

Slide 1



> Conditions for the successful introduction of technology

- > Needed by the user
- > Development of the technology must be complete
- > A competent manufacturer must be involved
- > It should be affordable
- > Sustained quantities of the equipment as well as funding to operate it must be provided

Slide 2



> Successful integration of COTS

- > GPS and GIS systems are greatly assisting in survey and post clearance documentation
- > Testing and evaluation standards have now become normative and the results from tests are publicly available
- > Metal detectors have improved both in terms of reliability and performance



> Advantages in improved metal detector technology

- > Improvement in Probability of Detection (PoD)
- > Improved ground compensation capability
- > Improved discrimination of scrap metal
- > Reduced False Alarm Rate (FAR)
- > = faster, safer and more efficient survey and clearance operations



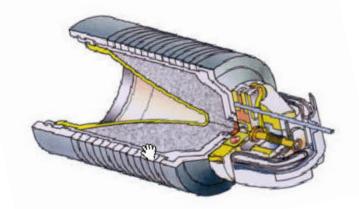
> Recommendations

- > Visit the field
- > Think systems and how the technology will be integrated into operations
- > Demining machines not necessarily appropriate for bomblet clearance
- > Focus on key issues that are achievable and appropriate
 - > Area Reduction
 - > Close in Detection
- > Collaborate effectively with donors, users, and manufacturers



>Minimum metal mines and explosive sub-munitions





Slide 6













>"Signature metal detectors"

- > Will not replace the existing fleet of EMI detectors, magnetometers and magnetic locators
- > Only for special circumstances
 - > Clearance of explosive sub-munition strikes
 - > Decommissioning of military firing ranges
 - > Technical Survey and Forensic investigations
- > Need to know what targets to expect
- > No AP mines present in SHA



>Results from calibration trials

