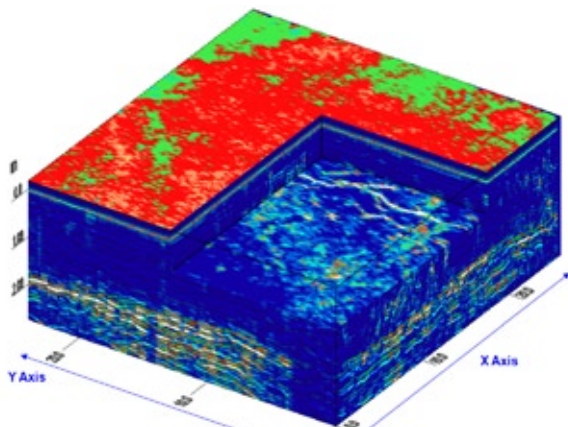


RADAN

The World's Most Advanced GPR Data Processing Software

RADAN™ is GSSI's post-processing software for GPR data. With its modular design, RADAN allows users to select the processing functions that best suit their professional needs. 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. This software also gives users a host of useful functions for more easily examining their survey sites. RADAN provides complete post-processing solutions with more ways to analyze the data than any other GPR processing software in the industry. It is the culmination of over twenty years of R&D experience.



3D data volume created with RADAN showing tree root distribution over a sandy soil horizon.

Built for All Levels

- Familiar Windows-based interface
- Application specific modules
- On-screen help features

Manage Data

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

Deliver Results

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



RADAN Solutions

Customize your RADAN: Choose the RADAN Modules That Fit your Needs

Interactive 3D—The Interactive 3D module provides enhanced 3D viewing options in a single viewing box.

- Analyze multiple views of 2D and 3D data simultaneously
- Draw in or edit shapes that relate to your survey site (i.e. pipes, drums, lines)
- Stretch, shrink or zoom-in on files as desired for customized presentation results
- Can be used with any and all RADAN modules

Structure ID—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
- Semi-automatic mapping of deterioration zones within concrete structures
- Typical applications are the processing of rebar and conduits, areas of deterioration, slab thickness, and voids

Bridge Assessment—The Bridge Assessment 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

Road Structure Assessment—This module provides powerful features for processing GSSI's air-launched horn antennas used for collecting pavement data at highway speeds.

- No coring required- automatically recalculates velocity at each individual scan location
- Semi-automatic layer picking
- GPS integration- external data logger accepts data from any GPS producing a NMEA GCA output
- Primary application is for road assessments

BallastVue—The BallastVue module provides enhanced processing for ballast condition assessment.

- Automatic calculation for degree of ballast fouling
- Generic ASCII output files for simple integrations with spreadsheets or other evaluation programs
- Primary application is for railroad ballast condition assessment

Recommended System Requirements for RADAN

- Microsoft Windows Vista Business (32 or 64 bit)
- 2.0 GHz or better Dual Core or Quad Core Processor
- 2 GB or better of system memory
- 200+ GB hard drive with a minimum of 100 GB available space
- USB Port required for hardware security key
- 256 MB Open GL 2.0 Graphics Card (ex. NVidia GeForce 8000 series or better)

Minimum System Requirements for RADAN

- Microsoft Windows XP
- 1.0+ GHz Pentium 4
- 512 MB or better of system memory
- 40 GB hard drive with a minimum of 20GB available space
- USB Port required for hardware security key
- 32 MB Graphics card running in 32-bit color mode that supports Open GL and has up-to-date video drivers. We recommend NVidia GeForce or higher chipsets

