

# DECIFER

GPR TRAINING SYSTEM

**For companies that need a high quality GPR concrete scanning training program.**

The Decifer GPR scanning Simulator reduces the time required for a new GPR technician to become proficient in concrete GPR scanning methodology. Unlike training delivered on-site in conjunction with an experienced technician, Decifer provides a fast, repetitive learning experience which closely emulates real world concrete "problems". Decifer is a full featured training package which is a complementary tool for basic training programs and ongoing remote mentoring.

Since incorporating in 2001, Terraprobe Geoscience has completed over 10,000 GPR projects covering a wide spectrum of applications. As a GPR service provider we quickly came to realize that training new technicians was largely left to our "in-house" programs. As we developed our training approach, we wrestled with the fact that the only way to provide training on the multitude of real world challenges we face, was to send our trainees along with senior technicians on real projects. This creates a number of issues including cost and long, inconsistent training timelines.

As a result, we developed the Decifer GPR Simulator software utilizing over 30 years of accumulated field experience, technicians with educational backgrounds in civil engineering and geology as well as doctorate level research in the GPR domain. All of this experience is used to create a realistic methodology for learning and practice for GPR concrete scanning technicians.

## GPR CONCRETE SCANNING TRAINING SYSTEM

### Easy to Use - Fully Featured

- Intuitive design means little time spent to learn to use the software.
- Limitless, randomly generated scanning "Problems" with user selectable 'in-slab targets.
- The generated pattern is unknown to the trainee until the "Display Solution" button is selected.
- Completed problem solutions may be saved and sent for review by qualified technician.
- Allows for variable Radar System Setup scenarios - antenna frequency, permittivity, time window and more.
- Highly Realistic Radargram Generation.

### Graduated training Methodology

- Learning is done in graduated levels.

### In Slab Targets Available (more coming)

**Rebar:** Top, Bottom, Some Stopping, Variable Quantity, Random or fixed orientation

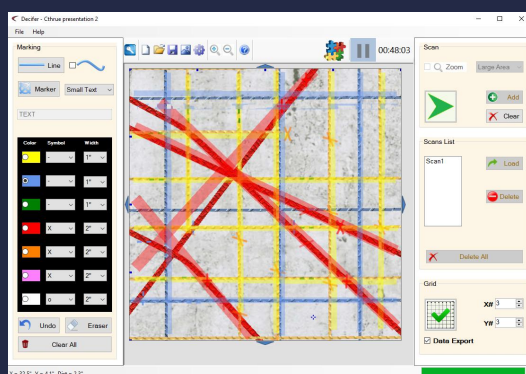
**Wire Mesh:** Various density

**Conduits:** Variable Quantity, Depth Changes, Curved or Straight

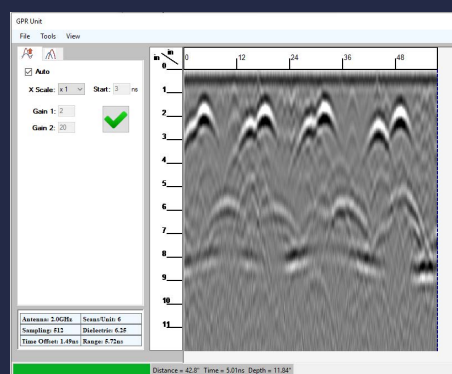
**Slab Type:** Suspended, On-Grade, Q-Deck (various channel widths), Fixed or Random Thickness  
Slab Band, Beams

### Suitable for Testing/Certification

Contact us for more information.



2D "Line Scan" Simulation Pattern Screen



Simulated Radargram screen showing scan line result

CONTACT US FOR ADDITIONAL INFORMATION:  
**833 - 232 - 4337**

Contact us at:  
[sales@decifergpr.com](mailto:sales@decifergpr.com)

[www.DECIFERGPR.com](http://www.DECIFERGPR.com)  
Toll Free (+1) 833-232-4337