Geomagic Perceptron Plugin 9.6.7.31

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Enables Geomagic **Studio 8 SR 2**
and Geomagic **Qualify 8 SR 1**
to operate with Perceptron Scanner

Technical Support

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Prerequisites

This plugin requires a Geomagic product listed in the heading. To verify your current version, launch the application and select **Help -> About Geomagic *ProductName***. The text box at the top of the dialog indicates the current software version.

Installation

1. Verify installation of a Geomagic product listed in the heading.
2. Read the ScanWorks manual for installation and setup of hardware and software. In summary: install WinRDS, install CimCore/Perceptron ScanWorks software, install the arm and scanner, calibrate the arm and scanner, and make a test scan.
3. Log in to Windows as a user with administrative privileges.
4. Obtain the installer named **PerceptronSetup9.exe** from the Geomagic website.
5. Run the installer.

User Instructions

See "*Perceptron Plugin, Document Version G*".

New Features in this Geomagic Perceptron Plugin

Compared to the previous Perceptron Plugin, this release has several improvements, including:

- The plugin now reads the ScanWorks calibration file reliably.
- The user interface is now available in English, Spanish, French, German, Italian, Japanese, and Chinese.

Known Issues

- If the Contour Probe fails to collect data and a popup message says, *"Failed to validate laser probe. Make sure the Contour Probe is attached to the arm",* try the following steps. Check the Sensor Power switch on the control unit, the cabling to the Contour Probe, and the physical connection of the Contour Probe to the arm. If the problem persists, rename C:\Program Files\CIMCORE\WinRDS\armdata\PROBE.8 to PROBE.8.invalid, restart the Geomagic software, and verify that the Contour Probe is functional.
- Under unusual circumstances, the value in the **Max. Deviation** field of the Laser Compare function unexpectedly jumps to 0, causing the next data collection process to give no results. If a data collection process yields a blank Viewing Area, manually set **Max. Deviation** to an appropriate value. Note that **Max. Deviation** has a maximum value that is determined by the geometry of the Reference object, meaning that the value that appears in the field might be lower than actually entered by the user.