

Feature	Professional - Ground Surveys only				Feature	Premium Series													
	Ground Complete	Resistivity IP	Potential Fields	Magnetics		Gravity	Magnetics	FEM	TEM	Potential Fields	Airborne FEM ¹	Airborne TEM/FEM ¹	Res / IP	CSEM CSAMT	MT/LFR	MMR	Oil & Gas	GROUND & Borehole	Complete Premium
BASIC tools					BASIC tools														
Database backbone					Database backbone	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Unlimited Survey Size					Unlimited Survey Size	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Plotting					Plotting	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Data editing					Data editing	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Raw Gravity Corrections					Raw Gravity Corrections	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Topographic Corrections for Gravity and Magnetics					Topographic Corrections for Gravity and/or Magnetics	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Data merging					Data merging	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Trend removal					Trend removal	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Co-ordinate grid translations					Co-ordinate grid translations	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Decimation filters					Decimation filters	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Stacking filters					Averaging filters	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Interpolation, Outlier filters					Interpolation, Outlier filters	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Spatial filters -1D/2D					Spatial filters -1D/2D	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		mean,median,Gaussian,spline																	
Gridding/gradient gridding					Gridding/gradient gridding	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		Local - Natural Neighbor, Shepard, Delauney																	
		Global - Minimum Curvature, Splines																	
		rectangular grid cells																	
Contouring					Contouring	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Data surfaces					Data surfaces	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3D Visualizer including CAD import/export					3D Visualizer including CAD import/export	X	X	X	X	X	X	X	X	X	X	X	X	X	X
PseudoShow					PseudoShow	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Export functions -		Data (Measured and Simulated), Images, CAD files			Export functions -	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Mapping tools -		Geotiff Import/Export, .dxf import/export, kml raster calibration, annotation, underlays			Mapping tools - Geotiff Import/Export, .dxf import/export, kml raster calibration, annotation, underlays	X	X	X	X	X	X	X	X	X	X	X	X	X	X
SURVEY STYLES					SURVEY STYLES														
ground					ground	X	X	X	X	X	X	X	X	X	X	X	X	X	X
airborne					airborne	X	X	X	X	X	X	X	X	X	X	X	X	X	X
borehole					borehole	X	X	X	X	X	X	X	X	X	X	X	X	X	X
marine					marine	X	X	0	0	X	0	0	0	0	0	0	X	0	0
cross borehole					cross borehole			0											
POTENTIAL FIELD PROCESSING					POTENTIAL FIELD PROCESSING														
total field, components, derivatives					total field, components, derivatives														
derivative calculations for arbitrary order					derivative calculation	X	X			X	X	X					X	X	X
upward continuation					upward continuation	X	X			X	X	X					X	X	X
downward continuation					downward continuation	X	X			X	X	X					X	X	X
wavelength filters					wavelength filters	X	X			X	X	X					X	X	X
Reduction-to-the-Pole					Reduction-to-the-Pole	X	X			X	X	X					X	X	X
		FFT, enhanced FFT, equivalent source																	
INVERSION					INVERSION														
Imaging					Imaging	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		Apparent resistivity inversions																	
		Sengpiel Depths for Airborne FEM																	
		Airborne TEM CDI																	
layered EM 1D inversions ³					layered 1D inversions ³														
		Smooth Overparametrized																	
		Discrete Underparametrized																	
		Thickness constraints																	
		Resistivity bounds																	
		Entire surveys																	
		TEM,CSAMT,Resistivity MultiStation, MultiComponent																	
		Section contouring and display																	
		3D volume display and slicing																	
3D inversions ²					3D inversions ²														
		Constrained Linear Inversion																	
		Inversions for Gradients																	
		3D starting model																	
		Inversion grid starting model																	
		Airborne																	
		Ground																	
		Borehole																	
		Multi dataset Inversions																	
Suite of Models					Suite of Models														
		plate suite																	
		layer suite																	
		prism suite																	
Quasi-3D for Potential Fields					Quasi-3D for Potential Fields														
		3D Extended Euler																	
		Filtering																	
		Clustering																	
		Magnetization Vectors																	
MODELLING					MODELLING														
3D Prisms					3D Prisms	X	X	X	X	X	X	X	X	X	X	X	X	X	X
2D Prisms					2D Prisms	X	X	X	X	X	X	X	X	X	X	X	X	X	X
3D Thin-Sheets - 2 algorithms					3D Thin-Sheets - 2 algorithms	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Polyhedra models					Polyhedra models	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Multiple Prisms and Polys					Multiple Prisms	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Multiple Plates					Multiple Plates	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Linear (Weak) Algorithms ²					Linear (Weak) Algorithms ²	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Non-Linear Algorithms					Non-Linear Algorithms	X	X	X	X	X	X	X	X	X	X	X	X	X	X
High Accuracy Inductive Plates					High Accuracy Inductive Plates	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Scattering Interactions					Scattering Interactions	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Frequency-to-Time transforms					Frequency-to-Time transforms	X	X	X	X	X	X	X	X	X	X	X	X	X	X
		system specific/bandwidth limited/calibrated																	
XHOLE Tools					XHOLE Tools														
Tomography					Tomography														
3D Modelling					3D Modelling														
		grounded/ungrounded electric antennae																	
		magnetic dipole antennae																	

Notes: 1: includes magnetics 2: for gravity,magnetics, CSEM, CSAMT, MT or resistivity

: Release 2018

3: for FDEM, TDEM, CSAMT or Resistivity

o : upgrade option

[X]: included feature

4: for gravity,magnetics or resistivity