

# What's NEW in VERICUT Composites Programming V8.1.2

IMPORTANT! - Licensing is NOT included in software shipments. See "How to get a license" below for details.

November 16, 2018

Dear VERICUT® Composites Programming User:

Thank you for your continued investment in VERICUT Composites Programming, an important part of your NC programming and machining process!

The VCP 8.1.2's NC program simulation, verification, and optimization technology is packed with new features making it more powerful and easier to use. This letter describes important changes in VCP 8.1.2. Take a moment to review what's new and improved in this release.

## Maintenance and Licensing Information

**How To Get a License** - All users must complete and return the License Request Submit the application at:  
[http://www.cgtech.com/vericut\\_support/request-license/](http://www.cgtech.com/vericut_support/request-license/). Licensing is sent via Email only.

**NOTE:** This software requires a VERICUT 8.1 license.

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Sincerely,  
Andre Colvin  
CGTech VERICUT Product Manager

# V8.1.2 Release Notes

November 16, 2018

VCP VERSION 8.1.2 is not available for 32 bit Windows computers. It will only run on 64 bit Windows, and is supported on Windows 7 and Windows 10 computers.

VCP's license server will continue to run and be supported on 32 bit or 64 bit computers.

Both VCP and the license server can be installed by both 32 bit and 64 bit computers. When installing VCP with a 32 bit computer you will be warned that it can only run on 64 bit systems. The warning will not display when installing the license server.

## New Features in V8.1.2

- New parameters to control AFP course-to-course gap have been added. Previously these parameters were only available for wide tape configurations.
- A batch action to export rule checks reports has been added.

## Changes in V8.1.2

- Internal changes to VCP have allowed for massive performance increases over VCP Revision 1.
- Geometric entities in VCP now use unique identities internally.
- The option to automatically save laminate stack-up models is now always displayed, instead of after reading any models.

## Bug Fixes in V8.1.2

- VCP now properly generate supplementary files when both "NeedInspectionXML" was defined in a post-processor and the auxiliary file checkbox was selected on the Post card.
- Thickness validity was not properly transferred over through the File Summary feature.
- VCP still displayed GUI elements for Laser Inspection in the ribbon without a license.
- Curved shelf entries and exits were not being rendered correctly.
- Slight mouse movements while clicking on the recent laminates list would not open the laminate project as expected.
- A specific set of steps was causing unexpected behavior when renaming a ply node.

- The Python post-processing system was incorrectly converting points and normals to the post-processor references frame when using certain API calls.
- Closing `</Packet>` tag was missing when attempting to write laser inspection files for wide tape.

# What's NEW in VERICUT Composites Simulation V8.1.6

IMPORTANT! - Licensing is NOT included in software shipments. See "How to get a license" below for details.

November 16, 2018

Dear VERICUT® Composites Simulation User:

Thank you for your continued investment in VERICUT Composites Simulation, an important part of your NC programming and machining process!

The VCS 8.1.6's NC program simulation, verification, and optimization technology is packed with new features making it more powerful and easier to use. This letter describes important changes in VCS 8.1.6. Take a moment to review what's new and improved in this release.

## Maintenance and Licensing Information

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Sincerely,  
Andre Colvin  
CGTech VERICUT Product Manager

## **V8.1.6 Release Notes**

**November 16, 2018**

VCS VERSION 8.1.6 is not available for 32 bit Windows computers. It will only run on 64 bit Windows, and is supported on Windows 7 and Windows 10 computers.

VCS's license server will continue to run and be supported on 32 bit or 64 bit computers.

Both VCS and the license server can be installed by both 32 bit and 64 bit computers. When installing VCS with a 32 bit computer you will be warned that it can only run on 64 bit systems. The warning will not display when installing the license server.

### **Enhancements and Changes in V8.1.6**

VCS Logger Analyze Message tab can be expanded or collapsed.

X-Caliper Distance/Angle sections show previous dropdown selection from last VCS session rather than always being set to "From Point" and "To Point."

Display of units has been standardized to always display four decimal places.

When the VCS window is resized, Ribbon Menu buttons lose their text and shrink to smaller sizes to better fit within the smaller window.

### **Problems Resolved in V8.1.6**

#### **Verification**

Attempting to add additional offsets of the same type no longer produces false error messages.

Mouse cursor is no longer disabled during NC Program Review.

Models that are set to invisible no longer lose their X-Caliper From/To location points.

X-Caliper no longer displays the wrong diameter when Highlight Same Plane/Cylinder function is used.

Machine Offsets window displays SubRegister and Name.

The Animation Slider being set to slower speeds no longer warps images in the graphical display.

Adjusting the Animation Slider no longer affects the number of collisions reported.

## **G-Code Processing**

VCS's ability to catch and report corrupted code has been improved.

Instance of unexpected termination when Play or Single Step is used in the Animation Controls have been eliminated.

Automatic syntax check no longer has to be saved in the ON position before it can be used.

## **New Macros in V8.1.6**

No new macros