

Radiodetection introduces

RD1100 & RD1500 Ground Penetrating Radars

May 2016



RD1100 & RD1500



Complete
Range of
Utility
Locating
GPRs

Target Customers

- Utility locators
- Utility locators who do more than just locate and mark on the ground, eg:
 - Collect grids for complex areas
 - Save data for report generation or archiving
 - Integrate GPS
- Engineers who conduct SUE (Subsurface Utility Engineering) evaluations
- RD1000(+) owners looking to upgrade

The premier range of GPR utility locating tools

RD1100 & RD1500
Ground Penetrating Radars

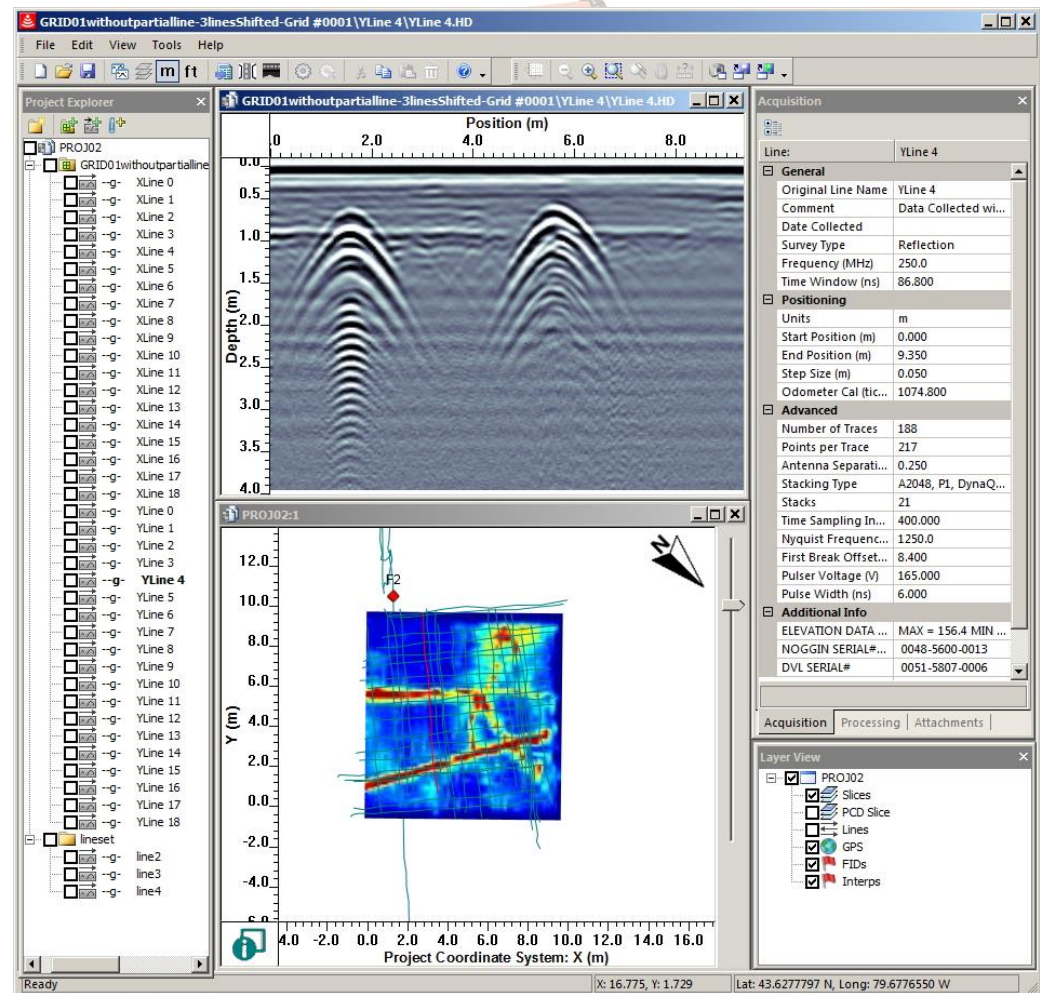
RD1500
Enhancement upgrade



RD1500 Enhancement

EKKO_Project

- PC data analysis software

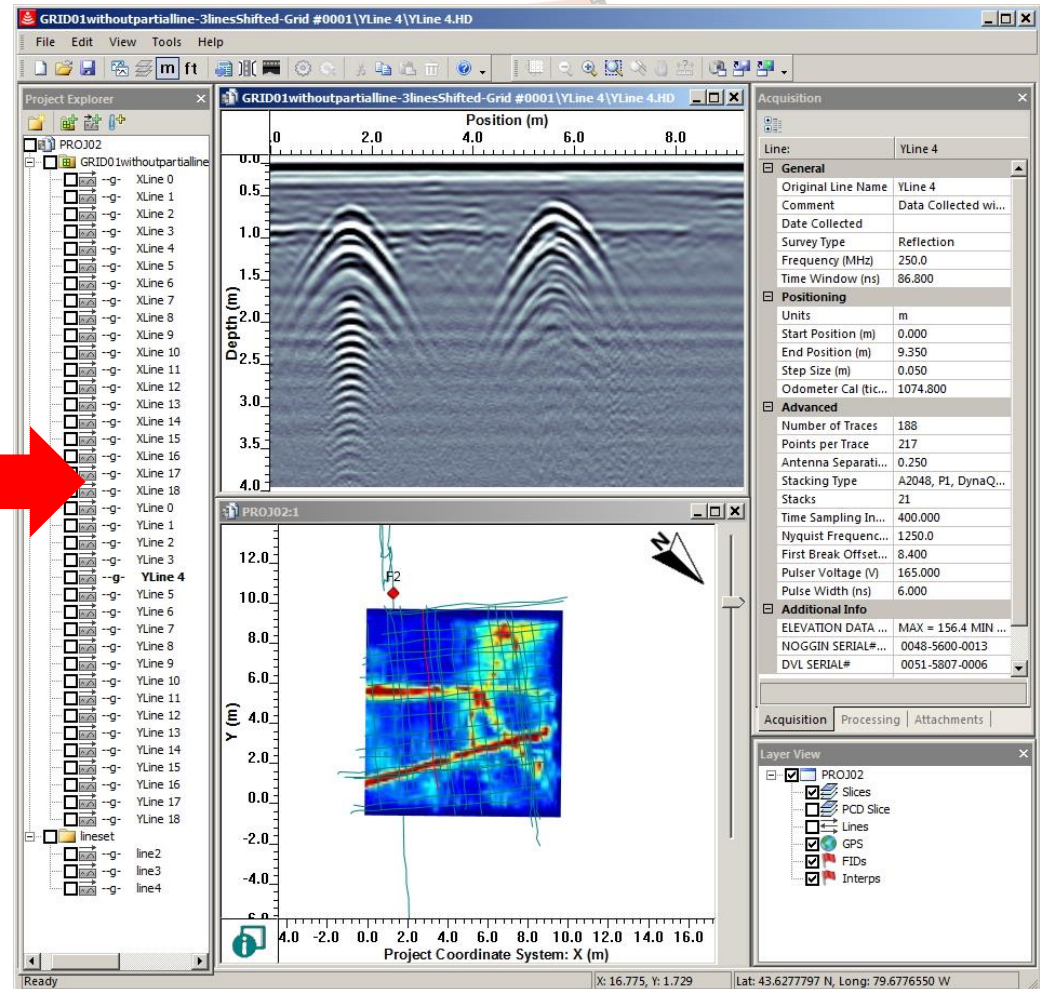


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RD1500 Enhancement

EKKO_Project

- Project Explorer
- Like Windows Explorer – see grids and line sets
- Copy, Paste, Delete lines
- See which lines have attachments (eg GPS, Interps)
- Select lines to view and process

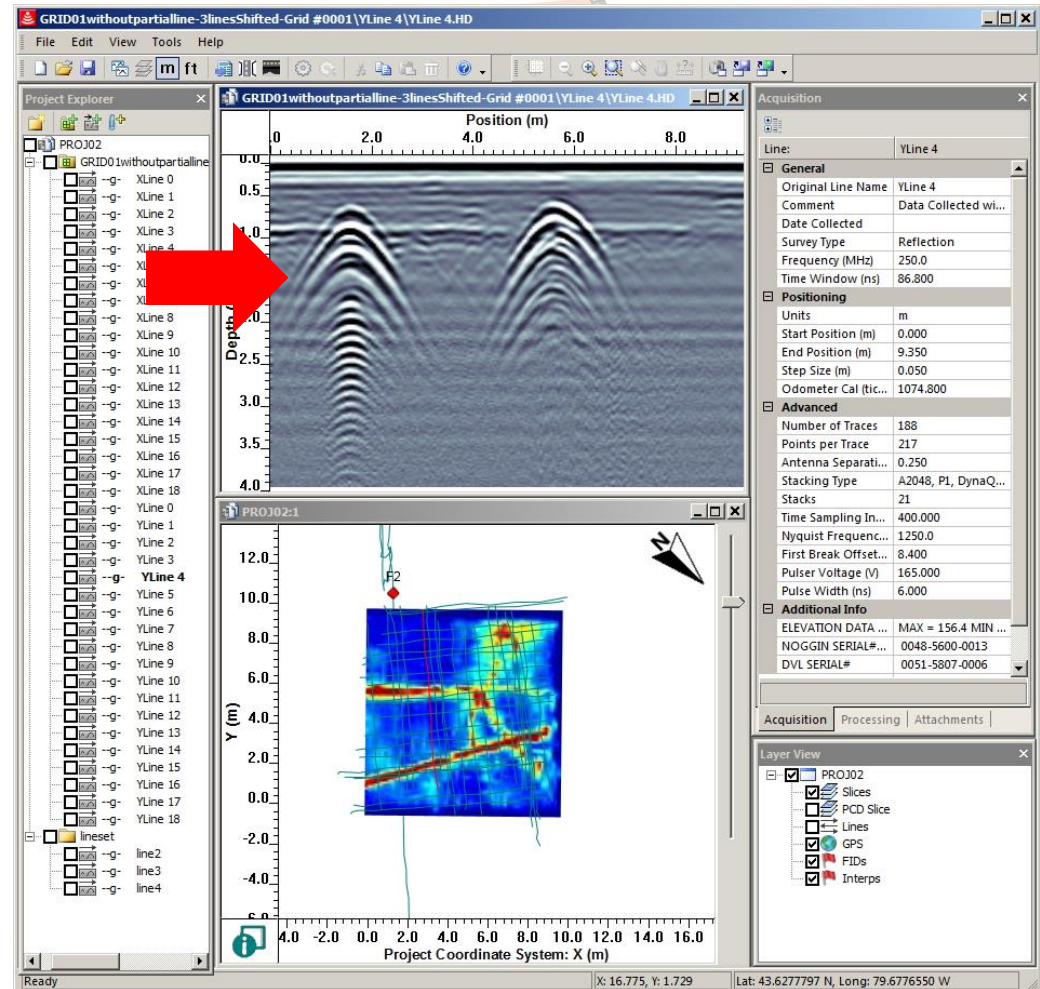


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RD1500 Enhancement

EKKO_Project

- Line Preview
- See GPR Line data using the settings from the field (Gain, filter, color palette)
- Save images to graphics file formats (JPG, PNG etc)
- Display all types of interpretations

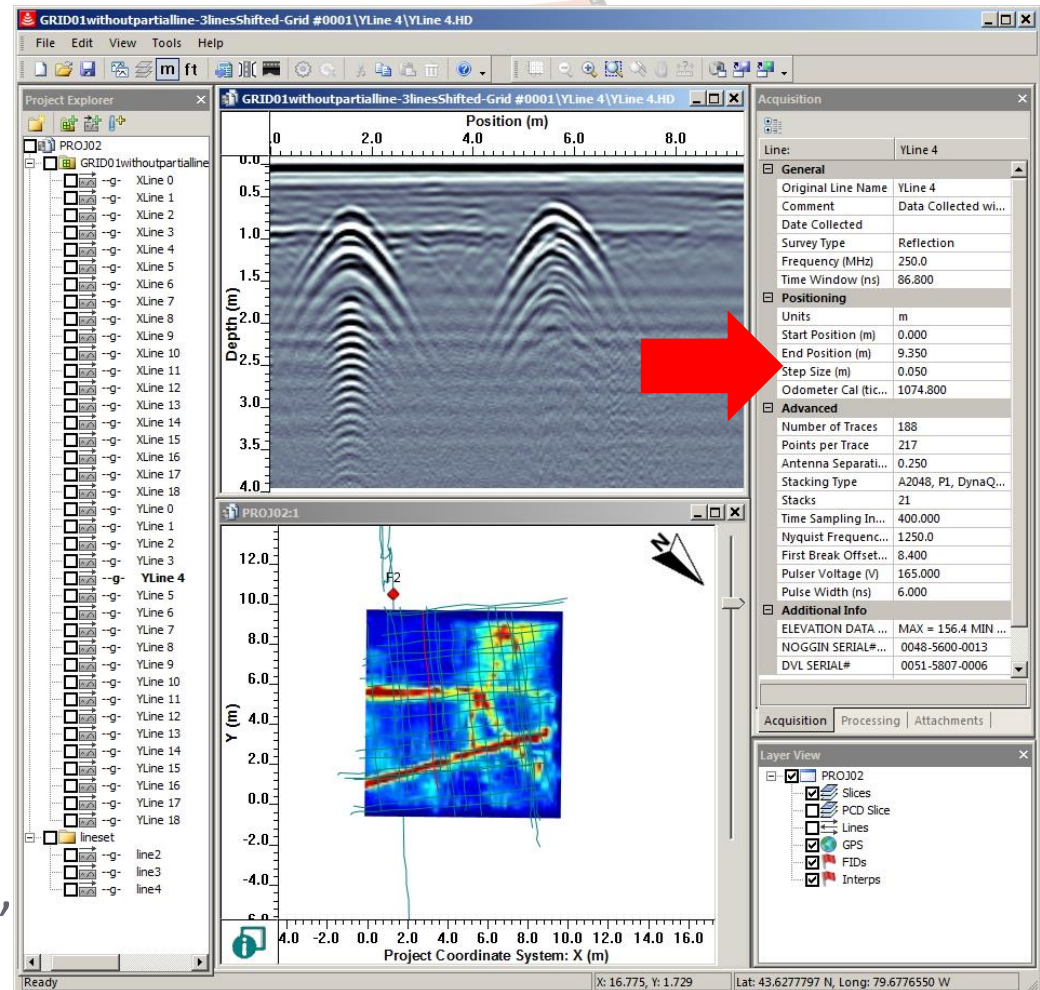


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RD1500 Enhancement

EKKO_Project

- **Properties Tabs**
- *Acquisition tab* lists detailed information about how the GPR line data was acquired (line length, frequency etc.)
- *Processing tab* lists any processing done to the GPR line data
- *Attachment tab* allows the user to attach ANY file to the data – photos, videos, voice recordings, maps, Word docs, etc

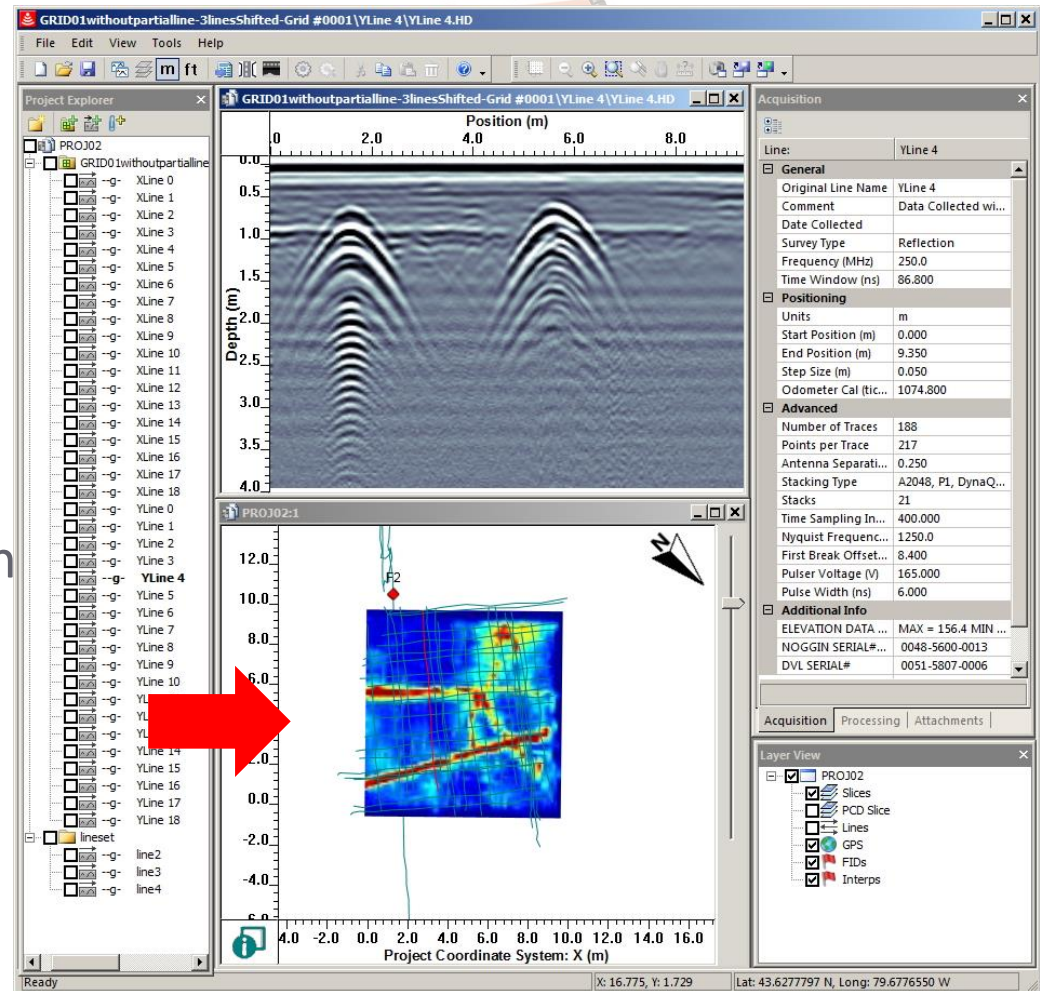


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RD1500 Enhancement

EKKO_Project

- Map View
- Shows data in plan view
- Grids and data collected with GPS
- Grids collected *with* GPS appear in the correct position
- Grids *not* collected with GPS can be moved together
- Displays Flags and Interps
- Save images to graphics file formats (JPG, PNG etc.)

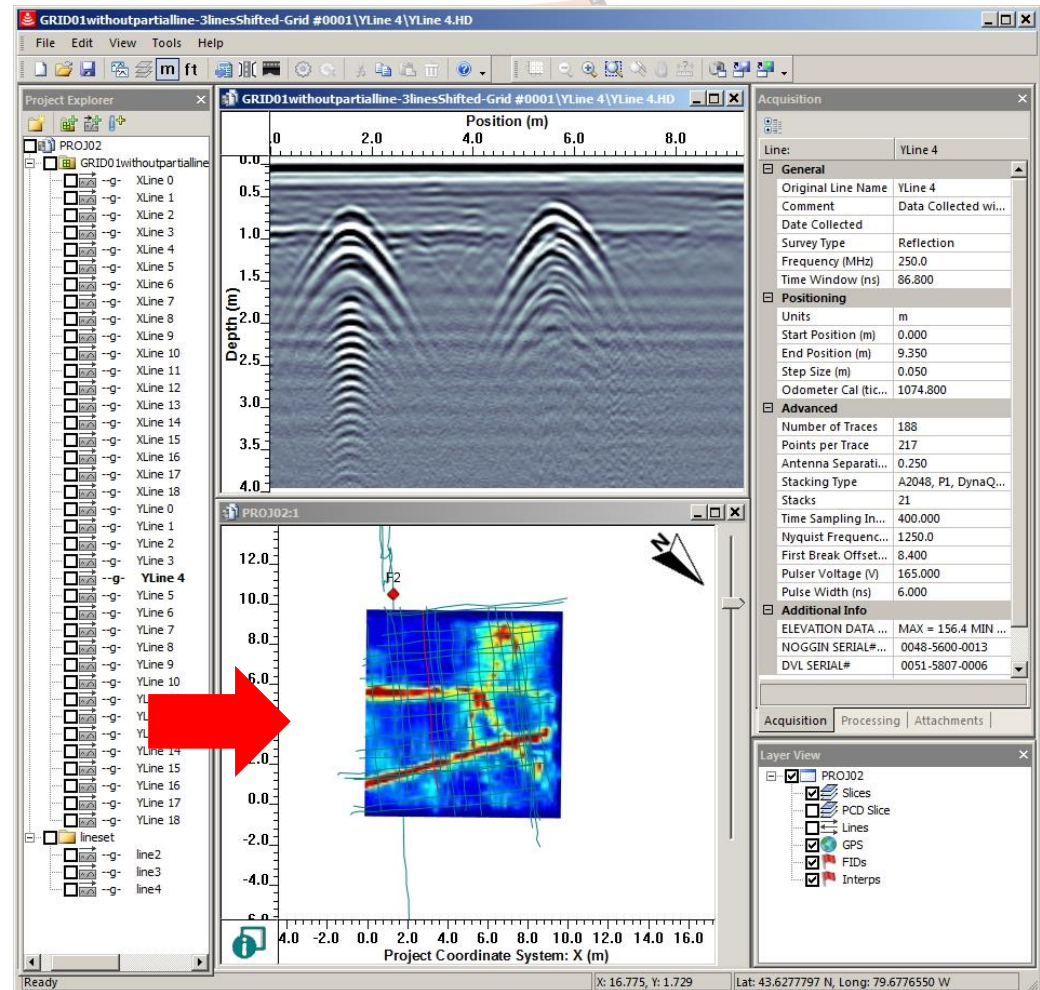


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RD1500 Enhancement

EKKO_Project

- Map View
- Enhanced owners see depth slices in MapView as soon as their data is opened.
- Slice through the data using
 - the slider bar, or
 - the mouse-wheel

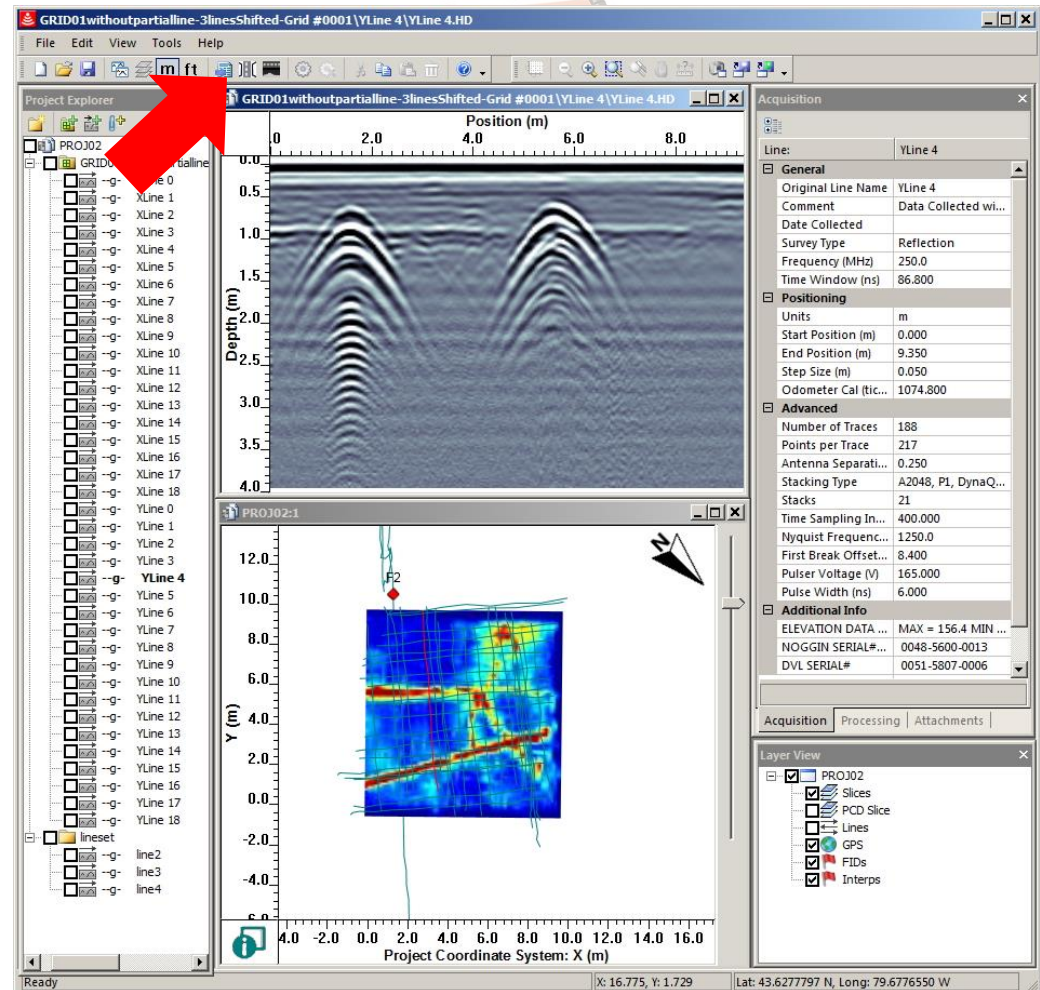


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RD1500 Enhancement

EKKO_Project

- GPR Summary Report
- PDF report includes:
Data images saved from EKKO_Project,
Screenshots and photos
attached to the project and their text and company logo
- Very strong selling feature

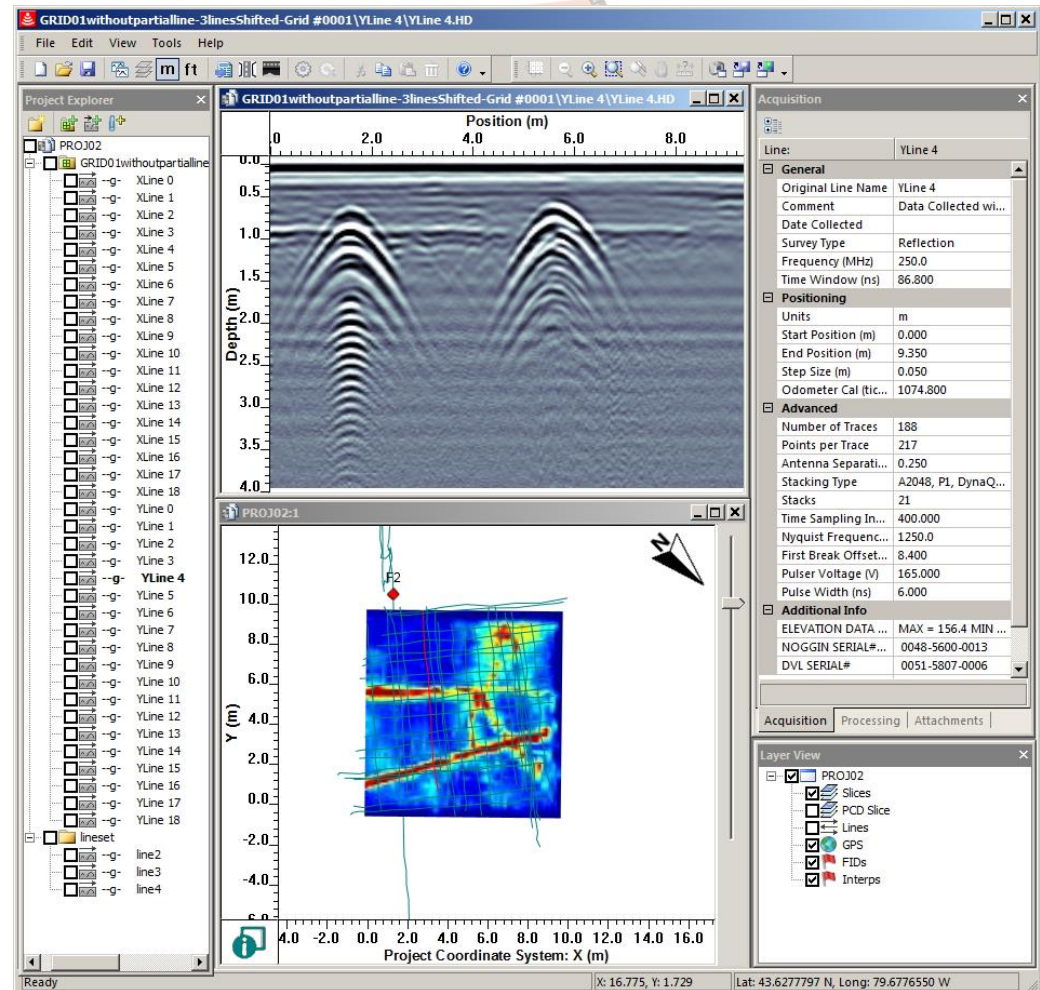


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RD1500 Enhancement

Other Features

- GPS position and latency corrections
- Merge GPR lines together
- Export data to other formats like CSV, SEG-Y etc



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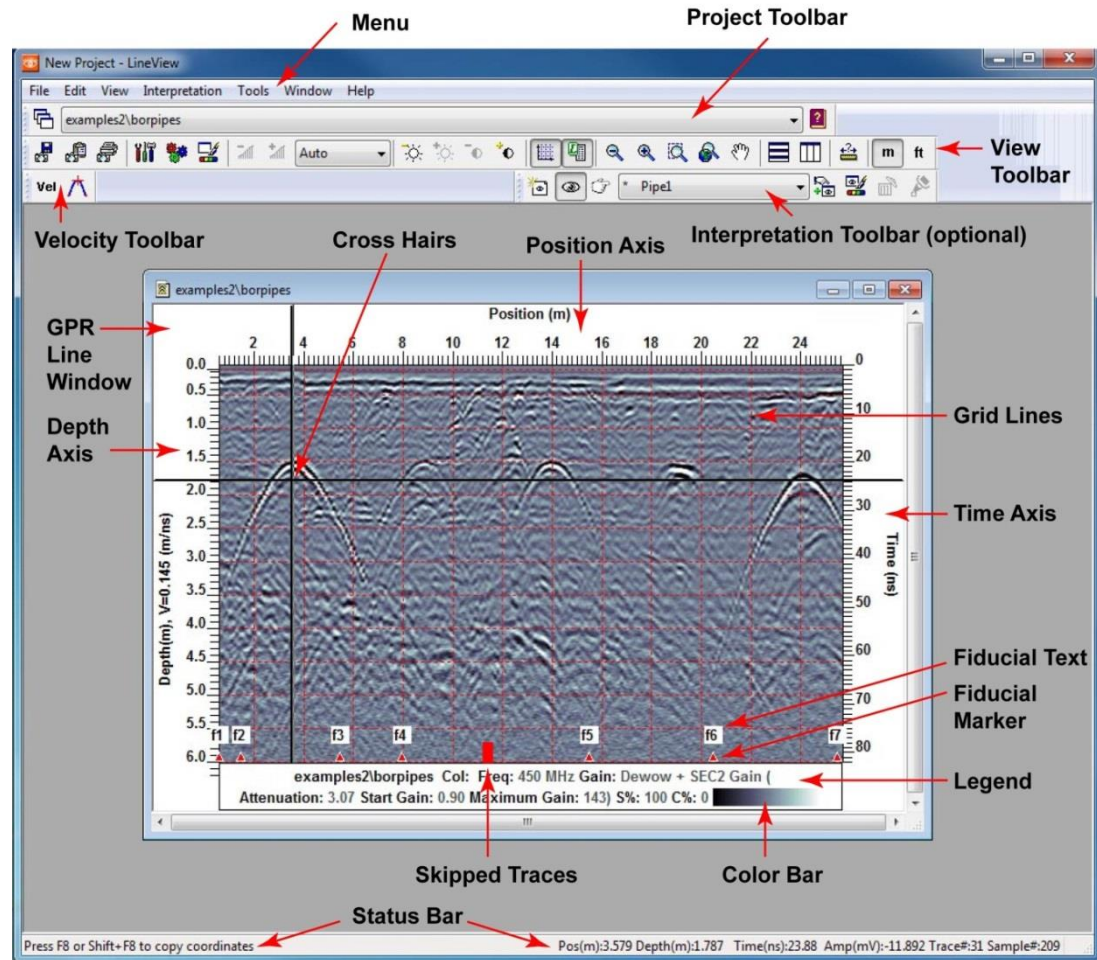
Utility Suite



RD1500 Enhancement – Utility Suite

LineView module

- Plot GPR lines
- Modify the view settings (colour palette, gain, filter etc.) to optimize the image

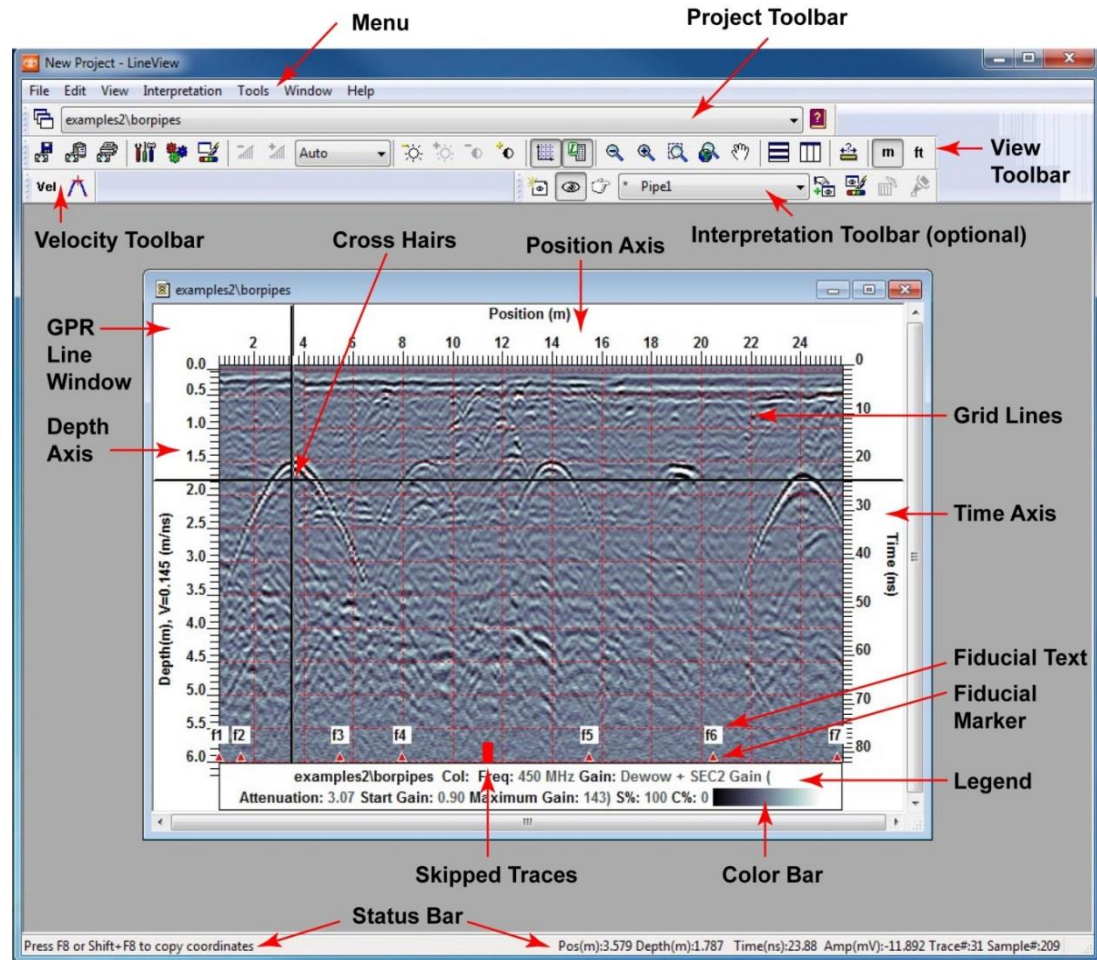


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RD1500 Enhancement – Utility Suite

LineView module

- allows user to change any of the view settings, such as color palette, gain or filter
- Corrects data for elevation
- Plots a line with a time scale
- Velocity calibration
- Multiple lines at once
- Wiggle Trace plots

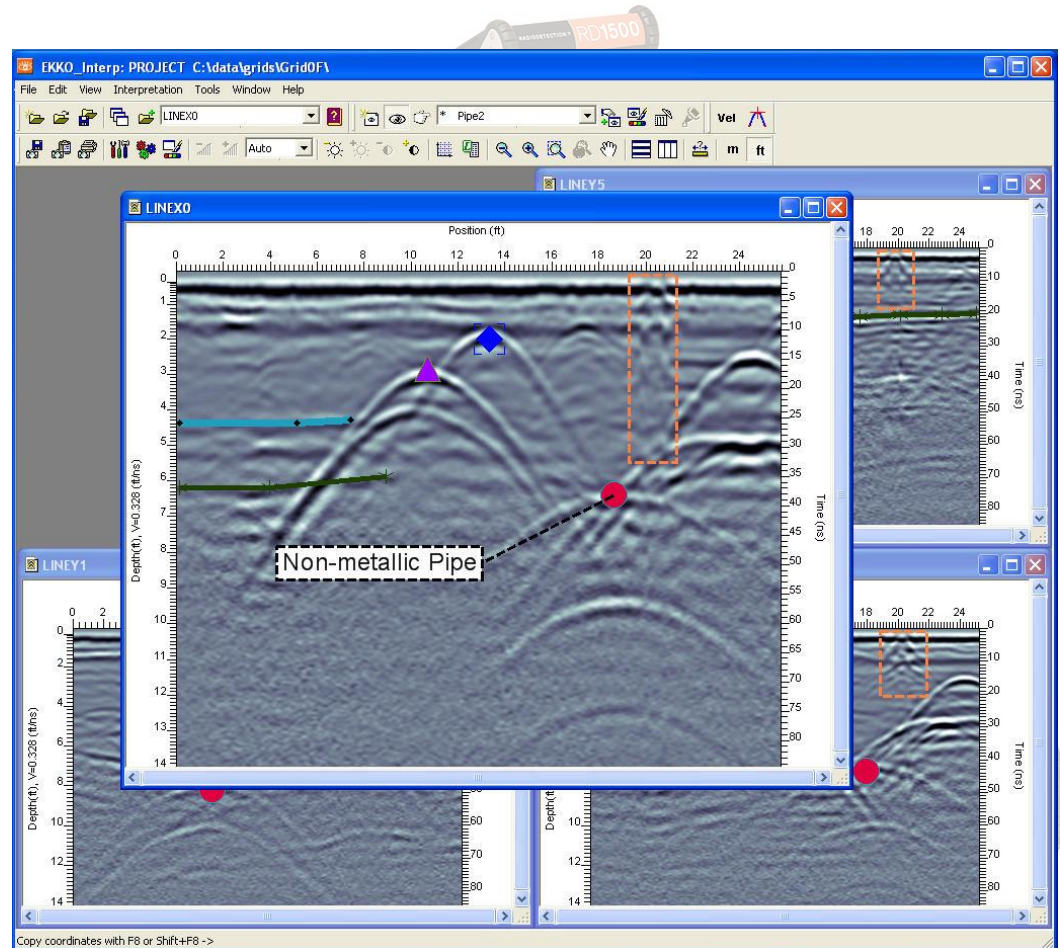


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RD1500 Enhancement – Utility Suite

Interpretation module

- Add interpretations to GPR lines (points, polylines, boxes, annotations)
- Point interpretations are displayed in Map View
- Interps can be output in various reports like Google Earth™, CAD, GIS



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Interpretation module

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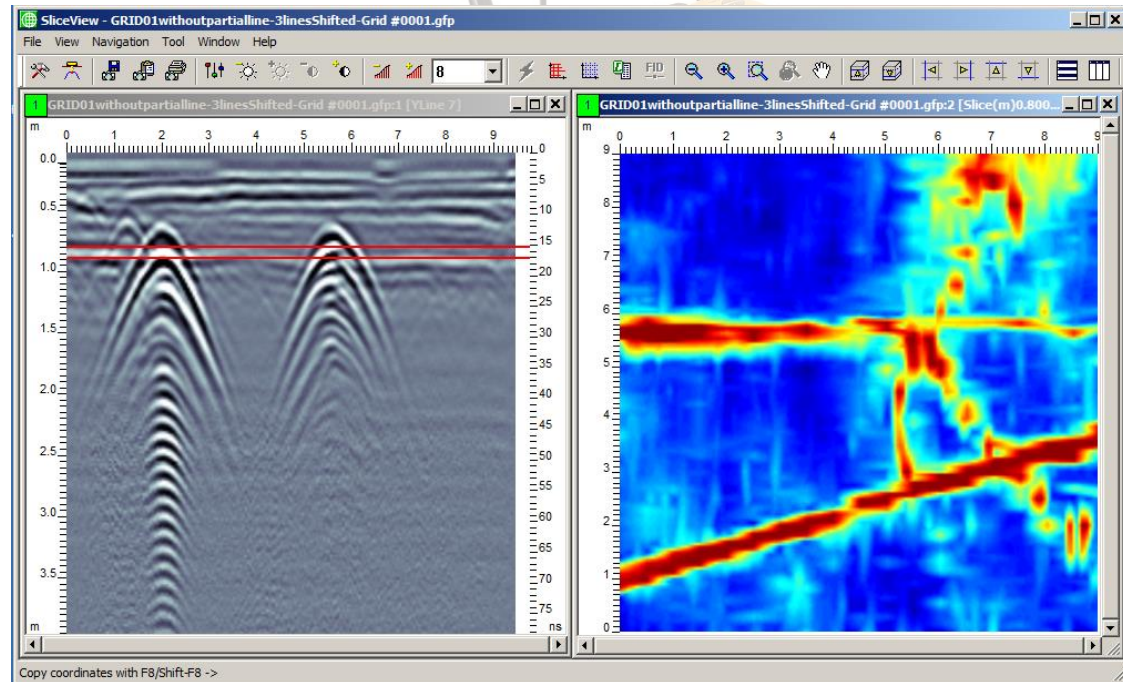


Communicating tools

RD1500 Enhancement – Utility Suite

SliceView module

- Process and display grid data as GPR lines and depth slices
- Outputs data into a 3D format for importing into 3D visualization software such as Voxler®
- Allows user to change the colour palette, gain, filter, slice thickness etc
- Outputs *Depth Slices* to Google Earth™

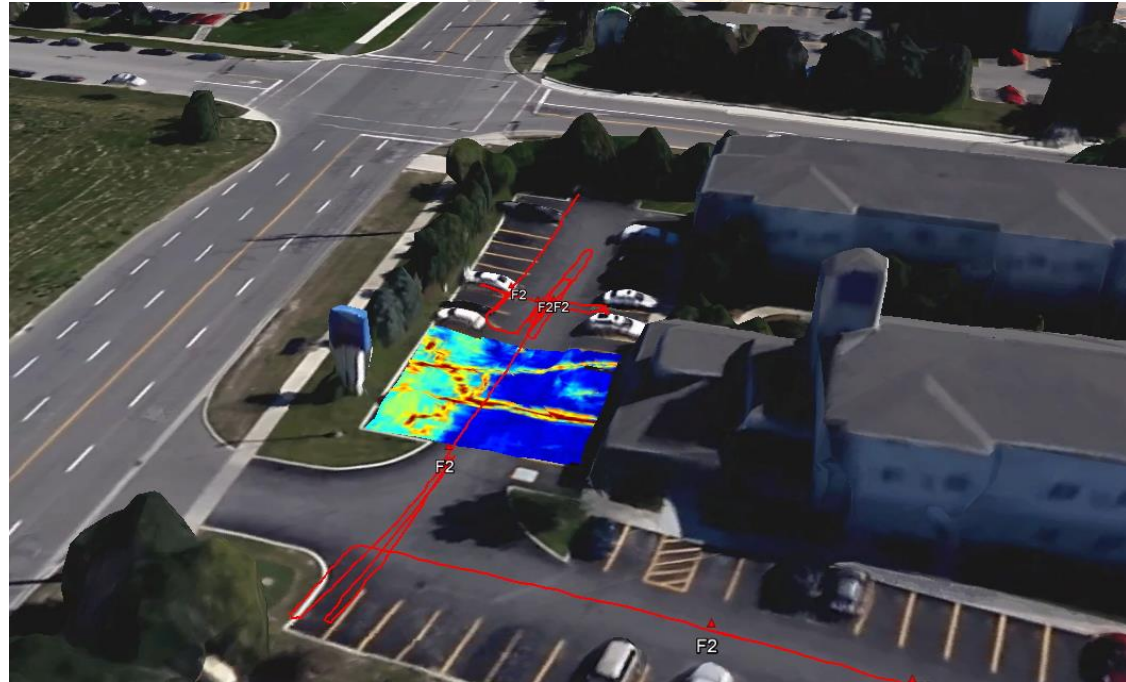


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RD1500 Enhancement – Utility Suite

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Thank you

