



CAMWorks 2016x64 SP2 Release Notes

CAMWorks 2016 SP2 includes numerous new features, enhancements and improvements that enhance overall ease of use and machining capability. It also includes fixes for a number of user reported issues.

• Supported Platforms

- **CAD applications:**

- SOLIDWORKS 2015 and 2016**
 - CAMWorks Solids 2015 and 2016**

- Note:**

- Above mentioned CAD applications are available in only 64 bit mode.

- **Operating Systems:**

- 64-bit version of Windows 10, Windows 8.1, Windows 7 (SP1 or higher)
[Home Editions are not supported]

- Note:**

- CAMWorks 2016 does not support any 32-bit Windows Operating System.
 - 64-bit Windows XP Operating System is not supported.

• License Support

The **License version date** of CAMWorks 2016 SP2 is 20160215 (**February 15, 2016**). In order to run CAMWorks 2016 SP2, the Support (USP) Expiry date of your CAMWorks License must be the same or later than the License version date. The Support (USP) Expiry date indicates the date of expiry of your Update Support Plan (USP). If you need to update your license or to purchase Support Plan please contact your Reseller.

Note: Both the *License Version Date* and *Support (USP) Expiry date* can be viewed in the License Info dialog box of CAMWorks. To view the License Info dialog box, click the *Help* menu of SOLIDWORKS/CAMWorks Solids and select *CAMWorks 2016>>License Info*.

• Language Environments

CAMWorks 2016 SP2 are available in the following languages:

- **English** (User Interface and Help)
- **French** (User Interface and Help)
- **German** (User Interface and Help)
- **Japanese** (User Interface and Help)
- **Chinese** (User Interface)
- **Chinese Traditional** (User Interface)
- **Italian** (User Interface)
- **Polish** (User Interface)
- **Russian** (User Interface)
- **Spanish** (User Interface)
- **Turkish** (User Interface)
- **Portuguese-Brazilian** (User Interface)

• Microsoft Access Pre-requisite

Microsoft Access or Microsoft Access Runtime is required for the functioning of CAMWorks Technology Database (TechDB). CAMWorks 2016 supports both 32-bit and 64-bit versions of Microsoft Access, although 64-bit version of MS Access is recommended. CAMWorks 2016 supports the following versions of Microsoft Access:

- MS Access 2007 (32-bit version)
- MS Access 2007 SP3 Runtime (32-bit version)
- MS Access 2010 SP1 (32-bit and 64-bit versions)
- MS Access 2013 SP1 (32-bit and 64-bit versions)
- MS Office 365 with Office 2013 (32-bit and 64-bit versions)
- MS Access 2016 (32-bit and 64-bit versions)

*The 32-bit Runtime version of Microsoft Access 2007 SP3 is provided with the CAMWorks Installer Package within the Access Runtime sub-folder. If you do not have a compatible full version of Microsoft Access or any other runtime version of Access, then you may install this or download any other compatible runtime Access version from the Microsoft website.

• CAMWorks Installation & License Activation Guide

The **Installation and License Activation Guide** for CAMWorks 2016 is provided along with the CAMWorks 2016 installer. We recommend that you refer to this document if you are unfamiliar with the procedure of installing CAMWorks, activating the CAMWorks license or Technology Database (TechDB) settings to suit your facility's requirements. If you are upgrading CAMWorks, refer to this document for instructions on importing TechDB data from previous version of CAMWorks to this new version.

• Utilities/ Applications installed along with CAMWorks 2016

CAMWorks 2016x64-SP2 Installer Package also installs the following utilities/applications:

- **CAMWorksView:** A 3D viewer application which enables the user to review CAMWorks toolpath operations data along with the 3D models of stock, Work-in-process (WIP) and the finished part model.
- **CAMWorks License Manager:** A built-in License Management mechanism for CAMWorks which is necessary both FlexLM Software and Hardware Dongle Licensing methods.
- **License USB (dongle) key Driver:** The Sentinel Driver is an essential utility required if CAMWorks is run using a Hardware Dongle license. This utility enables CAMWorks to read the Hardware USB key (dongle).
- **CAMWorks Virtual Machine:** A unique solid based Machine Simulation application for accurate verification of material removal and for checking the post processed code that will run on the machine. Note that in order to use this application, your CAMWorks license must be programmed to run the CAMWorks Virtual Machine module. Hence, installing this application is optional.

• Installing CAMWorks 2016 SP2

- Ensure that the supported CAD Application is installed.
- To install CAMWorks:
 - Download the **CAMWorks2016x64-SP2.zip** file from the *Downloads Area* of the CAMWorks website (<http://www.camworks.com>) (login required).
 - Unzip the *CAMWorks2016x64-SP2.zip* folder.
 - Run the installer file **CAMWorks2016x64-SP2.exe**. Follow the simple instructions given in the Installation Wizard to complete the installation.
 - If a supported version of Microsoft Access is not detected, the installation

Wizard will not allow the installation to proceed.

- If **CAMWorks Virtual Machine** application is not detected on your system, then the Installation Wizard for CAMWorks Virtual application will be displayed.
 - To install this application, follow the simple instructions given in the Wizard.
 - If you don't want to install this application, exit the Installation Wizard. This step is recommended in case your CAMWorks license is not programmed to run the CAMWorks Virtual Machine application.
- When you install CAMWorks 2016x64, the application and data files will be installed at two separate locations:
 - The application files are installed in a user-defined folder (e.g. C: \Program Files\CAMWorks2016x64).
 - The data files are installed in a different user-defined folder (e.g.: C:\CAMWorksData\CAMWorks2016x64). Data files include example parts, assemblies, posts, mill tooling, API examples, EDM cutting conditions, machine simulators, setup sheets, user-defined setup sheets and images, TechDBForms.mde, TechDB.mdb and ReportDatabase.mdb. It is essential that user has read/write permission to the data folder.

• **If You Are Currently Running CAMWorks 2015 or an older version**

CAMWorks 2016 can only be installed as a new installation. CAMWorks 2015 or older versions cannot be upgraded to CAMWorks 2016.

Note:

- If you have customized the TechDB in CAMWorks 2015 then you need to import it in CAMWorks 2016 TechDB.
- Some of the new functionality in CAMWorks 2016 may require changes to your existing post processors. Please contact your reseller for upgrading the posts.
- CAMWorks data saved in CAMWorks 2016 cannot be restored in previous versions of CAMWorks.

Switching from one version of CAMWorks to the other is done through the SOLIDWORKS Add-in Manager. Please follow these steps:

1. Close all part models.
2. Select the Add-in manager. Under Start-up, uncheck the version you no longer want to run and then close SOLIDWORKS/CAMWorks Solids.
3. Restart SOLIDWORKS/CAMWorks Solids and then enable the version you want to run; then click OK.

• **What's New in CAMWorks 2016**

CAMWorks 2016 comes packed with new enhancements and improvements which have been developed by considering the latest machining trends in the market. You can get the details of the new features from the 'What's New' document.

The document can be launched from the *Start* menu of the Windows taskbar by selecting *All Programs>>CAMWorks2016x64>>What's New*. Alternatively, you can access it from the *Help* menu within SOLIDWORKS and CAMWorks Solids by selecting *Help>>CAMWorks 2016>>What's New*.

• **Resolved Issues in CAMWorks 2016 SP2**

The description of the user reported issues which are resolved in CAMWorks 2016 SP2 is provided in the **Resolved CPR's** document. This document can be accessed from *Start* menu of the Windows taskbar by selecting *Start>>All Programs>>CAMWorks2016x64>>Resolved CPR's*.