

PETALS TRAINING SUPPORT TOOL

The PETALS training support tool assists instructors in teaching deminers to build and reason about metallic signatures. A metallic signature is the outline of an electromagnetic field belonging to a buried metallic object. Since a metallic signature is roughly proportional in size and shape to the buried metallic object, mentally visualizing metallic signatures provides useful information to the deminer.

To use PETALS, set the overhead camera to overlook the practice cell. The trainee uses a trigger held in his free hand to actively mark edges of the signature.

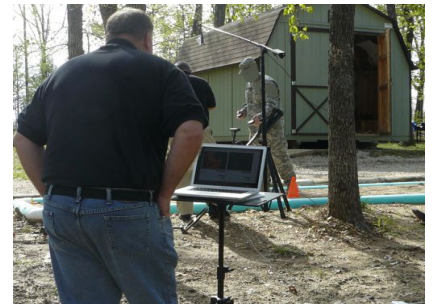


CAPABILITIES

1 Instructor can see trainee sweep trajectories and collected edges instantaneously



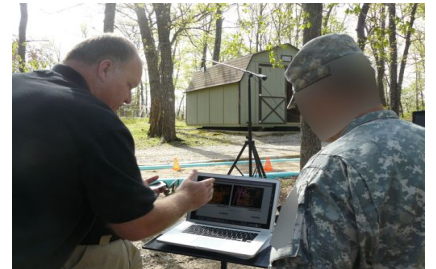
2 Instructor can choose to view trainee progress remotely



3 Instructor can monitor multiple trainees on the remote console



4 Patterns can be saved and retrieved for the trainee to inspect



5 Peers can observe colleagues in action



6 Instructor can build example signatures for teaching purposes

