Installing Odyssey Software with SQL Server 2019 Express on Windows 10 Professional, Windows Server 2016 or Windows Server 2019

Note The Odyssey Software comes with SQL Server Express 2019 to use the full version of SQL Server Please install the SQL Server version of your choice BEFORE the installation of the Odyssey software and then skip (Cancel) the SQL Server installation during the Odyssey software install.

Component	Requirement
Processor Type	x64 Processor: AMD Opteron, AMD Athlon 64, Intel Xeon with Intel EM64T support, Intel Pentium IV with EM64T support
Processor Speed	Minimum: x64 Processor: 1.4 GHz Recommended: 2.0 GHz or faster
Hard Disk	500GB Minimum
Memory *	Minimum: 2 GB Recommended: 8 GB
USB Ports	2
Keyboard, Mouse	USB Keyboard and Mouse
Monitor	Super-VGA (1366x768) or higher resolution monitor.
DVD Drive	(Optional) A DVD drive, as appropriate, is required for installation from disc.
Internet	(Optional)

Hardware Requirements

	SQL Server	edition:	
Operation Systems Supported (x64)	Enterprise	Standard	Express
Windows Server 2016/2019 Standard x64	Yes	Yes	Yes
Windows 10 Enterprise x64	No	Yes	Yes
Windows 10 Professional x64	No	Yes	Yes

NOTE FULL ADMINISTRATOR RIGHTS TO THE MACHINE ARE NEEDED TO INSTALL THE ODYSSEY SOFTWARE*

Before installing the Odyssey software, 3 settings have to change or be verify in the control panel,

- ✓ The UAC settings needs to be turn off or it will block the popup install windows. These settings may be return to original settings after the install is finish.
- ✓ Turn off Windows Firewall. These settings may be return to original settings after the install is finish, see Windows Firewall Settings later in the guide for Inbound Rules permissions.
- ✓ .NET Framework 3.5 needs to be verified that it is install or enabled.

Open the control panel and at the top right corner in View by select icons and then click on User Accounts.



Click on Change User Account Control settings



Slide the bar to "Never notify" and click OK, return to the control panel page, DO NOT REBOOT the computer.

Never notify me when:	
 Programs try to install software or make changes to my computer 	
I make changes to Windows settings	
Not recommended. Choose this only if you need to use programs that are not certified for Windows 7 because they do not support User Account Control.	
1	
	 Programs try to install software or make changes to my computer I make changes to Windows settings Not recommended. Choose this only if you need to use programs that are not certified for Windows 7 because they do not support User Account Control.

Open Windows Firewall and in the left column click on Turn Windows Firewall on or off



Click on **Turn off Windows Firewall** (All Places) this is needed for SQL 2016/19 to install after the installation is finish the **Firewall** may be enable return to the control panel page, DO NOT REBOOT the computer.



In the control panel Click on **Program and Features**, and in the left column click on **Turn Windows Features on** or off then verify if .NET Framework 3.5 is check, if not, check it then click ok the features should install.



Installing Odyssey Software with SQL 2016/19 Management Studio Express.

If you have downloaded the software from the ftp site or have it on a thumb drive please open the Odyssey AX folder and double click on **autorun.exe** to start Odyssey. If you have the DVD please insert it and go to step 2

File Home SF	nare View App	Manage plication Tools	Odyssey AX			- 0
in to Quick Copy Pas access Clipbo	Cut Copy path Paste shortcut ard	Move Copy to + to + Org	Delete Rename	New folder New	Properties Open * Poperties Open *	Select all Select none Invert selection Select
← → • ↑	Odyssey Software >	Odyssey AX	~	S Q 5	Search Odyssey AX	
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3D Objects Desktop	Move.bat		11	/7/2020 1:47 AN	/ Windows Batch Fi	le 1 KB

Select Odyssey SQE+ x64 to start the installation.



Select the preferred language and click ok



The Odyssey software will open, click on Next.



Choose the directory path and click Install



Click on I Agree

Odyssey AX 5480	-	2
	License Agreement Rease review the license terms before installing Odyssey A 5480.	x
If you accept the terms agreement to install Od	of the agreement, click I Agree to continue. You must accept the yssey AX 5480.	67
Odyssey Secu	rity Software	•
Software License	Agreement	2
Please read the fo	flowing license agreement carefully.	
NOTICE:		
Odyssey Systems	licenses the accompanying software to you only	
upon the condition	that you accept all of the terms contained in this	

Copying files to the install directory

		0
	Installing Please wait while Odyssey AX 5480 is being installed.	
Please wait while Odysse	y AX 5480 is being installed. The installation will take several m	nutes.
Copy: SSMS-Setup-ENU.	exe	
Copy: SSM5-Setup-ENU.	exe	

nstalling Crystal Reports

Click Next.



Click Finish.



Installing SQL Server 2016/19 Express (Step 1, the Back-end),

If SQL Server is already installed click "Cancel" and skip this step

The **SQLEXPR.exe** Installation package will launch; you will then see the contents extracted to a temporary location within the Receptors folder. Please take note of the location of the directory if you like you can manually delete the temporary directory when finish to open disk space if needed. Click **Ok**

Choose Directory For Extra	ted Files X
Choose Directory For Extract	ed Files
C:\Program Files (x86)\Rec	ptors\SQL Server 2019\SQ
Ok Car	cel Browse



Accept the license and click Next.

Click Next.

The Installation Center will then launch. Click on "New SQL Server stand-alone installation or add features to an existing installation" to start the Installation Wizard.



Accept the license terms, click Next.

To install SQL Server 2016, y License Terms Global Rules Product Updates Install Setup Files Install Rules Feature Selection Feature Rules Feature Configuration Rules Installation Progress Complete	MICROSOFT SOFTWARE LICENSE TERMS MICROSOFT SQL SERVER 2016 EXPRESS These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft • updates, • supplements, • Internet-based services, and					
	Copy I accept the license terms and Privacy Statement SQL Server transmits information about your installation experience, as well as other usage and performance data, to Microsoft to help improve the product. To learn more about data processing a privacy controls, and to turn off the collection of this information after installation, see the documentation.	ind				

Select the automatic update option (we left it unchecked), click Next.



Correct any fails, click Next.

🐮 SQL Server 2016 Setup		ii		×
Install Rules Setup rules identify potential p can continue: License Terms	roblems that might occur while running Setup. Failures must be corrected before Setup Operation completed. Passed: 5. Failed 0. Warning 0. Skipped 0.			
Global Rules Product Updates Install Setup Files Install Rules Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Installation Progress Complete	Show details >> View detailed report		Re-r	un
	< Back Next >		Cancel	

Verify all features are selected, click Next.

SQL Server 2016 Setup Feature Selection Select the Express features to	install.			(<u> </u>		×	
Select the Express features to i	Features: ☐ Database Engine Services ☐ SQL Server Replicatio Shared Features ☐ SQL Client Connectivity S Redistributable Features	s n SDK	Feature description: The configuration and operation of each instance feature of a SQL Server instance is isolated from other SQL Server instances. SQL Server instances can operate side-by-side on Prerequisites for selected features: Already installed: Windows PowerShell 3.0 or higher Mirrosoft .NFT Framework 4.6 Spice Requirements Disk Space Requirements Drive C: 1058 MB required, 200001 MB available				
	Select All Unselect All Instance root directory: Shared feature directory (x86):	C:\Program Files\ C:\Program Files\ C:\Program Files	Files\Microsoft SQL Server\ Files\Microsoft SQL Server\ Files (x86)\Microsoft SQL Server\				
			< Back	Next >	Cance	1	

CHANGE **"Named instance"** SQL Express to **"Default instance"** with instance ID "**MSSQLSERVER**, click **Next**.

📸 SQL Server 2016 Setup					6	-		×
Instance Configuratio	n e ID for the instance of S	QL Server, Instance	ID becomes part of	the installatior	ı path.			
License Terms Global Rules Product Updates Install Setup Files Install Rules Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Installation Progress Complete	Default instance Named instance:	Default instance Named instance: MSSQLSERVER						
	Instance ID:	MSSQLSERVER						
	SQL Server directory: Installed instances:	C:\Program Files\	Microsoft SQL Serve	er\MSSQL13.M	SSQLSERVER			
	Instance Name	Instance ID	Features	Editior	1	Vers	ion	
				< Back	Next >		Cance	4

Review the credentials and verify the startup type for both services are set to <u>Automatic</u> (SQL Server Browser needs to be changed), click **Next**.

10 Kit Sever 2016 Setup				- u	×	🐮 KGL Server 2016 Server				-	п	×
Server Configuration	nd collates corPgosites					Server Configuration Specify the wrote eccounts of	staaliite oorfgaaten					
Liame Rem Bitmat Rulas Product Lipitation Install Datas Print Install Rulas Pasture Libricition Pasture Rules Instance Canfiguration Server Canfiguration Pasture Canfiguration Rules Installation Programs Compute	Server Accounts Collabore Microsoft recommends that you use a segmente account for each 500, Server service.					Lorenze Beren Gluthel Philos Product Undation	Service Accounts Collabore Microsoft recommends that pro-size a separate account for each SQL Server answer					
	Service Account Nerve Personnel Nerve Did. Service Noticities Not Service Additional Service Automatin Did. Service Noticities Not Mit Additional Service Automatin Did. Service Noticities Not Mit Additional Service The service Additional Service Did. Service Noticities Not Mit Additional Service The service Additional Service Did. Service Noticities The service Additional Service The service Additional Service Interface Noticities Service Additional Service The service Additional Service Service Noticities Noticities Service Additional Service The service Additional Service Service Did. Service Noticities Noticities Service Service Additional Service Service Additional Service			Indel Tartap Frie Indel Educ Facture Valencion Feature Males Indexe Configuration Server Configuration Distance Configuration Features Configuration Features Configuration Features Configuration Features Configuration Configuration	Berver SGL Server Database Engree TCC Server Server Control Control Control Generation of Sectors Haven to information disclosure by a Child Server Societable	Accessed Name NT ServerANSCLIMINE NT AUTHOR WILDCAL examine Table Unling to 2011 for factors to the unset of the according to allowing cleaned content to be a	Ferrented we Database in ong of data and catolal.	Ratin Autor Autor gate Serve gate Thoma	e Sort netin netin ie netioent			
		- 5 -	e Next	• Gental				- 1m	t Per		Gente	

Select Authentication Mode if the server is a standalone, if you wish to enable the "**Mixed Mode**" which is **recommended** see next screenshot.

📸 SQL Server 2016 Setup						9		×
Database Engine Confi Specify Database Engine authe	guration	administrators, dat.	a directori	es and TempDB	settings.			
License Terms Global Rules Product Updates Install Setup Files Install Rules Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Installation Progress Complete	Server Configuration Specify the authent Authentication Mod Windows authen Mixed Mode (SQ Specify the password Enter password: Confirm password: Specify SQL Server a	Data Directories ication mode and a de tication mode L Server authentica d for the SQL Serve	TempDB dministrat tion and V er system a	User Instances tors for the Data Vindows authen Idministrator (sa	FILESTREAM base Engine. tication)) account.			
	DESKTOP\Administ	SCTOP\Administrator (Administrator)			L Server administrators ve unrestricted access the Database Engine.		rs.	
				< Bac	k Ne	ext >	Cance	U I

Change Windows authentication mode to "**Mixed Mode**" and using "Risgusa1" with a capital "R" as a password for the SA account, this is the password already embedded in the Odyssey software and meets password complexity requirements after you have enter the password click **Next**.

guration	administrators, data directories and TempDB setti	ngt	
Server Configuration Specify the authent Authentication Mod Windows authen Mixed Mode (SQ Specify the passwort Enter password: Confirm password: Specify SDL Server	Data Directories TempDB User Instances FILI lication mode and administrators for the Database de microtion mode (L Server authentication and Windows authenticati rd for the SQL Server system administrator (iia) acc [Risgusa1 [Risgusa1	Engine. on) ount.	
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	guration trication security mode. Server Configuration Specify the authenti- Authentication Mode () Windows auther () Specify the password () Specify SQL Server () Specify SPECIFY () Specify SPECIFY () Specify SPECIFY () Spec	guration stication security mode, administrators, data directories and TempDB setting Server Configuration Data Directories Specify the authentication mode and administrators for the Database Authentication Mode Windows authentication mode Mixed Mode (SQL Server authentication and Windows authentication Specify the password for the SQL Server system administrator (sa) acc Enter password: Risgusa1 Confirm password: Risgusa1 Specify SQL Server administrators ESCEDP/(dim/metrization)	

Installing.

🐮 SQL Server 2016 Setup		7		×
Installation Progress				
License Terms Global Rules Product Updates Install Setup Files Install Rules Feature Selection Feature Rules Instance Configuration Server Configuration Database Engine Configuration Feature Configuration Rules Installation Progress Complete	Install_SglSupport_KatmaiRTM_Cpu64_Action : SxsInstallCA			
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SQL 2016/19 Express has finish installing verify with no fails, Click Close.

completed successfully with product upda	ifes.			
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Close out the box and continue the Odyssey software install.



Installing SQL Server Management Studio (Step 2, front end),

Click Install



Installing

Microsoft SQ	L Server Management Studio	
	Cancel	

Click Closed we will restart the computer on the next screen



After the files have completed being remove Click **Finish** and restart the computer to complete the SQL Management Studio install.



AFTER REBOOTING----VERY IMPORTANT----PLEASE READ

When the computer reboots

- 1. An error message **may** open, this message is cause by the **Database.exe** in the receptors folder not having administrator rights to run (execute) and failing to start.
- 2. If nothing happens after the machine reboots follow the solutions below. Step 1 Click Cancel

🐓 RISG-Database		, 🗖 ,	×
RISG-Database has stop	pped workin	g	
Windows is checking for a solu	ution to the prob	lem	
			ancel
			ancer

Step 2 Manually Starting Database.exe

- 1. From the Windows Desktop, right click on the **RISG Menu icon** and select run as administrator from the pull-down menu and that should start **Database.exe** and finish the software installation. OR
- Go to Program Files\Receptors or Program Files (x86) \Receptors folder find and right click on Database.exe and then run as administrator that will start Database.exe and finish the software installation.



The Database Popup Screen should appear and the software installation will start, if the installation does not start automatically click on the button



1. Popup Screen with no errors



2. Click **OK** to restart the computer this is needed to finalize the settings



After the Install is Finish and the computer has rebooted

Testing the software

- 1. On the desktop Start services 2 and 3, verify they open and stay open.
- 2. Open the **RISG Menu**, Under the Admin tab verify the **System Control** and **Data Format** can be opened and you can see the tables
- 3. Under the Admin tab open Administrator
- 4. Go to the Hardware Configuration tab and enter in a test ANX Panel
- 5. Create an Access Level, Timezone and a Group Code.
- 6. Test the print buttons under the Access Level, Timezone and a Group Code tabs.
- 7. Verify the **Alarm Screen opens** services 2 and 3 must be running.
- 8. Open the **RISG Menu** verify **Reports/History** open, if the screen freezes the first time close and try again.
- 9. Close everything and reboot the server, after reboot verify all again

Add the Firewall Exceptions for SQL 2016/19 if the firewall is going to be enable.

If you have a firewall installed on your server, you will need to add exceptions for the SQL Server and SQL Browser services. If you are using Windows Defender Firewall, do the following:

- 1. In your Control Panel, open the Windows Defender Firewall.
- 2. On the left-hand side go to the Advance Setting tab.
- 3. Click Inbound Rules
- 4. Click New Rule
- 5. Browse and select

"C:\Program Files (x86)\Receptors " add

- a. fgws.exe
- b. lanrtp.exe
- c. ridbio.exe
- d. rtp.exe
- 6. Click OK
- 7. Browse and select
 - For Server 2016

"C:\Program Files\Microsoft SQLServer\MSSQL12.MSSQLSERVER\MSSQL\Binn\sqlservr.exe" For Server 2019

"C:\Program Files\Microsoft SQLServer\MSSQL15.MSSQLSERVER\MSSQL\Binn\sqlservr.exe"

- 8. Click OK.
- 9. Browse and select
- 10. "C:\Program Files (x86)\Microsoft SQL Server\90\Shared\sqlbrowser.exe"
- 11. Click OK and then click OK again.

Note: If you are using a third-party software firewall, you will need to follow their instructions to add exceptions for sqlservr.exe and sqlbrowser.exe.