



SOLIDWORKS PDM Professional and SOLIDWORKS Manage were historically bundled with MS SQL Standard 2014.

In October 2019, this bundling was no longer available, so the needed SQL 2014 CALS were sold as separate line items. In October 2020, the 2014 SQL licensing was no longer available to purchase separately through SOLIDWORKS.

MS SQL Standard 2014 will only be supported through the 2021 SP5 release of PDM Professional and SOLIDWORKS Manage.

Note: PDM Standard and SOLIDWORKS Electrical use SQL Express, which does not have licensing requirements.

What Does This Mean?

This means that **all** PDM Professional and SOLIDWORKS Manage Customers will need to have purchased a newer version of SQL Standard to upgrade to 2022.

SQL License Requirements

SERVER+ CAL Model

- 1 SERVER license is required for **each SQL Database Server**
 - Archive Replication does not require additional SQL licensing, but Database Replication does (SQL Enterprise)
 - Dev/Test servers *may* be covered by SQL Server Development Edition
- 1 CAL is required **per PDM user**
 - PDM is a floating network license, however SQL CALS are named user
 - To be MS compliant, customers will need a CAL for each user or device connecting to PDM

Core Model

- SQL is licensed based on **the number of CPU Cores** on the Database Server
- Individual users **do not** require CAL's
- To be MS compliant, customers will need enough Core licensing to cover the logical processors on the PDM server



Software Assurance

SQL is offered both with and without Software Assurance (Microsoft's Subscription Service) which includes

- Technical Support through Microsoft
- Access to future versions

Annual cost is around **25%** of the initial license cost and is only sold in **2-year increments**.



Is this required for PDM Pro?

No, however, without Software Assurance, you are effectively purchasing time locked 2019 SQL Standard, meaning you will need to purchase SQL again when 2019 gets depreciated.

Where to Obtain Microsoft SQL Standard

Customers should seek SQL licensing from their **existing Microsoft partner** if they have one. It is our recommendation that our customers get a Microsoft Partner if they do not already have one.

GoEngineer can provide SQL 2019 Server + CAL or Core licensing with or without Software Assurance to customers who need it.

GoEngineer services team is available to answer any SQL licensing questions. Contact your sales representative to schedule a call.

Upgrading to PDM Pro 2022

Upgrading to PDM Pro 2022 **will require a separately purchased SQL Standard license prior to upgrade. Make sure you meet system requirements.**



Prior to the upgrade, download SOLIDWORKS 2022 and SQL Standard installers to the server.

Backup the SQL databases. Upgrade SQL 2014 to 2019 using the SQL installation media. Upgrade the PDM server software to 2022. Upgrade the PDM database itself to 2022 using the upgrade.exe in the installation media SWPDMServer/Upgrade folder. upgrade all clients before logging back into the vault.

As always, GoEngineer is available to scope and execute upgrade services!

General: 1-800-688-3234

Technical Support: 1-888-559-6167

