



GIBBSCAM

2027

CAM for
Production Machining

Version 2027 : September 2026

Viewer and Operator



GIBBSCAM

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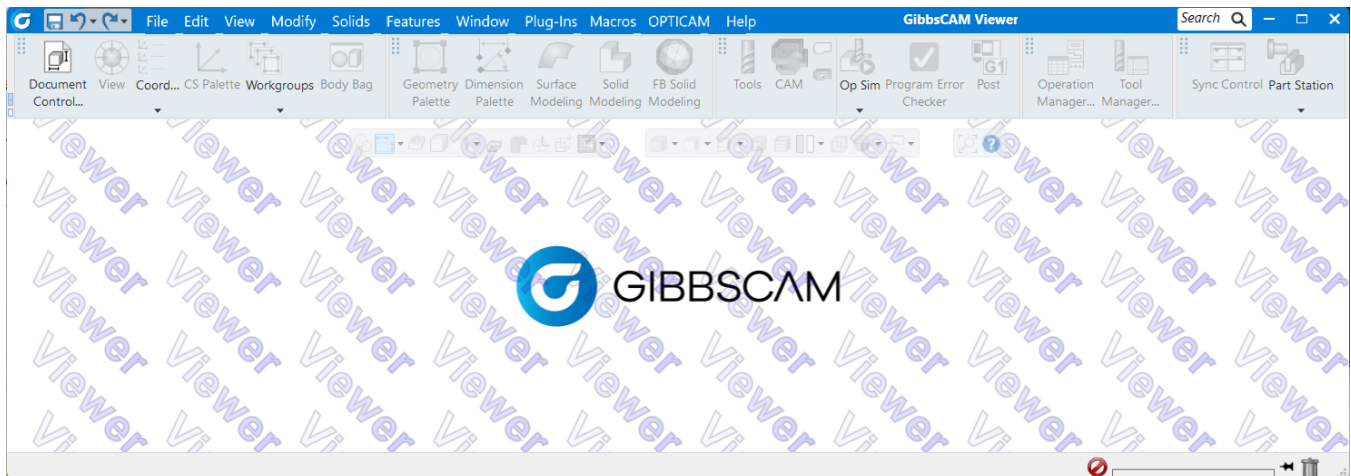
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Introduction to Viewer and Operator

GibbsCAM Viewer and GibbsCAM Operator provide flexible access to GibbsCAM capabilities without requiring a full GibbsCAM programming license. GibbsCAM Viewer allows users to access and review part information without generating toolpaths, posting, or saving/exporting files, while GibbsCAM Operator enables users to perform selected manufacturing and post-processing tasks.

GibbsCAM Viewer

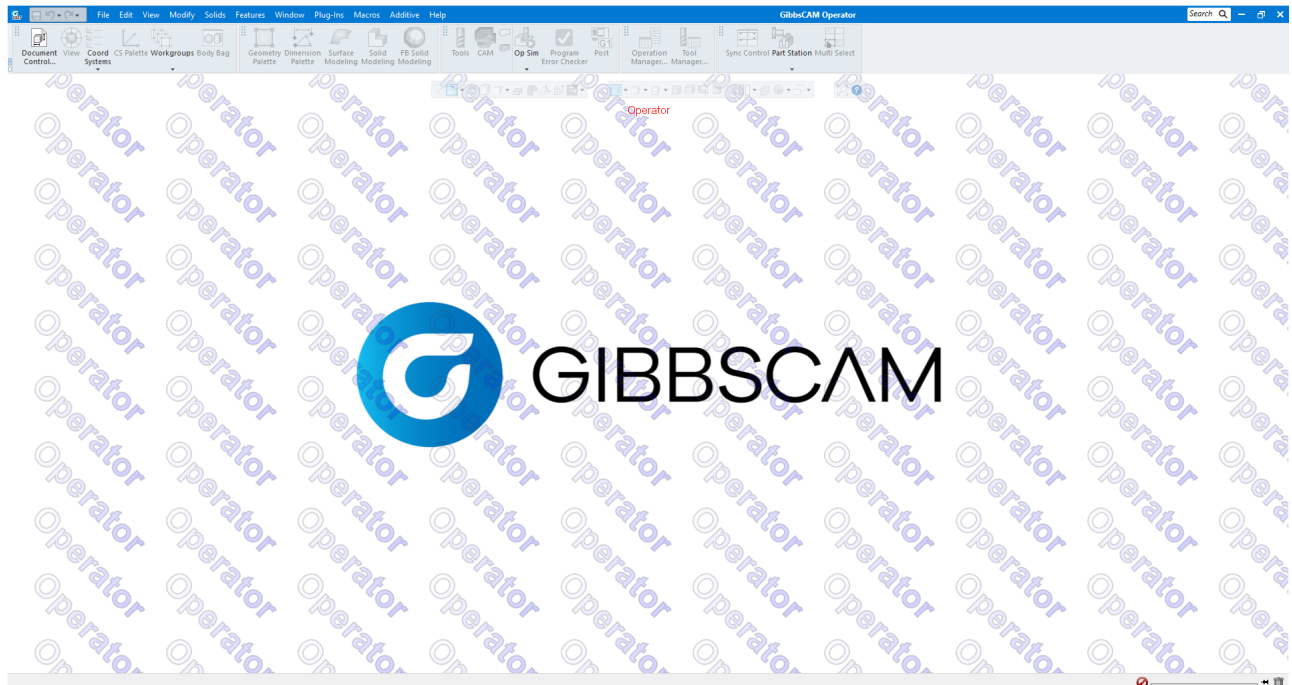
GibbsCAM Viewer lets you directly access all part information without allowing toolpath generation, posting, or saving/exporting, etc. Viewer and Industrial share the same installer (product level is determined by license) and user interface: Existing GibbsCAM users can use Viewer with no learning curve or training.



Initial startup screen of GibbsCAM Viewer

GibbsCAM Operator

GibbsCAM Operator enables users to perform selected manufacturing and post-processing tasks without requiring a full GibbsCAM programming license.



Initial startup screen of GibbsCAM Operator

Installation, Registration, and Licensing

GibbsCAM Viewer, GibbsCAM Operator and GibbsCAM Industrial Edition use the same installer, installation steps, and registration tool.

The system differentiates Viewer and Operator from Industrial through the license file. This file is generated when you enter your product code into the Registration Tool and register the software. The license file resides under the global data folder, in this location:

`C:\ProgramData\Gibbs\GibbsCAM\<version>\LicenseData\<release>\.`

For example, the license file for GibbsCAM 2027 resides here:

`C:\ProgramData\Gibbs\GibbsCAM\<version>\LicenseData\270.0\license-*****-#.lic.`

Running Viewer, Operator and Industrial

Because the system looks for only one *.lic file at a time, you normally run either GibbsCAM Industrial Edition or GibbsCAM Viewer or GibbsCAM Operator on a single machine, not both. But this limitation can be overcome by using NLO (Network License Option) or a Dealer license.

PowerOpts.txt and Preferences > License Options

If you have a Dealer license, or if you have set up NLO to serve licenses for both Industrial and Viewer and Operator, you can use the following two procedures to run both products on the same machine.

To set up: In PowerOpts.txt, uncomment "Option_Limiter"

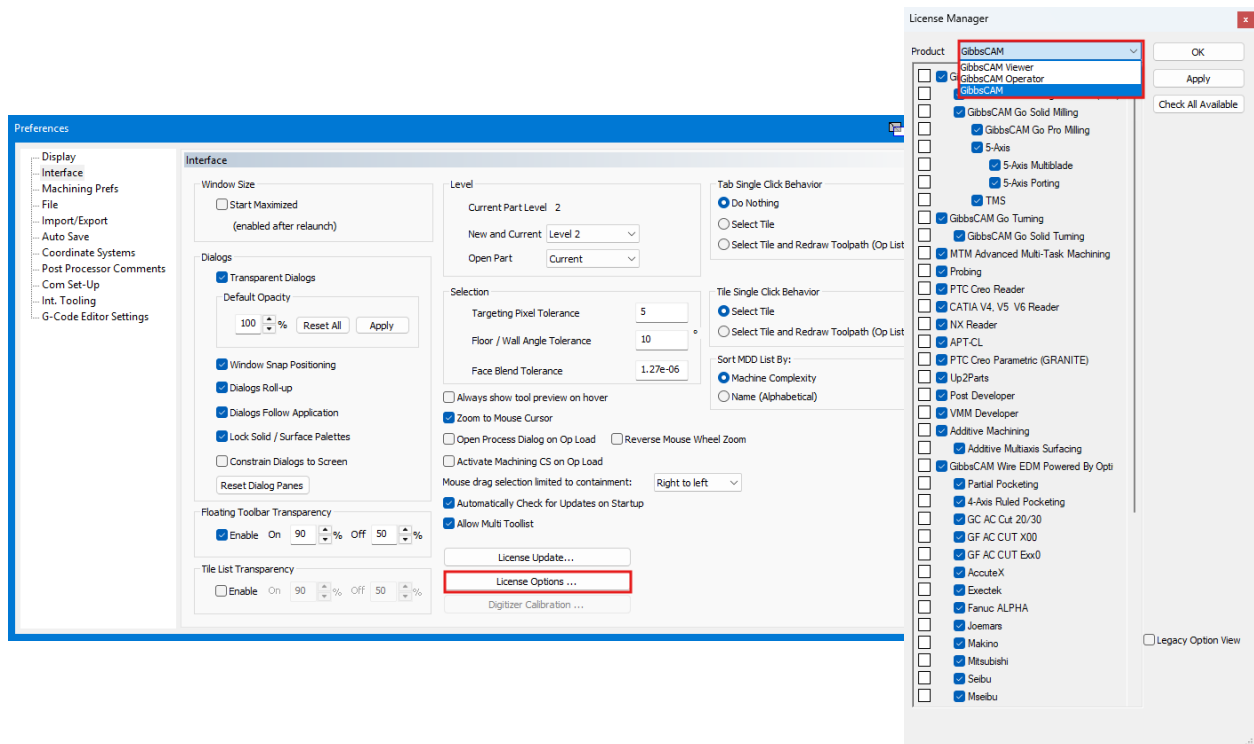
1. With Administrator privileges, open the installation folder. This folder is usually `C:\Program Files*\Gibbs\CAM\<version>`.
2. Make a backup copy of the original PowerOpts.txt file.
3. Edit PowerOpts.txt and find this line:
`// Option_Limiter`
4. Delete the line's first three characters, leaving:
`Option_Limiter`
5. Save your changes.

Result: The next time this machine starts this release of GibbsCAM, the **Product Options** dialog opens, allowing you to choose all or a subset of available product options.

To choose product options: File > Preferences > Interface > License Options

1. Within GibbsCAM, open the **Preferences** dialog and access its **Interface** tab.
2. Click the **License Options** button.

Result: The **License Manager** dialog opens. The pulldown menu at its top allows you choose between GibbsCAM Viewer and GibbsCAM Operator and GibbsCAM, as illustrated below.



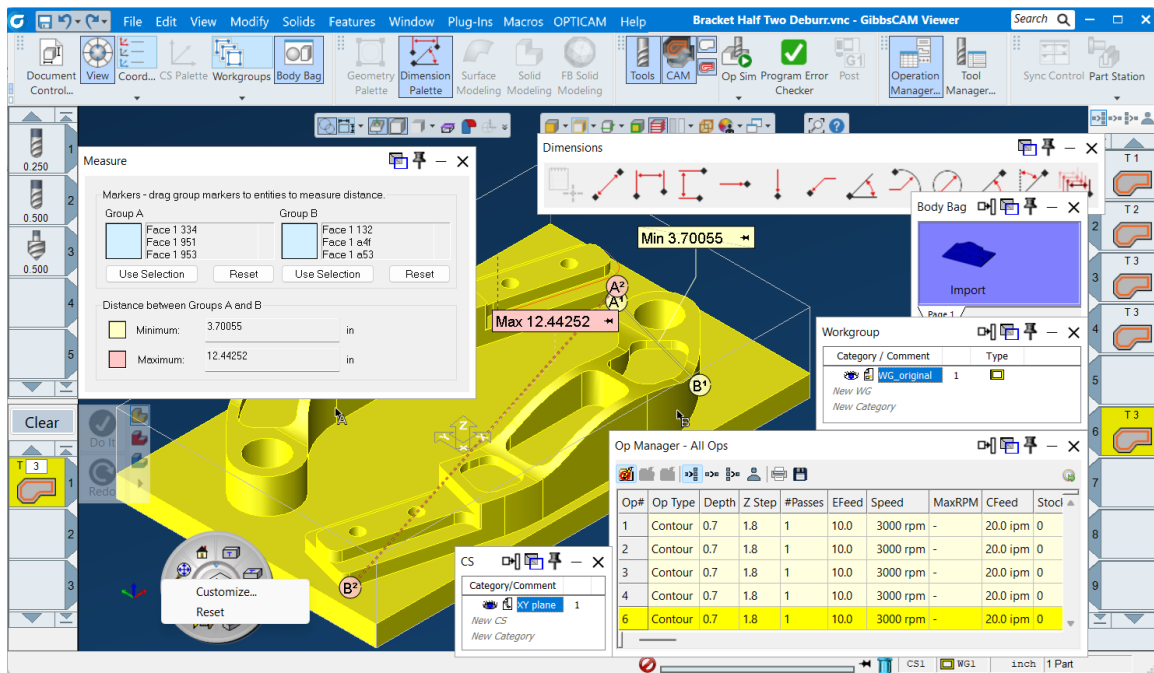
Switching between GibbsCAM Viewer, GibbsCAM Operator and GibbsCAM

Viewer and Operator Capabilities

Viewer Capabilities

Users of GibbsCAM Viewer can do all the following.

- Open parts (*.vnc) and packages (*.gcpkg)
- **Rendering**, including:
 - Toolpath (including color modes)
 - Wireframe geometry; and solids, surfaces, and facet bodies
 - CS grid, stock, and origin
 - Dimensioning and PMI
 - Show Clearance Planes/Volumes
 - Section View
 - All **Simulation** modes
- All **View** and **Viewport** controls
- Measurement: Dimension creation (other than Text), **View** > Measure, etc.
- Solid and part query tools and plug-ins: Show Taper Angle/Curvature, Get Draft Angle, Show Surface Normals, Solid Inquiry, Show Position, Find Ops, etc.
- **Reporter** output
- Op, Tool, and Process tile lists (including tile list view modes)
- **Op Manager**, **Tool Manager**, and **Process Manager** (without Edit capabilities)
- **Op Data** dialog
- Op To Geometry (to permit dimensioning)
- Utility markers (but not marker placement)
- Tool and Process dialogs (but with **Do It** and **Redo** unavailable)
- Activate Ops / Deactivate Ops
- **Feature Manager**, **Attribute Manager**, and **Hole Manager** (with restrictions)
- **CS List** / **WG List** (with restrictions)
- Program Error Checker; Body Bag; Printing; Update Notification
- **Help**: PDFs, Online Help, Balloons, Check for Updates, and Copilot

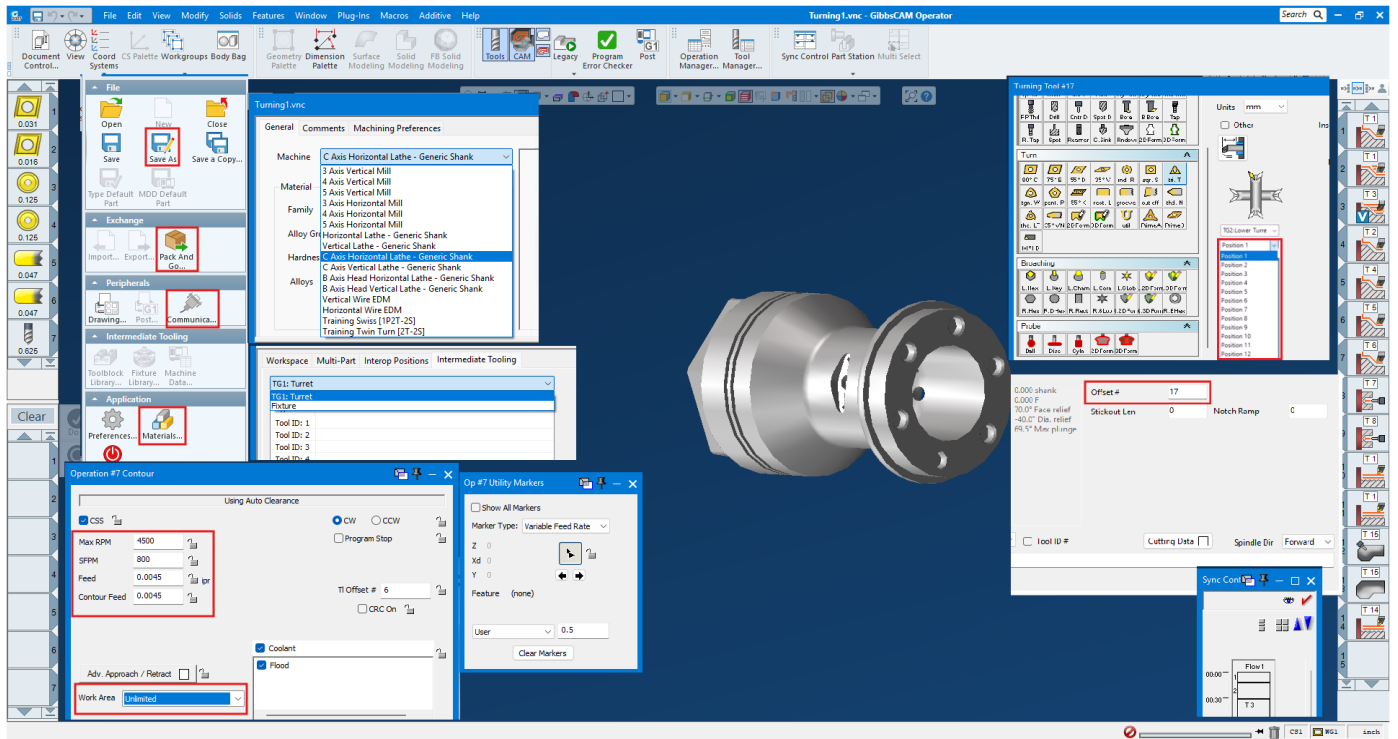


Workspace of GibbsCAM Viewer and some of its capabilities

Operator Capabilities

Users of GibbsCAM Operator can perform all functions available in GibbsCAM Viewer, plus the following:

- Open and review GibbsCAM parts (*.vnc) and packages (*.gcpkg).
- Postprocess operations and generate NC code.
- Save and export supported GibbsCAM files.
- Create GibbsCAM packages.
- Communicate directly with CNC machines.
- Access and use the Material Database.
- Use most Intermediate Tooling functions, excluding library and machine management.
- Adjust feeds and speeds for existing operations.
- Perform external postprocessing using supported postprocessors, such as PostHASTE and APT/CL.



Workspace of GibbsCAM Operator and some of its capabilities

Conventions

GibbsCAM documentation uses two special fonts to represent screen text and **keystrokes or mouse actions**. Other conventions in text and graphics are used to allow quick skimming, to suppress irrelevancy, or to indicate links.

Text

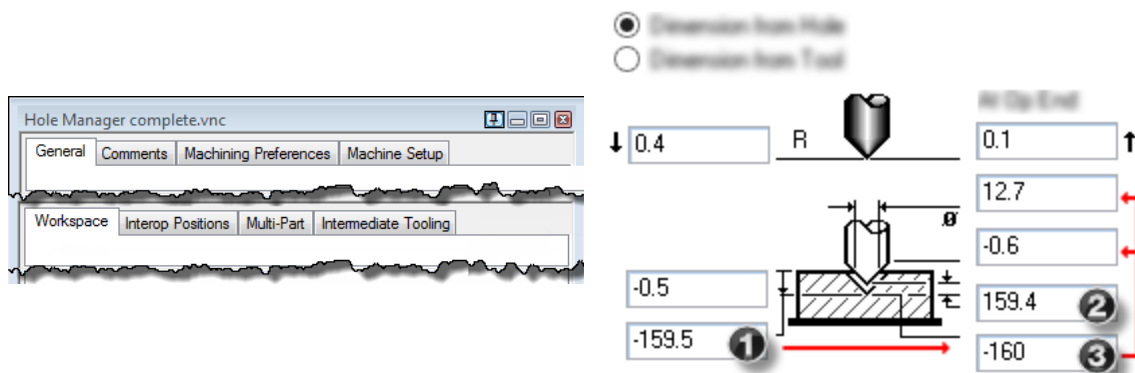
Screen text. Text with this appearance indicates text that appears in GibbsCAM or on your monitor. Typically this is a button or text for a dialog.

Keystroke/Mouse. Text with this appearance indicates a keystroke or mouse action, such as **Ctrl+C** or **right-click**.

Code. Text with this appearance indicates computer code, such as lines in a macro or a block of G-code.

Graphics

Some graphics are altered so as to de-emphasize irrelevant information. A “torn” edge signifies an intentional omission. Portions of a graphic might be blurred or dimmed to highlight the item being discussed. For example:



Annotations on a graphic are usually numbered callouts (as seen above), and sometimes include green circles, arrows, or tie-lines to focus attention on a particular portion of the graphic.

Links to Online Resources

Please contact your reseller for support.

Link	URL	Action / Description
Go	http://www.GibbsCAM.com	Opens the main website for GibbsCAM.
Go	https://online.gibbscam.com	Opens Gibbs Online page to download GibbsCAM and all supported material.

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