

**GERBER OMEGA™ 4.0 SP1 Build 15 Readme**  
**2/28/2011**  
**Copyright Gerber Scientific Products 2011**

Customers who already have OMEGA 4.0 can install OMEGA 4.0 SP1 Build 15 on top of their existing OMEGA software to gain the latest OMEGA software. OMEGA 4.0 SP1 Build 15 will only add the latest software to an existing OMEGA 4.0 installation. It does not include fonts, libraries, profiles, documentation etc. These should still be loaded from the original OMEGA 4.0 system disk.

SP1 Build 15 includes English, French, Italian, German, Spanish, Dutch and Chinese translations.

**See below for details about the changes made to OMEGA 4.0 SP1 Build 15.**

**[Click here for Installation Instructions for OMEGA 4.0 SP1 Build 15.](#)**

Visit the GSP web site ([www.gspinc.com/omega](http://www.gspinc.com/omega)) for the latest information about OMEGA 4.0.

Beginning in early 2011, this OMEGA version can be used with a new optional USB to parallel cable (for the EDGE™ and EDGE 2) and a USB to serial cable (for GSP sprocketed plotters) that function with Microsoft® Windows™ XP 32 bit and Windows 7 32 or 64 bit. Therefore, OMEGA 4.0 SP1 Build 15 can now be used with Windows 7 32 or 64 bit systems. 3D AutoCarve does not run in 64 bit mode but can be used with Windows XP Emulation Mode available as a download from Microsoft with Windows 7 Ultimate or Professional.

Be sure to register your OMEGA software so we can contact you with news and updates about your OMEGA software.

***OMEGA 4.0 SP1 Build 15 Changes (since 4.0 Build 38)***

**Changes Since SP1 Build 13**

- AI and EPS files that were exported from OMEGA 4.0 can now be imported.
- Dimensioning fonts can be changed.
- All Backcutting modes work successfully.
- Certain DXF files with layers import properly
- Delete Cuts works more reliably.

**Install Changes**

- Users can set serial port settings when installing an HPGL device.

**Composer Changes**

- Medial axis with facets will properly generate when used on objects with multiple inside shapes, such as the number “8.”

- Imported AI, PDF and EPS files with gradients may redraw faster once opened in Composer.
- Importing of files with many named colors is faster.
- Make Stroke Same Color as Fill always sets overlap to be on.
- Certain EDGE Fonts will enter and display properly.
- Clipboard error messages have been reduced when Photoshop or other imaging programs are running with Composer.
- Pasted images that were created using “Convert to Image” will output properly.
- Double Byte text entry such as Chinese has been implemented.
- Effects, Warp and Fit Text to Path work more predictably with ReAction.
- General designing and usage is more accurate when using metric units and when switching from English to metric units.
- Guidelines, on axis and other constraints work more predictably.
- Marquis selecting of groups no longer selects other parts of the job that are not in the group.
- Memory errors should no longer occur when importing several dozen files without starting a new Composer session.
- Radial fills rotate properly when the associated shapes are rotated.
- Stroke information is now displayed in the Composer status bar.
- Traplines generate properly with ReAction.
- The POLY LINE Error no longer occurs when exporting large images.
- Underlined text can be copied from Word or other programs and pasted into Composer.
- PNG images with alpha channels report the bits per pixel properly.
- PLT files with images will have smaller file sizes.

#### GQMgr

- Invalid Object errors will not occur if GQManager is the only program running and there is no security key installed.

#### GSPPlot Changes:

- GSPPlot no longer allows an invalid Edge 2 mode.
- Backcutting / Liner cutting using the weedborder aligns better to the front-cut.
- Fast Rendering is disabled for the GERBER MAXX.
- Framing errors should be reduced on certain HPGL plotters.
- Print Option>Settings>Light and dark settings will remain preferenced.
- Large jobs will open faster and render slightly faster due to changes in the status update logic.
- Certain networked jobs with images will render faster
- HPGL plotter jobs with panels will cut all panels.
- When a friction and sprocketed plotter are both installed, the target preferences will be maintained for both types of plotters.

#### Other Changes

- New Optional GSP USB to serial and USB to Parallel cables are supported by 32 bit XP and 32 and 64 bit Windows 7 systems. Special installation of USB drivers is required. Installation Instructions are included with the USB driver download from the GSP website (<http://www.gspinc.com/default.asp?contentID=204#SOFTWARE>)
- M-table print to cut now uses 5 or 7 targets, allowing for more accurate print to cut registration. Composer M-Targets now add 7 targets. The extra 2 targets can be deleted if not needed.
- The EDGE FX can be set up to output from a remote computer.
- Truetype font converter successfully converts multiple fonts.

## ***Installation***

**Before updating or deleting any software, back up your files, fonts, libraries, clipart, and customer data.**

### **Installing OMEGA 4.0 SP1 Build 15**

- Be sure OMEGA 4.0 Build 38 or later is installed on the system. Close all OMEGA programs. Be sure the OMEGA 4.0 security key is properly installed.
- You may need administrative privileges to install this update.
- Download OMEGA 4.0 SP1 Build 15. Unzip the file to a known location. Find OMEGA 4.0 SP1.EXE and run.
- You will be prompted about running the program. Click Install. The Service Pack will install.
- You may get a screen prompting to Modify, Repair or Remove OMEGA 4.0 SP1. Click REPAIR, then click install.

Microsoft® and Windows™ are trademarks of Microsoft, Corp  
OMEGA™ and EDGE™ are trademarks of Gerber Scientific International