

## SolidView 2011.1 Features List



### SolidView/Lite Features

- Windows Vista, XP and 7 support without special graphics hardware.
- View, measure and modify SVD files from SolidView/Pro.
- View 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/VDA-FS, STEP and other formats.
- Export to STL, SVD and 2D image formats.
- View, measure, and modify 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-VDA, STEP and other formats.
- Export to STL, SVD and 2D image formats.
- View, measure and modify 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 2011.1 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.
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## SolidView 2011.1 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 2011.1 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

CAD Interface	Extension(s)	Description	Single User Price	Network License Price
<b>CATIA V4</b>	.session, .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
<b>CATIA V5</b>	catpart, .cgr, .catproduct	Catia V5 (R6 to R20). Requires SolidView/Pro Catia V5 CAD Interface.	\$595	\$1,195
<b>IGES/VDA-FS</b>	.vda, igs, .iges	IGES and VDA-FS surface and solid files, IGES and VDA-FS 3D curve data, IGS and VDA-FS assembly files.	\$495	\$995
<b>SDRC Web Access</b>	.idi, .mca	SDRC web access data up to 11m1 NX. Requires SolidView/Pro I-Deas Web Access CAD Interface.	\$195	\$395
<b>SolidEdge</b>	.par, .asm, .psm, .dft	SolidEdge part, assembly, sheet metal, and draft (drawing) data up to ST3.	\$295	\$595
<b>Pro/E</b>	.prt, .asm	Pro/E V16 through Wildfire 5 surface and solids assembly and part data. Requires SolidView/Pro Pro/E CAD Interface.	\$595	\$1195
<b>Unigraphics</b>	.prt	Unigraphics up to NX 7.5 part and assembly data. Requires SolidView/Pro UG CAD Interface.	\$495	\$995
<b>ACIS</b>	.sat, .sab	AutoCAD ACIS data up to V20 (2D & 3D). Requires SolidView/Pro ACIS/SAT CAD Interface.	\$295	\$595
<b>SolidView</b>	.svd	SolidView Document file data.		
	.sldasm, .sldprt	SolidWorks assembly and part display list data up to V2011.		
<b>SolidWorks Geometry</b>	.sldprt, .slddrw	SolidWorks drawing and part data up to V2011. Requires SolidView/Pro SolidWorks Geometry Interface.	\$295	\$595
<b>STEP</b>	.stp, .step	STEP AP203 and AP214 part and assembly data. Requires SolidView/Pro STEP CAD Interface.	\$495	\$995
	.stl	Ascii and binary stereolithography rapid prototyping data.		
	.wrl	VRML 2.0 data.		
<b>Parasolid</b>	.x_b, .x_t	Parasolids Ascii and Binary data up to V23. Requires SolidView/Pro Parasolids CAD Interface.	\$295	\$595
<b>Autodesk Inventor</b>	.ipt, .iam	Autodesk Inventor up to version 2011.	\$295	\$595

## SolidView/Pro RP 2011.1 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 2011.1 File Formats

Supported 3D SolidView File Formats

**SolidView/Pro RP - \$1,495**

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

### Optional 3D Import Formats - CAD Interfaces

CAD Interface	Extension(s)	Description	Single User Price	Network License Price
<b>CATIA V4</b>	.session, .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
<b>CATIA V5</b>	catpart, .cat-product, .cgr	Catia V5 (R6 to R20). Requires SolidView/Pro Catia V5 CAD Interface.	\$595	\$1,195
<b>IGES/VDA-FS</b>	.vdafs, igs, .iges	IGES and VDA-FS surface and solid files, IGES and VDA-FS 3D curve data, IGS and VDA-FS assembly files.	\$495	\$995
<b>SDRC Web Access</b>	.idi, .mca	SDRC web access data up to 11m1 NX. Requires SolidView/Pro I-Deas Web Access CAD Interface.	\$195	\$395
<b>SolidEdge</b>	.par, .asm, .psm, .dft	SolidEdge part, assembly, sheet metal, and draft (drawing) data up to ST3.	\$295	\$595
<b>Pro/E</b>	.prt, .asm	Pro/E V16 through Wildfire 5 surface and solids assembly and part data. Requires SolidView/Pro Pro/E CAD Interface.	\$595	\$1195
<b>Unigraphics</b>	.prt	Unigraphics up to NX 7.5 part and assembly data. Requires SolidView/Pro UG CAD Interface.	\$495	\$995
<b>ACIS</b>	.sat, .sab	AutoCAD ACIS data up to V18 (2D & 3D). Requires SolidView/Pro ACIS/SAT CAD Interface.	\$295	\$595
<b>SolidView</b>	.svd	SolidView Document file data.		
	.sldasm, .sldprt	SolidWorks assembly and part display list data up to V2011.		
<b>SolidWorks Geometry</b>	.sldprt, .slddrw	SolidWorks drawing and part data up to V2011. Requires SolidView/Pro SolidWorks Geometry Interface.	\$295	\$595
<b>STEP</b>	.stp, .step	STEP AP203 and AP214 part and assembly data. Requires SolidView/Pro STEP CAD Interface.	\$495	\$995
	.stl	Ascii and binary stereolithography rapid prototyping data.		
	.wrl	VRML 2.0 data.		
<b>Parasolid</b>	.x_b, .x_t	Parasolids Ascii and Binary data up to V23. Requires SolidView/Pro Parasolids CAD Interface.	\$295	\$595
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