Trimble Geomatics Office™

Release Notes

■ **Product Information**

Version 1.61
Revision A
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⊗ Trimble®

Corporate Office

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Product Information

This document describes changes made to the Trimble Geomatics Office™ software since version 1.6 was released.

Installing the Software Update

For the Trimble Geomatics Office version 1.61 software update to work, you must already have Trimble Geomatics Office version 1.6 installed on the office computer.

To download the software update from the Trimble website, go to http://www.trimble.com/geomaticsoffice_ts.asp?Nav=Collection-66.

The update is also available on the *Trimble Survey Controller™ Version 10.7 Software CD*. From the main CD menu, select Update Office Software. If Trimble Geomatics Office version 1.6 is already installed, then the version 1.61 update installation will begin.

Updating Trimble Geomatics Office

When you update to version 1.61 of Trimble Geomatics Office, certain files are backed up.

The following files are renamed with *.bak:

- Current.csd
- Antenna.ini
- Receiver.ini

The following files are copied into the Program Files\Trimble\Trimble Geomatics Office\System\BackedUpBy161 folder:

- AsciiRpt.dat
- AsciiImp.dat
- AsciiExp.dat

For more information about using customized information from earlier versions of Trimble Geomatics Office, see the next section.

Using Customized Information from Trimble Geomatics Office Version 1.6

You can use the following Trimble Geomatics Office version 1.6 customized files in version 1.61:

- *.frm – Plan form definition

- *.fcl – Feature and attribute library

- Current.csd – Coordinate system database containing existing and user-defined coordinate systems (including sites, datum transformations, ellipsoids, and geoid models)

- Symbol.sym – Symbol library

- Linetype.ltp – Line type library

Files that have changed

The following files have been updated in Trimble Geomatics Office version 1.61:

- ASCIIrpt.dat – Report format files

- ASCIIimp.dat – ASCII import definition files

- ASCIIexp.dat – ASCII export definition files

You may not be able to use the version 1.6 ASCIIrpt.dat, ASCIIimp.dat, and ASCIIexp.dat files in version 1.61. However, some formats that were defined in them may still be compatible with Trimble Geomatics Office 1.61.

To use version 1.6 ASCIIimp.dat formats in version 1.61:

1. Select *File* / *Import*. The *Import* dialog appears.

2. In the *Custom* tab, click **New Format**. The *Define ASCII Import Format* dialog appears.

3. Open the version 1.6 ASCIIimp.dat file in a text editor.

4. Copy the appropriate file format into the *Define ASCII Import Format* dialog (Format Body section) in Trimble Geomatics Office.

5. If the field codes referenced in the custom format do not exist in the Trimble Geomatics Office database, right-click to access the shortcut menu, and then select the appropriate field.

6. Click **OK**.

The custom format is now defined in the Trimble Geomatics Office 1.61 ASCIIimp.dat file.

To use version 1.6 ASCIIrpt.dat (custom report) and ASCIIexp.dat (custom export) formats in version 1.61, follow the same procedure.

⚠ **Warning –** Do not simply copy version 1.60 ASCIIimp.dat, ASCIIrpt.dat, and ASCIIexp.dat files to the Trimble Geomatics Office system directory after you update the software to version 1.61.
If you do that:
- you will overwrite the Trimble Geomatics Office version 1.61 custom formats
- the software will not write the custom formats into the correct tabs
- the custom formats may not work because of the difference between the database table and column structures
- you will lose any new or improved custom formats included with the Trimble Geomatics Office installation

Exporting Cross Sections from Autodesk to Use in RoadLink

To ensure that the road definition is accurately represented in the Trimble RoadLink™ software, you may need to export more cross sections at critical stations.

To specify additional cross sections:

1. Select *Cross Sections / Existing Ground - Sample From Surface*.

2. Select *Add specific stations* in the *Section Sampling Settings* dialog.

Note – If you set the Section Sampling Settings from the Projects / Edit Drawing Settings option, you will have to regenerate the cross-sections from the Cross-sections / Existing ground - Sample From Surface option.

Projection Grid and Shift Grid Support

Trimble Geomatics Office version 1.61 supports projection grids, which are currently used by the Malaysian Cassini State Plane coordinate systems.

Version 1.61 also supports shift grids, which are currently used by the Royal Dutch (RD) Stereographic coordinate system.

Projection grids and shift grids are also supported in Trimble Survey Controller version 10.7. You can use the Trimble Data Transfer utility to transfer projection grids and shift grids between Trimble Geomatics Office version 1.61 and a Trimble controller that is running Trimble Survey Controller version 10.7 software.

Note – If a job contains projection grids or shift grids that were defined in the coordinate system using Trimble Geomatics Office 1.6, you cannot open the job in Trimble Geomatics Office version 1.61.

Improvements to SDR33 File Export

When you export SDR33 files from Trimble Geomatics Office 1.61 using US feet or international feet, the correct units are written to the exported file.

Improvements to DXF File Support

Improvements have been made for using DXF files as background maps and importing DXF files into Trimble Geomatics Office projects.

Canadian Geoid Model

The Canadian Geoid Model HT2_0 is now available to use with Trimble Geomatics Office. To download the files from the Trimble website, go to
http://www.trimble.com/geomaticsoffice_ts.asp?Nav=Collection-71.

For instructions on how to convert the HT2_0.byn file to the required .ggf format, refer to the *readme.txt* file.

The files are also available on the *Trimble Survey Controller Version 10.7 Software CD* in the folder \Trimble Geomatics Office\Additional files.