SolidView 2011 Features List

SolidView/Lite Features
- Windows Vista, XP and 7 support without special graphics hardware.
- View, measure, modify and rotate SVD files from SolidView/Pro.
- View and rotate STL, SFX, SolidWorks, and VRML CAD files.
- Prints all supported file formats.
- Assembly viewing tools.

SolidView Features
- Windows Vista, XP and 7 support without special graphics hardware.
- View, measure, modify and rotate SVD, STL, SFX, SolidWorks, and VRML CAD files.
- Edit and Save SVD files created from SolidView/Pro
- Prints all supported file formats.
- Assembly viewing tools.

SolidView/Pro Features
- Windows Vista, XP and 7 support without special graphics hardware.
- Optional interfaces for Pro/E, CATIA, Unigraphics, IGES, STEP and other formats.
- Export to STL, SVD and 2D image formats.
- View, measure, modify and rotate SVD, STL, SFX, SVD, SolidWorks, VRML, DWG, and DXF CAD files as well as popular 2D image formats.
- 3D dimensioning of edges, faces, arcs, points, objects and assemblies.
- Translate, scale, rotate, mirror, verify, copy and combine 3D data.
- Collaborative engineering review tools.
- Section Measuring – exportable to 2D DXF format.
- Scene Editing – create 3D slideshows.
- Mold analysis to highlight undercuts and draft.
- Paint Function – paint objects, faces, triangles, surfaces, cones, cylinders and shells.
- Verify STL integrity for RP applications.
- Context sensitive help.
- Prints all supported file formats.
- Assembly viewing tools.
- Floating and Stand Alone Licensing.

Note: The SolidView family of products requires that you have a video card with OpenGL support. This is the typical setup for most personal computers.

SolidView/Pro RP Features

- Windows Vista, XP and 7 support without special graphics hardware.
- Optional interfaces for Pro/E, CATIA, Unigraphics, IGES, STEP and other formats.
- Export to STL, SVD and 2D image formats.
- View, measure, modify and rotate SVD, STL, SFX, SVD, SolidWorks, VRML, DWG, and DXF CAD files as well as popular 2D image formats.
- 3D dimensioning of edges, faces, arcs, points, objects and assemblies.
- Translate, scale, rotate, mirror, verify, copy and combine 3D data.
- Collaborative engineering review tools.
- Section Measuring – exportable to 2D DXF format.
- Scene Editing – create 3D slideshows.
- Directional and compound cutting - create smaller buildable parts.
- Drain hole and Z-adjust for more accurate Stereolithography parts.
- Automatic part layout for all popular rapid prototyping systems.
- Drag and drop manual part layout.
- Shell function for creating hollow parts from solid geometry.
- Automatic and manual STL repair; delete shells, fill small gaps, re-orient triangle normals and vertices.
- Mold analysis to highlight undercuts and draft.
- Verify STL integrity for RP applications.
- Paint Function – paint objects, faces, triangles, surfaces, cones, cylinders and shells.
- Context sensitive help.
- Prints all supported file formats.
- Assembly viewing tools.
- Floating and Stand Alone Licensing.

Note: The SolidView family of products requires that you have a video card with OpenGL support. This is the typical setup for most personal computers.

SolidView 2011 File Formats

Supported 2D & 3D SolidView File Formats

SolidView/Lite - FREE
3D Import Formats

Extension(s)	Description
.sfx	SolidView Solid File eXchange data.
.sldasm	SolidWorks display list assembly data.
.sldprt	SolidWorks display list part data.
.stl	Ascii and binary Stereolithography rapid prototyping data.
.svd	SolidView Document format.
.wrl	2.0 data only.

SolidView - $99
3D Import Formats

Extension(s)	Description
.sfx	SolidView Solid File eXchange data.
.sldasm	SolidWorks display list assembly data.
.sldprt	SolidWorks display list part data.
.stl	Ascii and binary Stereolithography rapid prototyping data.
.svd	SolidView Document format.
.wrl	2.0 data only.

SolidView 2011 File Formats

Supported 2D & 3D SolidView File Formats

SolidView/Pro - $495

Import & Export Formats shown on this page are FREE with SolidView/Pro

3D Import Formats

Extension(s)	Description
.dxf, .dwg	AutoCAD Solids data up to version 2004.
.sfx	SolidView Solid File eXchange data.
.sldasm	SolidWorks display list assembly data.
.sldprt	SolidWorks display list part data.
.stl	Ascii and binary Stereolithography rapid prototyping data.
.svd	SolidView Document format.
.wrl	2.0 data only.

3D Export Formats

Extension(s)	Description
.stl	Ascii and binary Stereolithography rapid prototyping data.
.svd	SolidView Document format.

2D Import Formats

Extension(s)	Description
.bmp	OS/2 or Windows bitmap
.dxf	Autodesk Drafting Interchange
.dwg	Autocad drawing
.emf	Enhanced Windows metafile
.gif	CompuServe
.jpeg	JPEG group
.tif	Tagged Image File Format
.txt	Text document
.wmf	Windows metafile

2D Export Formats

Extension(s)	Description
.bmp	OS/2 or Windows bitbam
.dxf	Autodesk Drafting Interchange
.emf	Enhanced Meta File
.exif	Exchangable Image Files
.gif	CompuServe
.jpeg	JPEG group
.png	Portable Network Graphics
.tif	Tagged Image File Format

SolidView 2011 File Formats
Supported 3D SolidView File Formats

SolidView/Pro - $495 single user
$995 single network license (CAD interfaces additional, see below)
Optional 3D Import Formats - CAD Interfaces

Extension(s)	Description	Single User Price	Network License Price
.cat, .model, .exp	Catia V4 (all versions). Imports faces, solids (exact and mock-up), volumes, skins, polyhedral surfaces, and SKD elements. Support for ditto, line, curve, composite curve, and conic wireframe entities. Catia export and model data produced by Unix and mainframe versions of Catia.	$795	$1,595
catpart, .catproduct	Catia V5 (R7 to R19). Requires SolidView/Pro Catia V5 CAD Interface.	$595	$1,195
.iges, igs	IGES surface data, IGES 3D curve data, IGS and IGES assembly files.	$495	$995
.idi, .mca	SDRC web access data up to NX11. Requires SolidView/Pro I-Deas Web Access CAD Interface.	$195	$395
.par, .asm, .psm, .dft	SolidEdge part, assembly, sheet metal, and draft (drawing) data up to V20. Requires SolidView/Pro SolidEdge CAD Interface.	$295	$595
.prt, .asm	Pro/E V18 through Wildfire 4 surface and solids assembly and part data. Requires SolidView/Pro Granite One Pro/E CAD Interface.	$595	$1195
.prt	Unigraphics NX 3-6 (and Limited 7) part and assembly data. Requires SolidView/Pro UG CAD Interface.	$495	$995
.sat, .sab, .dwg, .dxf	AutoCAD ACIS data up to V20 (2D & 3D). Requires SolidView/Pro ACIS/SAT CAD Interface.	$295	$595
.svd	SolidView Document file data.		
.sldasm, .sldprt	SolidWorks assembly and part display list data up to V2011.		
.sldprt, .slddrw	SolidWorks drawing and part data up to V2009. Requires SolidView/Pro SolidWorks Geometry Interface.	$295	$595
.stp, .step	STEP AP203 and AP214 part and assembly data. Requires SolidView/Pro Granite One STEP CAD Interface.	$495	$995
.stl	Ascii and binary stereolithography rapid prototyping data.		
.wrl	VRML 2.0 data.		
.x_b, .x_t	Parasolids Ascii and Binary data up to V22. Requires SolidView/Pro Parasolids CAD Interface.	$295	$595

SolidView/Pro RP 2011 File Formats

Supported 2D & 3D SolidView File Formats

SolidView/Pro RP - $1,495

Import & Export Formats shown on this page are FREE with SolidView/Pro

3D Import Formats

Extension(s)	Description
.dxf, .dwg	AutoCAD Solids data up to version 2004
.sfx	SolidView Solid File eXchange data
.sldasm	SolidWorks display list assembly data
.sldprt	SolidWorks display list part data
.stl	Ascii and binary Stereolithography rapid prototyping data
.wrl	2.0 data only

3D Export Formats

Extension(s)	Description
.stl	Ascii and binary Stereolithography rapid prototyping data
.svd	SolidView document

2D Import Formats

Extension(s)	Description
.bmp	OS/2 or Windows bitmap
.dxf	Autodesk Drafting Interchange
.dwg	Autocad drawing
.emf	Enhanced Windows metafile
.gif	CompuServe
.jpeg	JPEG group
.tif	Tagged Image File Format
.txt	Text document
.wmf	Windows metafile

2D Export Formats

Extension(s)	Description
.bmp	OS/2 or Windows bitbam
.dxf	Autodesk Drafting Interchange
.emf	Enhanced Meta File
.exif	Exchangable Image Files
.gif	CompuServe
.jpeg	JPEG group
.png	Portable Network Graphics
.tif	Tagged Image File Format

SolidView/Pro RP 2011 File Formats

Supported 2D & 3D SolidView File Formats

SolidView/Pro RP - $1,495

$2995 single network license (CAD interfaces additional, see below)

Optional 3D Import Formats - CAD Interfaces

Extension(s)	Description	Singe User Price	Network License Price
.cat, .model, .exp	Catia V4 (all versions). Imports faces, solids (exact and mockup), volumes, skins, polyhedral surfaces, and SKD elements. Support for ditto, line, curve, composite curve, and conic wireframe entities. Catia export and model data produced by Unix and mainframe versions of Catia.	$795	$1,595
catpart, .catproduct	Catia V5 (R7 to R19). Requires SolidView/Pro Catia V5 CAD Interface.	$595	$1,195
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.par, .asm, .psm, .dft	SolidEdge part, assembly, sheet metal, and draft (drawing) data up to V20. Requires SolidView/Pro SolidEdge CAD Interface.	$295	$595
.prt, .asm	Pro/E V18 through Wildfire 4 surface and solids assembly and part data. Requires SolidView/Pro Granite One Pro/E CAD Interface.	$595	$1195
.prt	Unigraphics NX 3-5 part and assembly data. Requires SolidView/Pro UG CAD Interface.	$495	$995
.sat, .sab	AutoCAD ACIS data up to V18 (2D & 3D). Requires SolidView/Pro ACIS/SAT CAD Interface.	$295	$595
.svd	SolidView Document file data.		
.sldasm, .sldprt	SolidWorks assembly and part display list data up to V2011.		
.sldprt, .slddrw	SolidWorks drawing and part data up to V2009. Requires SolidView/Pro SolidWorks Geometry Interface.	$295	$595
.stp, .step	STEP AP203 and AP214 part and assembly data. Requires SolidView/Pro Granite One STEP CAD Interface.	$495	$995
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.wrl	VRML 2.0 data.		
.x_b, .x_t	Parasolids Ascii and Binary data up to V22. Requires SolidView/Pro Parasolids CAD Interface.	$295	$595