



SVDESIGNER™
3D CONCEPTUAL MODELING
AND VISUALIZATION



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FEATURE COMPARISON				
PRODUCT VERSION	STUDENT	CLASSROOM	PRO	MINING
General				
Tutorial Manuals with Corresponding Conceptual Models Provided	Yes*	Yes	Yes	Yes
Create/Edit Models		Yes	Yes	Yes
CAD Windows Interface	Yes	Yes	Yes	Yes
Integrated Help System	Yes	Yes	Yes	Yes
Windows 7, 8 and 10 Compatible	Yes	Yes	Yes	Yes
Multi-Core CPUs, Multi-Threading & 64 bit Environments Supported	Yes	Yes	Yes	Yes
Licensed for Engineering Consulting Use (Commercial Licenses Only)			Yes	Yes
Display				
2D and 3D Views	Yes	Yes	Yes	Yes
Cross-Sectional Views	Yes	Yes	Yes	Yes
Configurable Display Features	Yes	Yes	Yes	Yes
MSAA (Antialiasing) Support	Yes	Yes	Yes	Yes
Geometry				
Define Regions		Yes	Yes	Yes
Define Surface Grids		Yes	Yes	Yes
Define Surface Meshes (TINs)		Yes	Yes	Yes
Define Polygons, Polylines, Scatter Points		Yes	Yes	Yes
CAD Drawing Functions Available		Yes	Yes	Yes
Customizable Display Features Available	Yes	Yes	Yes	Yes
Elevation and Thickness Contouring	Yes	Yes	Yes	Yes
Slurried Deposition				Yes
Advanced Construction Features Available		Yes		Yes
Import				
Import from SVOFFICE™2009		Yes	Yes	Yes
Import from SVOFFICE™5		Yes	Yes	Yes
Import from OBJ		Yes	Yes	Yes
Import from 3DS		Yes	Yes	Yes
Import from DAT (TecPlot format)		Yes	Yes	Yes
Import from Plain ASCII / CSV		Yes	Yes	Yes
Import from DEM		Yes	Yes	Yes
Import from DTM		Yes	Yes	Yes
Import from AutoCAD™ DXF		Yes	Yes	Yes
Import from ESRI grid		Yes	Yes	Yes
Export				
Export Data to Flat File (CSV)		Yes	Yes	Yes
Create SVOFFICE™5 2D Model from Geometry		Yes	Yes	Yes
Create SVOFFICE™5 3D Model from Geometry		Yes	Yes	Yes
Calculations				
Manual Data Input / Editing		Yes	Yes	Yes
Data Transformations (Translation, Rotation, Scaling)		Yes	Yes	Yes
Surface Adjustment (Planar Calculations, Overlap Testing, etc.)		Yes	Yes	Yes
Kriging (for Generating Grids)		Yes	Yes	Yes
Extrusion (Generate Surfaces from Cross-Sections)		Yes	Yes	Yes
Surface Intersections		Yes	Yes	Yes
Boundary Calculations		Yes	Yes	Yes
Volume Calculations		Yes	Yes	Yes
Filling Curve				Yes
Slicing		Yes	Yes	Yes
Surface Cuts and Excavations		Yes		Yes
Other General Features				
Artwork (Arrows, Labels, etc.)		Yes	Yes	Yes

*Student editions can view only, editing is not supported.