



# Geoscience ANALYST

## Compare versions

	Viewer	Pro	Pro Geophysics
<b>Pricing</b>			
Individual	Free	\$995/year	<a href="#">Contact us</a>
Corporate, academic, and non-profit	Free	<a href="#">Contact us</a>	<a href="#">Contact us</a>
	<a href="#">Download</a>	<a href="#">Buy</a>	<a href="#">Contact us</a>
<b>Open format data file</b>			
Read and write open format geoh5 files	Y	Y	Y
<b>Visualization and data editing</b>			
Import, visualize, annotate, save, and distribute 3D geoscientific and mining data, models, and embedded documents/files	Y	Y	Y
Object types: drillholes/wells; curves/polylines; wireframe surfaces; 2D grids; 3D block models; regular, tensor, and octree 3D grids	Y	Y	Y
Data types: scalar, vector, text, categorical, and boolean	Y	Y	Y
Tabular display of data values linked to visualization	Y	Y	Y
Map and 2D profile views	Y	Y	Y
Advanced interactive model clipping and slicing	Y	Y	Y
Drape points, curves, and surfaces on surfaces	Y	Y	Y
Texture drape geo-images and grids on 2D surfaces	Y	Y	Y
Create and edit objects in 2D and 3D	-	Y	Y
Scripting	-	Y	Y
<b>Import</b>			
AMIRA TEM	Y	Y	Y
ASCII	Y	Y	Y
AutoCAD DXF, DWG	Y	Y	Y
Datamine	Y	Y	Y
ESRI	Y	Y	Y
GeoImage	Y	Y	Y
Geosoft XYZ, GRD, GDB	Y	Y	Y
ioGAS	Y	Y	Y
Maxwell plates	Y	Y	Y
GOCAD objects	Y	Y	Y
ODBC drillhole paths	Y	Y	Y
UBC-GIF	Y	Y	Y
VP models	Y	Y	Y
SEG-Y 3D	Y	Y	Y
<b>Export</b>			
Any objects to open source geoh5	Y	Y	Y
Points, curves, and surfaces to GOCAD ASCII files (mx)	-	Y	Y
Drillholes: collar, survey, interval, and point log to csv files	-	Y	Y
Data tables export to csv	-	Y	Y
Geotiff and ers	-	Y	Y
Block Models to UBC grid and model, and ASCII csv.txt (Leapfrog-friendly)	-	Y	Y
UBC grid and model	-	Y	Y
UBC observation files	-	-	Y
VP grid	-	Y	Y

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	Viewer	Pro	Pro Geophysics
<b>Drillholes</b>			
Advanced drillhole design and targeting	-	Y	Y
Compute distance to drillholes and visualize on geological model	-	Y	Y
Desurvey drillholes	-	Y	Y
<b>Data processing</b>			
Minimum curvature gridding	-	Y	Y
Fourier domain filtering	-	Y	Y
K-means clustering	-	Y	Y
Coordinate system transformations	-	Y	Y
Gravity corrections	-	Y	Y
Trend removal	-	Y	Y
<b>Geophysical Survey Design</b>			
Ground gravity and magnetics	-	Y	Y
Airborne gravity and magnetics	-	Y	Y
DC/IP	-	Y	Y
Seismic reflection	-	Y	Y
<b>Geophysical modelling and inversion</b>			
Live connection to Maxwell	-	Y	Y
EM loop modelling	-	Y	Y
3D grid/block model designer with increasing cell size with depth and padding	-	Y	Y
Unlimited gravity, magnetic (TMI), and gravity gradient forward modelling	-	Y	Y
Unlimited gravity, magnetic, and gravity gradient inversion	-	Y	Y
Magnetic component and remanent magnetization modelling and inversion	-	-	Y
Geologically-constrained inversion	-	-	Y
Assign 3D grid/block model cells to geological units	-	-	Y
Geological contact and depth to basement inversion	-	-	Y
Physical property inversion across all methods	-	-	Y
1D EM data inversion	-	-	Y
User interface to UBC-GIF and VP Suite programs	-	-	Y
Prepare data, create 3D grids, incorporate physical property constraints and run inversions for UBC-GIF and VP Suite programs	-	-	Y
<b>Connectivity</b>			
Python API	Y	Y	Y
Live connection to Python geoapps	-	Y	Y
Live connection to ioGAS	-	Y	Y
Live connection to Maxwell	-	Y	Y
Live connection to Geoscience INTEGRATOR data management system	Y	Y	Y