

Geomagic FARO ScanArm Plugin 16.0

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This plugin enables Geomagic Studio 2012, Geomagic Qualify 2012, Geomagic Qualify Probe 2012, and Geomagic Wrap 2012 to operate with the FARO ScanArm.

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Prerequisites

The following prerequisites must be verified prior to installing the plugin:

- **Geomagic Software Version:** This plugin requires a Geomagic product listed in the heading above.
To verify your current version, launch the application and select **App Button**  **> About**. The About dialog box displays the current software version (2012.X.X).
- **Supported Operating Systems:** This plugin supports the 32-bit and 64-bit versions of Microsoft Windows XP, Windows Vista, and Windows 7.
- **Additional Software:** The FARO driver is needed, and can be found on the [Plugins Page](#) of the [Geomagic Support](#) web site. Instructions for installing this driver are included in this document.


Installation

To install the plugin and FARO driver:

1. Verify that the USB cable between the FARO equipment and your system is disconnected.
2. Verify the installation of the supported Geomagic product (as listed above).

3. Uninstall any existing versions of the plugin.
 - a. Access the Add/Remove/Uninstall Programs dialog box in your system's **Control Panel**.
 - b. Locate the **Geomagic Plugin for FARO N** entry, and click it to select it.
 - c. Click **Remove / Uninstall**.

For assistance with uninstalling software on your system, contact your local systems administrator.

4. If necessary, log in to your system as a user with administrative privileges.
5. From the [Plugins Page](#) of the [Geomagic Support](#) web site, download the USB device driver installer. Be sure to download the correct bit version (32-bit or 64-bit) for your system.
6. In the **Additional Drivers/Applications** column of the [Plugins Page](#) of the [Geomagic Support](#) web site, download the FARO driver installation file. Be sure to download the correct bit version (32-bit or 64-bit) for your system.
7. Run the FARO driver installer executable file.
8. Run the plugin installer executable file.
9. Connect the USB cable between the FARO equipment and your system.
10. Start the Geomagic application and verify that the plug-in appears in the **Scanning Plug-In** drop-down list under **App Button**  **> Options > Hardware > Digitizers**.

User Instructions

Refer to the *FARO ScanArm Plugin* PDF available in the **User Instructions** column on the [Plugins Page](#) of the [Geomagic Support](#) web site.

Known Issues

The graphics performance may slow down after several minutes of continuous scanning.

This problem can be resolved as follows:

1. Reboot your system.
2. When the computer is in the loading phase, press F12.
3. Scroll down and select **BIOS Setup**.
4. Click **Performance > Intel SpeedStep**, and clear (uncheck) **Enable Intel SpeedStep**.
5. Click **Apply**.