the **SQL_ppcreate94.sql** from P:\94SQLSetup directory that was created earlier, and then click Open.

Open File		? ×
Look in:	📔 9405QLSetup 💽 🕲 🕶 🖄 🗮 🛪 Tools 🕶	
Desktop My Projects My Computer	Name Date modified Type Size SQL_Add_MRZLIndex Sql_ppcreate94 SQL_Set_Blank94 SQL_Set_Blank9	
	File name:	en 📲
	Files of type: All Files	ncel

6. Run the Replace All function (CTRL + H) and replace the "*DBNAME*" with "LYTECMD," then click Replace All. You will receive confirmation of track changes, click Yes. Repeat the Replace All step for "*DRIVE*" with "P," Then verify your changes.



7. This step may be necessary when creating the script on a domain with strict password. With the "sql_ppcreate94" script if you scroll down, you will see the PM\$IADMIN password. It is suggested you change the password to "PM\$IADM1N" for a stronger password before executing the script.

K Microsoft SQL Server Management Studio	
File Edit V <mark>iew Q</mark> uery Project Tools Window C	ommunity Help
🗄 🔔 New Query 🔓 📸 📸 🔯 🖄 😂 😂 🔩 🔩 层	I 🖉 📴 🖷 🤌 🥙 📻
🗄 🌉 🔩 LYTECMD 🔹 🕴 Execute	🗸 = 13 🕸 🔟 🖾 14 17 🦷 🖳 🚳 🎆 🚳 🗉 😫
Object Explorer - 7 ×	/IN-ML3Y7LM0JQA\\sql_ppc Object Explorer Details
Connect 🕶 📑 🖉	GO
F 💦 WIN-ML3Y7LM0JOA\PP_SOL (SOL Server 9.0.139	USE LYTECMD
🖂 🦢 Databases	GO 🖌
⊡ 🔁 🧰 System Databases	exec sp_addlogin 'PHTECH','PM\$IADM1N'
🕀 🧰 Database Snapshots	GO
	<pre>exec sp_grantdbaccess 'PHTECH', 'PHTECH'</pre>
🕀 🧰 Security	GO
🕀 🧰 Server Objects	<pre>exec sp_addrolemember 'db_owner', 'PHTECH'</pre>
🛨 🧰 Replication	GO
🛨 🚞 Management	
🛨 🚞 Notification Services	USE LYTECMD
SQL Server Agent (Agent XPs disabled)	GO

8. Make sure your cursor is at the top of the script, and then click Execute. If the script runs successfully you will receive a confirmation in the Message status area.

Microsoft 9	5QL Server M	anagement Stud	io			
File Edit	V <mark>iew Qu</mark> ery	Project Tools	Window Co	ommunity	Help	
New Quer	y 🛅 📸	强 🔛 🖻	j el el 🗔	Ø 🚯	E 隆	🎉 🕾 🖕
i 💷 🔩 📴	LYTECMD	-	🕴 Execute	🗸 😑 🔡	3 🥐 🛛	🖉 🖓 🚏 🕯
Object Explorer			- 4 х – ж	IN-ML3Y7L	LMOJQA	\sql_ppc
Connect 🕶 📮	X = Y			USE mod	del	_
	3771 M0104\P	P. SOL (SOL Server	9.0.139	GO		
📕 🖸 🚺 🕞 Dat	ahases	JQE (JQE J61761	5.0.135	ALTER I	DATABA:	SE LYTECMD
	System Datab	ases		ADD FII	LEGROU	P PP SYS
II 🛱 🧮	Database Sna	oshots		GO		-
III 🖬 🦷		511005		ALTER I	DATABA	SE LYTECMD
📕 🖬 🖬 Sec	nrity			ADD FII	LE	
		Messages (1 row(s) a (1 row(s) a	affected) affected) affected) affected) affected) affected) affected) affected)			

- 9. Go to File > Open > File and select the script named: **SQL_Set_Blank94.sql** and Execute (there is no need for a replace all on this script).
- 10. Go to File > Open > File and select the script named: **SQL_Add_MRZLIndex.sql** and run a Replace All function on the "DBNAME" with "LYTECMD" then Execute the script.

Setting up the ODBC Connection for 32 Bit and 64 Bit

64-Bit Setup

1. Select Start>Settings>Control Panel>Administrative Tools>ODBC Data Source, then click on **System DSN** tab, and then click Add.

🖏 ODBC Data Source Administrator	? ×
User DSN System DSN File DSN Drivers Tracing Connection F	ooling About
System Data Sources:	
Name Driver	Add
	Remove
	Configure
An ODBC System data source stores information about how the indicated data provider. A System data source is visible on this machine, including NT services.	v to connect to le to all users
OK Cancel Apply	Help

2. From the "Create New Data Source" window, select the SQL Server option, and then click Finish.

Create New Data Source	Select a driver for w	hich you want to se	× up a data source.
	Name SQL Native Client SQL Server	Version 2005.90.4035.00 6.00.6001.18000	Company Microsoft Corporat Microsoft Corporat
	< B.	ack Finish	Cancel

3. Input the Database Name "LYTECMD" or the one you used for the EHR database. Remember to take in consideration the case sensitivity, and then click Next.

Create a New Data Sour	ce to SQL Server 🔀
	This wizard will help you create an ODBC data source that you can use to connect to SQL Server.
	What name do you want to use to refer to the data source?
	Name: LYTECMD
	How do you want to describe the data source?
	Description: LYTECMD
	Which SQL Server do you want to connect to?
	Server: LYTECMD
	Finish Next > Cancel Help

- 4. On the "Create a New Data Source to SQL Server" be sure to have SQL Server authentication selected, and then click the Client Configuration button.
- 5. Within the "Add Network Library Configuration" window, the server alias will need to be the database name and the server name followed by the SQL instance (servername/PP_SQL). Be sure TCP/IP network library is selected and uncheck dynamically determine port; change the port to 1434, and then click OK.

Add Network Library Configuratio	n	X
Server alias:	LYTECMD	
Network libraries Named Pipes TCP/IP Multiprotocol NWLink IPX/SPX AppleTalk Banyan VINES	Connection parameters Server name: Dynamically determine port Port number:	WIN-ML3Y7LMQJQA\PP_SQL
© ∀IA © Other		OK Cancel Help

6. For the login account, you will use the login that was setup when you ran the pp_sqlcreate scripts back on step 7 of the section "<u>Creating the SQL Database for the EHR</u>." Once the password has been entered click Next.

Create a New Data Source to SQL Server				
	How should SQL Server verify the authenticity of the login ID?			
	With Windows NT authentication using the network login ID.			
	entered by the user.			
	To change the network library used to communicate with SQL Server, click Client Configuration.			
	Client Configuration			
	Connect to SQL Server to obtain default settings for the additional configuration options.			
	Login ID: PHTECH			
Password: PM\$IADM1N				
	< Back Next > Cancel Help			

 If you are able to continue to the next screen, your password has been accepted. If the password is incorrect, you will receive an error message like this: This means the password is incorrect or a firewall may be blocking the SQL Port – 1434.



8. If you are able to successfully continue past the login screen, you can click Next, Next again, and then Finish as the default options for these screens are the standard. Last you can test the data source connectivity and click OK to save your data source. You have now setup the 64-bit ODBC.

Te	Server ODBC Data Source Test	
	Microsoft SQL Server ODBC Driver Version 06.00.6001	A
	Running connectivity tests	
	Attempting connection Connection established Verifying option settings Disconnecting from server	
	TESTS COMPLETED SUCCESSFULLY!	
		7
	ОК	

32-Bit Setup

1. To setup the 32-bit ODBC, you will need to browse to the following directory or enter this path in the Run Command box by going to Start > Run:



- 2. This will take you to the "ODBC Data Source Administrator" for the 32-bit setup, which will look very similar to the setup that was done on the 64-Bit ODBC.
- 3. You will repeat the same steps 1-8 from the "<u>64-Bit Setup</u>" except this time you will have to scroll down in the "Create New Data Source" window and locate the SQL Server data source.

Disabling User Access Control (UAC) on Server 2008 – [Reboot Required]

In order for the installation of the EHR to go smoothly and for the client to run on the server, UAC must be turned off. Once it is turned off, you will need to reboot the server for the changes to take effect. Below are the steps to turn off UAC on Server 2008 Standard.

1. Go to Start > Control Panel > User Accounts and click on the link "Turn User Account Control on or off."



2. From within the window be sure to uncheck UAC and/or turn it to the OFF or Do not Show option, and then click OK. You may be prompted to restart the machine for the setting to take effect, but wait to reboot after all registries have been added.

🎎 Turn User Account Control On or Off	_ 🗆 ×
Correction of Control On or Off 🛛 🗸 🚱 Search	- 2
Turn on User Account Control (UAC) to make your computer more secure User Account Control (UAC) can help prevent unauthorized changes to your computer. We recommend that you leave UAC turned on to help protect your computer. Use User Account Control (UAC) to help protect your computer OK Cancel	

Shut off SMB2 on Server 2008 - [Reboot Required]

There are compatibility Issues with SMB2 Protocol and McKesson EMRs

With Windows 2008 and Windows Vista, Microsoft introduced a newer, faster communication method known as SMB2. Older versions of Windows use SMB1.

Older and mixed environments (for example, Windows 2003 server and Windows Vista client) will communicate using SMB1. Only direct communication between Vista and newer operating systems (Windows 2008, Windows 7, etc.) will use SMB2.

Problem

McKesson has identified a compatibility problem with its EMR products (Practice Partner, Lytec MD and Medisoft Clinical) and SMB2. This incompatibility can lead to erratic errors, file locking and/or corrupted database tables. The incompatibility centers around the inability to disable opportunistic locking (oplocks) on the SMB2 protocol. For this reason, SMB2 must be disabled on Windows 2008 and Windows Vista computers that will be running a McKesson EMR.

To prevent future compatibility problems due to the inability to disable oplocks, McKesson recommends disabling the SMB2 protocol on all Windows Server 2008 servers being used by a McKesson EMR.

Resolution

To disable SMB2 on Windows 2008:

- 1. Run REGEDIT from the Start > Run
- 2. Navigate to the key.

$HKEY_LOCAL_MACHINE \SYSTEM \CurrentControlSet \Services \LanmanServer \Parameters.$

- 3. Click Edit>New>DWORD (32-bit) Value.
- 4. Enter SMB2 as the new value name.
- 5. Exit REGEDIT.
- 6. Restart Windows 2008.

Add the Mandatory RegKeys to the 64-Bit Server - [Reboot Required]

In order for the EHR and Lytec 2010 to be recognized on the server as an installed application within a 64-bit environment, you will need to download and apply these registry keys:

- 1. Download two registry keys by clicking the links below, and Save them to your Desktop: <u>LytecMD_RegKey1</u> & <u>LytecMD_RegKey2</u>
- 2. Import the keys by double-clicking on each key, then click Yes to add them to the machine. You will receive confirmation when the keys have been added.

Registry	y Editor
	Adding information can unintentionally change or delete values and cause components to stop working correctly. If you do not trust the source of this information in C:\Users\ckossel\Desktop\LytecMD64Bit-Part1.reg, do not add it to the registry.
	Are you sure you want to continue?
	Yes No
(i) Regi	stry Editor 🗙
0	The keys and values contained in C:\Users\ckossel\Desktop\LytecMD64Bit-Part1.reg have been successfully added to the registry.
	ОК

- 3. It may be a good idea to store these keys somewhere on your computer in case you need to reference them again later. Saved on 940SQLSetup folder
- 4. The last key is to reduce data corruption and locking. Browse to your LytecMD 9.4 installation disc, and locate the file under \Ppartprw\pic\ntpmsi.reg.
- 5. Double click on **ntpmsi.reg** file to apply it to the registry. Then reboot your server.

Create License Folder and Install Server files

1. Create two folders labeled **ppart** and **License** on the root of the P:\ drive. Make sure there is a copy of the LytecMD license file (pplic.txt) located within P:\License. If you are having issues retrieving your license file from the McKesson Practice Partner Support Website, please contact Technical Support.



- Insert the LytecMD Core install Disc, the Autorun should automatically start the installation. If not you can manually open the **Ppartprw** folder and run **Setup.exe** from the disc contents in Windows Explorer. It will request to install .net1.1 SP1 which is located at root setup.exe
- 3. Click Next to start the installation of Patient Records.
- 4. Accept the License Agreement

5. Enter the path of your ppart directory; it will default as P:\ppart. If you used another drive letter like"X" then browse for that drive letter and ppart location. It is STRONGLY recommended you use "P" as your drive letter. Drives, C, D, and E are prohibited.

Setup		×
Select Main Directory		
	Please enter path to Main Directory where database files will be stored.	
	Destination Folder	1
	P:\ppart\ Browse	
InstallShield	< Back Next > Cancel	

6. The installer will next ask if you have a license file (pplic.txt). Click Yes to continue.



7. Once you have the license directory located P:\License, then click Next.

Setup			×
Select Location of the License	File		
والتقصيل والمراج	Please enter the path to the location	n of the license file.	
	-Destination Folder P:\License		Bīowse
InstallShield	< <u>B</u> ack	Next >	Cancel

8. You will then be asked to create a logon for LytecMD, be sure to follow the required criteria, and then click Next. It will then ask you to confirm your password, and then click Next again.

Setup					×
Setup User name	Enter your u: * Minimum & * At least or * Can not c User name Password	ser name and password 8 characters in length ne letter, one number, a ontain user name. pmsi master123!	l. The password i nd one non-alpha	must meet the following requirements: anumeric character	
InstallShield		< <u>B</u> ack	<u>N</u> ext >	Ca	incel

9. For the Image Levels window, the default values are recommended. Click Next to continue.

Setup		×
Image Levels		
	Select the limits you want for your image folders. First line: Number of Levels: (Minimum 5 · Maximum 26 · Default 20) Second line: Images per Directory: (Minimum 100 · Maximum 512 · Default 100) Levels Img Per Dir 500 Dir Limit 100	
InstallShield	< Back Next > Cancel]

10. Click No, on Automatically Generate Demographic ID numbers. Lytec 2010 will handle the Demographic ID numbers.



11. Select the desired Growth Chart Range, and then click Next.

Setup		×
Growth Chart Range Selection		
	Updated growth chart files will be installed with this version of Lytec MD. Select which range you want to use. • 5% to 95% • 3% to 97%	
InstallShield	< <u>B</u> ack <u>N</u> ext > Cancel	

12. Please wait as the installation installs and updates the necessary files.

Setup	
Installing P:\ppart\Ppdiax01.dat	
Cancel	

13. Click Yes, on installing the E&M Coding for Progress Notes.



14. Click Yes or No, when adding the EM labels to the note. Please wait as it updates the files.



- 15. Select Windows Networks, and then click Next.
- 16. For the SQL Server Instance Information, you will need the Database Name and the Connection password, in this case its LYTECMD and PM\$IADM1N and then click Next.

Setup				2
SQL SERVER Instance Infor	nation			
	Enter the c for the Lyte	onnect string for your Lyl c MD SQL SERVER use	tec MD database er	instance, and the password you will be using
	Connect	LYTECMD		
	Password	PM\$IADM1N		
InstallShield		< <u>B</u> ack	<u>N</u> ext >	Cancel

- 17. If your system does not have the .Net 2.0 patch it will apply it on the next screen. Click Ok to apply the patch to .Net 2.0 and the Hotfix to 1.1 if prompted.
- 18. Click Yes or No to configure the port numbers and extension for LytecMD. The default ports used for the application are 50501 and 50502.



- 19. Click No, on the prompt to Activate the LytecMD clearinghouse. All Clearinghouse activation will be handled by the EDI Services.
- 20. Click Ok, on the DemSch and BillCode messages to configure manually. Please refer to the "PPConnect_DemSch_Billing_UserGuide.pdf" document on the CD for how to configure the Crossreference Files.
- 21. Click Yes or No on the ReadMe prompt.
- 22. Click Ok, to complete the installation.

Create the Patient Records Database for SQL Server

This step will copy the database structure from the ppart directory to run on SQL Server.

- 1. Open the p:\ppart directory and locate the file: **ppmon.fl**. You will then need to right-click on the file and rename to **ppmon.fl.old**.
- 2. Open the DOS command prompt by going Start > Run and type in "cmd" and hit Run to open the command prompt window.
- 3. Browse the P:\ppart directory in the DOS Command Prompt Window, by typing in **P:** [Enter], then **cd\ppart**. This should take you to the prompt: P:\ppart.



4. Type in **pppwd sqlsvr::PHTECH/PM\$IADM1N@LYTECMD -1.** There is a space between LYTECMD and the (-1). Then hit [Enter] to run the command. You should receive a Successful message as it creates a new ppmon.fl file with the password you specified in the command.



- 5. You can leave the DOS Command Prompt window open or minimized, as you will need it in an upcoming step.
- 6. From Windows Explorer, browse to P:\94SQLSetup and locate the file **ppcpy94.lst**. Right click on the file and select Copy. Browse to the P:\ppart and right-click in the folder and paste the ppcpy94.lst file within the ppart directory. You should now see the ppcpy94.lst file within the ppart contents.
- 7. Right Click on the P:\ppart\ppcpy94.lst file and select Open. Select the option "Select the program from a list of installed programs," and then click Ok.



8. Highlight Notepad and click Ok. The file will open in a notepad format to be further edited.

9. Replace All (Ctrl+H) the *DBNAME* with LYTECMD and replace *Password* with PM\$IADM1N and Then go to File > Save.

📕 ppcpy94.lst - Notepad				
File Edit Format View Help				
SQLSVR::PHTECH/PM\$IADM1N8LYTECMD\\\				
USEODBC=FALSE				
nhact · · ARADXR99 YTECMD \ \ ARADXR99				
phact::ARAJCD99 LYTECMD ARAJCD99				
phact::ARBADT99 LYTECMD ARBADT99				
phact::ARBAHD99 LYTECMD ARBAHD99				
phact::ARCHEX99 LYTECMD \\ARCHEX99				
phact::ARCHRG99 LYTECMD \\ARCHRG99				
phact::ARCLLK99 LYTECMD \\ARCLLK99				
phact::ARCLMA99 LYTECMD \\ARCLMA99				
phact::ARCLMS99 LYTECMD \\ARCLMS99				
phact::ARCLMX99 LYTECMD \\ARCLMX99				
phact::ARCOAP99 LYTECMD \\ARCOAP99				
phace::ARECIT99 LYTECMD \\ARECIT99				
phace::ARELEN99 LYTECMD \\ARELEN99				
nhact · · AREL MS991 LITECMD. \ AREL DR99				
nhact · · AREL ROOM LYTECMD				
phact::ARELSP99 LYTECMD ARELSP99				
phact::ARELST99 LYTECMD ARELST99				
phact::ARERNC99 LYTECMD ARERNC99				
phact::ARFSCH99 LYTECMD \\ARFSCH99				
phact::ARLDTE99 LYTECMD ARLDTE99				
phact::ARLGGR99 LYTECMD \\ARLGGR99				
phact::ARLGTD99 LYTECMD \\ARLGTD99				
phact::ARLGTN99 LYTECMD \\ARLGTN99				
phact::ARPYAJ99 LYTECMD \\ARPYAJ99				
phact::ARPYCD99_LYTECMD\\\ARPYCD99				
phact::ARSFDB991LYIECMD				
phact::ARSFIR99_LYTECMD\\\ARSFIR99				
phaceARSESCAMELTIECMD.\\ARSESCAM				
phaceAROBXA99 LITECMD (\ AROBXA99	-			
4	Ð			

10. Open or Maximize the DOS Prompt window from Step 4. From the P:\ppart directory type in the following command: **ppcpy @ppcpy94.lst** (there is a space between ppcpy and @ symbol) and then hit [Enter]. If you receive an error -312, then consult Technical Support for further assistance.

📾 Administrator: C:\Windows\system32\cmd.exe - ppcpy @ppcpy94.lst
PH::mrla99->1ytecmd\\\mrla99,29/29(290.00 rps) 00:00:00 elapsed
PH::mrli99->1ytecmd\\\mrli99,0/0(0.00_rps)_00:00:00_elapsed
PH::mrln99->1ytecmd\\\mrln99,534/534(5340.00 rps) 00:00:00 elapsed
PH::mrlr99->1ytecmd\\\mrlr99,965/965(9650.00 rps) 00:00:00 elapsed
PH::mrlt99->1ytecmd\\\mrlt99,0/0(0.00 rps) 00:00:00 elapsed
PH::mrmi99->lytecmd\\\mrmi99,3198/3198(3198.00 rps) 00:00:01 elapsed
PH::mroa99->1ytecmd\\\mroa99,0/0(0.00 rps) 00:00:00 elapsed
PH::mroc99->1ytecmd\\\mroc99,23/23(230.00 rps) 00:00:00 elapsed
PH::mrod99->1ytecmd\\\mrod99,364/364(364.00 rps) 00:00:01 elapsed
PH::mroe99->1ytecmd\\\mroe99,0/0(0.00 rps) 00:00:00 elapsed
PH::mrof99->1ytecmd\\\mrof99,24/24(240.00 rps) 00:00:00 elapsed
PH::mroi99->1ytecmd\\\mroi99,0/0(0.00 rps) 00:00:00 elapsed
PH::mrok99->1ytecmd\\\mrok99,0/0(0.00 rps) 00:00:00 elapsed
PH::mro199->1ytecmd\\\mro199,0/0(0.00_rps)_00:00:00_e1apsed
PH::mrom99->1ytecmd\\\mrom99,135/135(1350.00 rps) 00:00:00 elapsed
PH::mroo99->1ytecmd\\\mroo99,236/236(2360.00 rps) 00:00:00 elapsed
PH::mrop99->1ytecmd\\\mrop99,1/1(10.00 rps)_00:00:00 elapsed
PH::mror99->1ytecmd\\\mror99,0/0(0.00 rps) 00:00:00 elapsed
PH::mros99->1ytecmd\\\mros99,0/0(0.00_rps) 00:00:00_e1apsed_
PH::mrot99->1ytecmd\\\mrot99,7/7(70.00 rps)_00:00:00 elapsed
PH::mrou99->1ytecmd\\\mrou99,0/0(0.00 rps) 00:00:00 elapsed
PH::mrox99->1ytecmd\\\mrox99,140/140(1400.00 rps) 00:00:00 elapsed
PH::mroz99->lytecmd\\\mroz99,100/185(1000.00 rps) 00:00:00 remain 🔤 🗹

11. Once the copying process is completed, the DOS window will revert back to the prompt of P:\ppart. You can now close the DOS window or type Exit. This process can take up to one hour to copy depending on the hardware.

Installing the LytecMD Client

This step will install the LytecMD client, in order to launch the application. If you are installing the client on a workstation, then remember to install the 32Bit ODBC and map a network drive to the P Drive share.

- 1. Browse to P:\ppart\install\setup.exe
- 2. The installer will launch, and then click Next to continue.



- 3. Install to the default C:\PRWIN location or change it to another drive letter if desired, and then click Next.
- 4. The installation will install and update the files, please wait.
- 5. Click Yes or No to "Is this client being installed on a Windows Terminal Server, Citrix Winframe, or Metaframe server" depending on your network setup.



- 6. Click Next, on the Folder Selection window. The defaults are standard, but the folder selection can be changed.
- 7. Click Ok, on the setup complete.
- 8. You will have a LytecMD Client icon appear. You can add this to the Desktop by right-clicking on the icon and selecting Send To > Desktop (create shortcut).



- 9. Launch the client by double-clicking on the icon:
- 10. Allow the program to update files upon launch. This process can take up to 10 minutes.



11. Verify the PMSI Application and Data Server are started in the Windows Services Menu (services.msc)