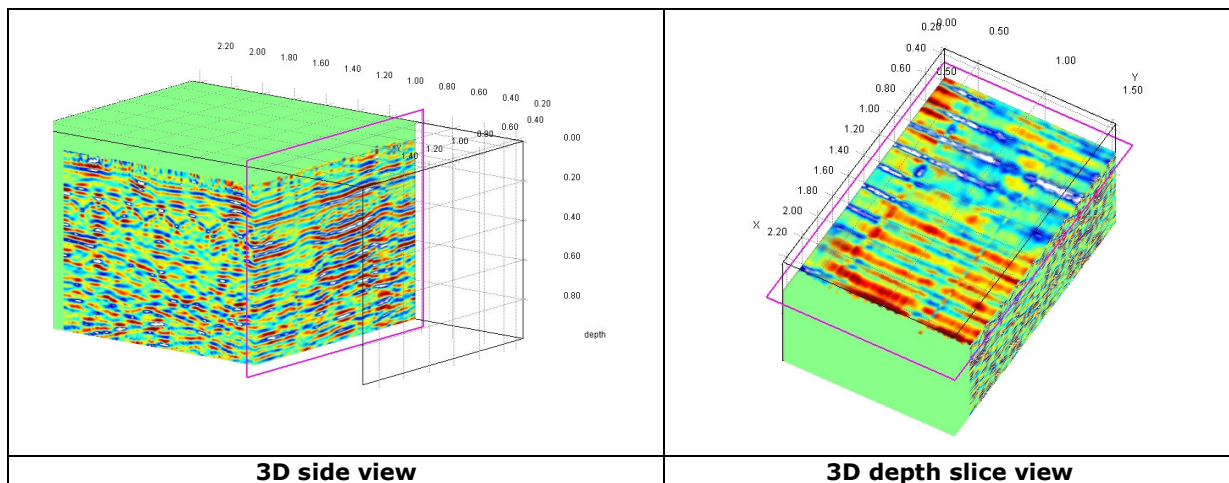


IDSGRED/S - 3D Advanced GPR Processing & Imaging Software

IDSGred/S-3D is an easy to use advanced processing software designed to be the optimal interface for the **IDS RIS** GPR system family. This software operates both with single GPR sections and with sets of homogeneously acquired single or multi channel profile data.



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| <ul style="list-style-type: none"> ▪ Easy import and processing of multi channel, multi frequency GPR data ▪ Data quality control module
This module has been designed to visualize and correct line data acquisition and position errors. Header editing allows post processing leveling and geometrical acquisition error correction. ▪ Advanced 2D filtering & processing
Time adjustment
Background removal
Horizontal bandpass filter (TD)
Substract mean (dewow)
Vertical bandpass filter (TD & FD)
Notch Filter (FD)
Hilbert transform (envelope)
Horizontal and vertical user defined filters (TD)
Migration
Power and amplitude frequency spectrum analysis and imaging | <ul style="list-style-type: none"> ▪ Flexible data handling and visualization
On screen menus permit easy line data selection and handling for visualization and processing. Radar sections can be displayed in several forms (including wiggle mode, tomography and maps-depth slices) with different palettes, scaling and zooming options. ▪ 3D data Imaging
3D data sets can be easily constructed, displayed and sliced within a 3D cube. ▪ Enhanced interpretation tools
On screen interpretation (structures, utilities, layers,...) is interfaced with 2D ASCII export capabilities for enhanced engineering interpretation possibilities. ▪ GPS location support ▪ Standard printing and image export
<i>Gred S modular design, as well as RIS family systems, allows you to grow as a function of your applications needs.</i> |
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System Requirements:

Pentium 4, M or Better (1 GHz minimum recommended)
Microsoft Windows 2000 Professional or XP Professional
256 MB RAM Minimum, SVGA—32 MB video card minimum, 30 MB free hard disk space