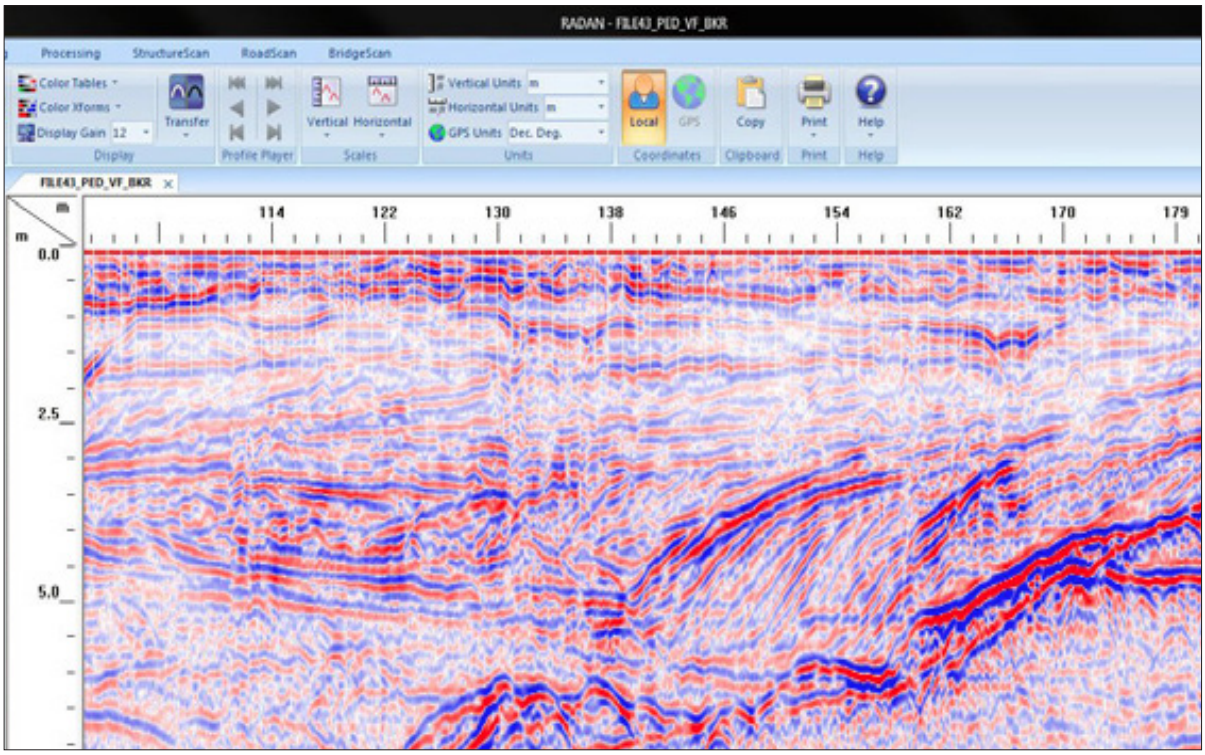
CODEVINTEC
Tecnologie per le Scienze della Terra

RADAN® 7 the Most Advanced GPR Data Processing Software



Optimized for Windows 7®, with its modular design, RADAN allows users to select the processing functions that best suit their professional needs.

Features

Built for All Levels

- Familiar Windows-based interface
- Optional application-specific modules
- On-screen help features

Manage Data

- Identify, clarify and interpret data
- Enhanced 3D capabilities
- Uncompromised data quality

Deliver Results

- Automatic GPS integration
- Generic ASCII files for simple data export

Advanced Features

- Automated processing functions for quick data interpretation
- New and improved location view with grid layout and map overlay
- Ideal for single- or multi-channel data processing

GSSI

RADAN® 7 the Most Advanced GPR Data Processing Software Optimized for Windows 7®

RADAN is Windows based, providing a familiar and easy to use environment for all levels of experience. The RADAN software features bold and intuitive menu screens and clear data views for easier interpretation and enhanced post-processing capabilities.

Customize your RADAN

Choose the RADAN modules that fit your needs

3D Module – The 3D module provides enhanced 3D viewing options in a single viewing box.

- Analyze multiple views of 2D and 3D data simultaneously
- Allows modeling along x, y and z axis
- Stretch, shrink or zoom-in on files as desired for customized presentation results
- Compatible with any and all RADAN modules

BridgeScan Module – The BridgeScan module provides robust post-processing capabilities for the condition evaluation and mapping bridge decks.

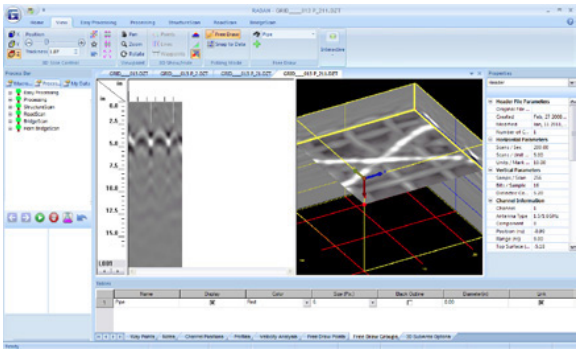
- Semi-automatic target recognition and layer picking
- Semi-automatic mapping of deterioration zones within concrete structures
- Generic ASCII output files for simple integrations with spreadsheets or other evaluation programs
- Primary application is for bridge deck condition assessments

RoadScan Module – This module provides powerful features for processing GSSI's RoadScan data, specifically, air-launched horn antenna data.

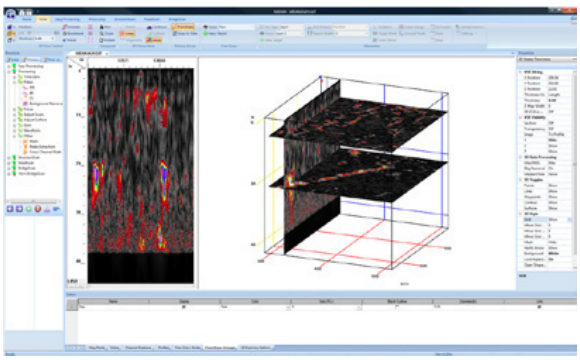
- No coring required-automatically recalculates velocity at each individual scan location
- Semi-automatic layer picking
- Customizable data output templates
- Primary application is for road assessments

StructureScan Module – This powerful module allows for easy creation of plan-view slices to aid in interpretation of StructureScan data files.

- Semi-automatic mapping of reinforcement locations and depths on simple concrete structures
- Interactive mapping of conduits or other subsurface features within concrete structures
- Typical applications are the processing of rebar and conduits, areas of deterioration, slab thickness, and voids



3D data volume created with RADAN showing PT cables lying above rebar mat.



2D and 3D data displayed in RADAN showing a roman stone foundation.

Recommended System Requirements for RADAN

- Microsoft Windows 7 (32 or 64 bit)
- Intel Core i5 (or better) processor
- 3 GB (or better) system memory
- 500+ GB hard drive with a minimum of 100 GB available space
- 256 MB Open GL 2.0 (or higher) graphics card (ex. NVidia GeForce 8000 series, or better)

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