

## 2019 PDM Professional Database Server Installation

TITLE:	2019 SOLIDWORKS PDM Professional Database Server Install
DATE:	September 2018
SUBJECT:	Installation of 2019 SOLIDWORKS PDM Professional Database Server
ABSTRACT:	Comprehensive Installation guide of 2019 SOLIDWORKS PDM Professional Database Server



This guide is written for administrators of SolidWorks PDM Professional 2019. The goal of this guide is to detail the steps necessary for an administrator to successfully install the Database component of the PDM Professional server installation. The other components that are required for the PDM Professional server to function correctly are SQL and the Archive server. Please see the installation guides for those components for information about installing them.

The Database Server software connects PDM Professional to our SQL instance. It manages and passes meta data that we store in PDM to our SQL database for the vault. In order to function correctly the Database Server must be connected to a PDM Archive Server.

Hawk Ridge Systems highly recommends taking a moment before installing SOLIDWORKS and checking that you are ready to load your new software. First, ensure that your computer meets <u>minimum system</u> requirements and that your <u>video card passes certification checks</u>. Also, confirm that the hard drive has enough space to have at least 15% free space after the full installation. Back-up data such as any shared Toolbox library, Design Library, Template files, or a data management vault. As always, verify workmates, customers, or vendors are all on the same version of SOLIDWORKS. Older versions of SOLIDWORKS cannot open files from newer versions.

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## **Before Installation**

Before the PDM Professional Database Server component is installed, please ensure that the following are true:

- 1. You have the password for the "sa" or another "sysadmin" account for your SQL instance if you plan to use an existing one.
- 2. Your Windows account has administrative permissions.

## Installation of the Database Server

- 1. Insert and run the SOLIDWORKS Installation disc 1 or run the "Setup.exe" file inside your downloaded installation folder.
- 2. Select "Server Products" > Install SOLIDWORKS PDM Server, and "Next".





3. Select "Change" next to "SOLIDWORKS PDM Server".

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2019		1			ELME .
Welcome		Summary			
Serial Number		SOLIDWORKS PDM Server		CI	HANGE 🥖
System Check		Server Product:	SOLIDWORKS PDM Profession	nal	
Summary		Installation Location:	C:\Program Files\SOLIDWOR	KS Corp\SOLIDWORKS PDM\	
Download		Features to install:	Archive Server, Database Ser Configuration Required	rver, Client, Web2 Server	
Install Servers		Download Options	coninguration required	CI	HANGE 🥖
Finish		Operation: Download to: Download method: Background downloader:	Download and install C:\Users\raymonKS Downl Automatic download; Maximiz Do not use	oads\SOLIDWORKS 2019 Pre Re re speed	lease 1 =
र		I accept the terms of the SOL	IDWORKS III	Estimated installation si Estimated download siz	ze: 1.4 GB e: 596 MB
×	?			<b>(</b>	<u> </u>
Cancel	Help			Back	Download and Install

- 4. Select "SOLIDWORKS PDM Professional (Formerly Enterprise PDM)", check "Database Server".
- 5. Note that you can also choose to install the Archive Server, Client, and/or Web components here if needed. Please see the guides for those products for more information.

<b>35 SOLID</b> WO	DRKS
2019	+
Welcome	SOLIDWORKS PDM Server
Serial Number System Check	Select Server Product
Summary	SOLIDWORKS PDM Standard     SOLIDWORKS PDM Professional (formerly Enterprise PDM)
Download	Installation Location
Install Servers Finish	C:\Program Files\SOLIDWORKS Corp\SOLIDWORKS PDM\ Browse
	Select Features
	Archive Server     ✓ Database Server
	Client Web Server
	UWeb2 Server Web API Server
	SQL Server
Cancel Help	Back to Summary

6. Select your SQL install by pressing the browse button or manually typing in the instance location. The Browse button will list local instances and other instances broadcasting on port 1433



7. Enter in the SQL sa login credentials or an equivalent SQL DB Owner account in order to give the PDM Database Server the appropriate permissions to log into the database

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2019	is a second s
Welcome	Installation Location
Serial Number System Check	C\Program Files\SOLIDWORKS Corp\SOLIDWORKS PDM\ Browse
Summary	Select Features
SWPDM Server Options Download Install Servers Finish	Archive Server  Database Server  Client  Web Server  Web API Server  Name: localhostiSWPDM Browse Enter SQL login of a user with at least 'db_owner' access to the SOLIDWORKS PDM databases Login Name: sa Password:
Cancel H	Pelp Back to Summary

8. Select "Change" Next to "Download Options" to verify that your download options are correct. Adjust these as needed and select "Back to Summary".



- 9. Accept the terms of the SOLIDWORKS License Agreement and select "Install Now", or "Download and Install", depending on your selection in "Download Options".
- 10. If the installation prompts a restart of the computer, that should be followed accordingly. After this is finished, the database server installation should be complete.