**GibbsCAM 12**

This document is intended for customers of GibbsCAM® 12. It is divided into the following sections.

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# Overview

As of September, 2017, 3D Systems has made available GibbsCAM 12, containing fixes and enhancements to GibbsCAM 2016.

# Installing

## System Requirements

The following is a condensed summary. For full details, see the Installation guide.

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|---|---|
| **Operating System** | Windows 7, Windows 8, Windows 10, or Windows Server (2008 R2 • 2012 • 2012 R2 • 2016). A 64-bit OS is required. Please install the latest available OS service packs and patches through Windows Update. |
| **Hardware** | A computer that matches or exceeds the following requirements will run GibbsCAM very comfortably. Please note that the larger or more complex your parts are, the more GibbsCAM will demand from your system. |

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|---|---|
| **CPU** | *Intel*: Quad care: Core i9, i7, or i5. <br> *AMD*: Ryzen, FX, Opteron, or Epyc |
| **RAM** | 16 GB RAM |
| **Video Card** | An NVIDIA video card with 1+ GB of video memory |
| **Disk** | 8 GB free disk space |

Although a smaller system is quite capable of running GibbsCAM, it may have slower performance, especially with very large parts or complex toolpath.

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|---|---|
| **Video Drivers** | As for GibbsCAM 2016 |
| **Network Licensing** | As for GibbsCAM 2016 |

The first time you start a freshly installed GibbsCAM, you will be prompted to re-register. Click the "Run Registration Tool" link to enter your product code and customer information. In the registration process, simply click Next, Next, ..., Finish to accept all stored defaults and send the information to 3D Systems. If you encounter problems with re-registration, contact GibbsCAM Technical Support: (800) 654-9399 (within North America), or +1.805.523.0004.
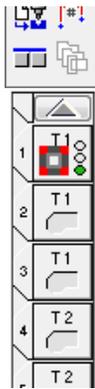
# Known Issues and Late-Breaking Information

At this point in time, some function points expected in the final release are not yet ready for testing or use.

- **Additive** option. Not included with this release, but you can request files and instructions from your Reseller.
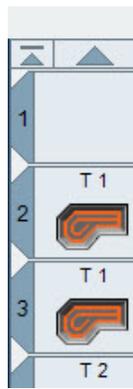- **Documentation.** PDFs and online help are unavailable in languages other than English.

## Intentional Changes From GibbsCAM 2016

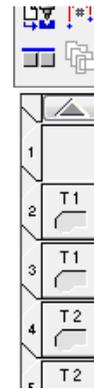The following are intentional changes, not issues to report.

- Import of files from CATIA (Dassault Systèmes). NX (also known as Siemens PLM / Unigraphics UGS/NX), and VDA-FS now defaults to **Spatial** (a unit of Dassault Systèmes, and developer of the 3D ACIS kernel). Datakit options are still supported at this release, but will be phased out.

- The Alternate Keyboard Shortcuts functionality has been removed because of limited use and because its retention would block future improvements to customization of keyboard shortcuts.

- For TMS, the elimination of "Operation 1" at this release is intentional. TMS parts at GibbsCAM 12 and later should not be saved backward to GibbsCAM 2016 or earlier. If you use File > Save a Copy to a release earlier than GibbsCAM 12, the result will not have an Operation 1 and will thus no longer be TMS.



| TMS Operations before GibbsCAM 12 | TMS Operations in GibbsCAM 12 | TMS Operations saved backward from GibbsCAM 12 |

# For More Information

What's New in GibbsCAM 12 provides an overview of major enhancements and changes that have occurred since GibbsCAM 2016.

# To Report an Issue

If GibbsCAM exhibits unexpected behavior: Save your current part, exit GibbsCAM and restart it, and try the scenario again. If the behavior persists, please let us know.

| To report an issue by e-mail | GibbsCAM.Support@3DSystems.com |
|---|---|
| To report an issue by telephone (Monday through Friday, 5:00AM to 5:00PM Pacific Time) | • *North America toll-free:* (800) 654-9399<br>• *Otherwise:* +1.805.523.0004 |
| To report an issue by fax | +1.805.523.0006 |
| To report an issue by mail | 3D Systems /<br>323 Science Drive / Moorpark, CA 93021 USA |