

SolidView 2012.0 Release Notes

SolidView 2012.0 not only improves quality and reliability, it comes with the following new features:

1. 64-bit Support

With new support for 64 bit platforms SolidView can now use more memory (*) for loading large files or for performing data intensive operations like RP Repair and RP Layout. With this type of support SolidView can perform better and more tasks before slowing its performance.

(*)Memory usage and availability are dependent on the system resources.

2. Polygon File Format (PLY) write support.

In addition to enabling users to save SolidView Documents and STL parts, we now have introduced the ability to save PLY files. These files are of particular use in RP Machines that support paint.

3. Quick Measure Tool

SolidView's current advanced measure capabilities allow users to make complex measurements. These type of measurements, however, require a particular learning curve. In order to assist new and existing users we have added this new set of tools which should make measuring tasks relatively simple. These quick measurements include: object, distance, angle, arc, edge and thickness.

4. Updated CAD Interface Support

We have updated our CAD interfaces to their latest versions. These updates also include bug fixes and enhancements. Some of the CAD interfaces we have updated are:

- Catia V5 Version R21
- Pro/E Creo 1.0
- SolidWorks Geometry and Display List 2012

Downloading and Auto Updating

SolidView 2012.0 can be obtained directly from the SolidView website*:
www.solidview.com/Support/Download

*Please note, a login is required.

Another upgrade option is through the SolidView help menu → Help [?] | Web | Check for updates

Installing, Uninstalling, and Upgrade Notes

During your installation you can choose between TYPICAL or CUSTOM installation types*:

COMPLETE installation installs all CAD interfaces (only purchased interfaces are useable) Note: Catia V5 interface requires a separate download and install.

CUSTOM installation allows you to choose which CAD interfaces to install

* this applies to SolidView/Pro and SolidView/Pro RP versions only, SolidView/Lite and SolidView do not have optional CAD interfaces available.

System Requirements

Minimum System Requirements

- Microsoft® Windows® XP Professional or Home edition (SP2 or later)
- Intel® Pentium® 4 or AMD Athlon® dual-core processor, 1.6 GHz or higher
- 1 GB RAM
- 300 MB free disk space for installation
- 1,024 x 768 VGA display with true color
- OpenGL Graphics Card

Recommended System Requirements

- Microsoft® Windows 7
- Intel Core 2 Duo E6600 2.4 GHz or AMD Athlon X2 Dual Core 4200+
- 2 GB RAM
- 300MB free disk space for installation
- 1280 x 1024 VGA display with true color
- OpenGL Graphics Card

Recent Bug Fixes

Fix - 3689 – Only able to convert object units one object at a time.

Fix - 3732 – Crash when changing render mode on large files

Fix – 3724 – Need ability to set default display time in Scenes

Known Issues and Workarounds

Defect 3552 – Define Section: X Axis to Origin showing extra section lines

Workaround: Drag the section slightly to remove extra section lines

Defect 3719 – Simple cut along object center may produce open cut.

Workaround: Slightly drag the section plane on object.

Product Release Information

2012.0 Build 1.0.4516.430