



Critical Solutions
International



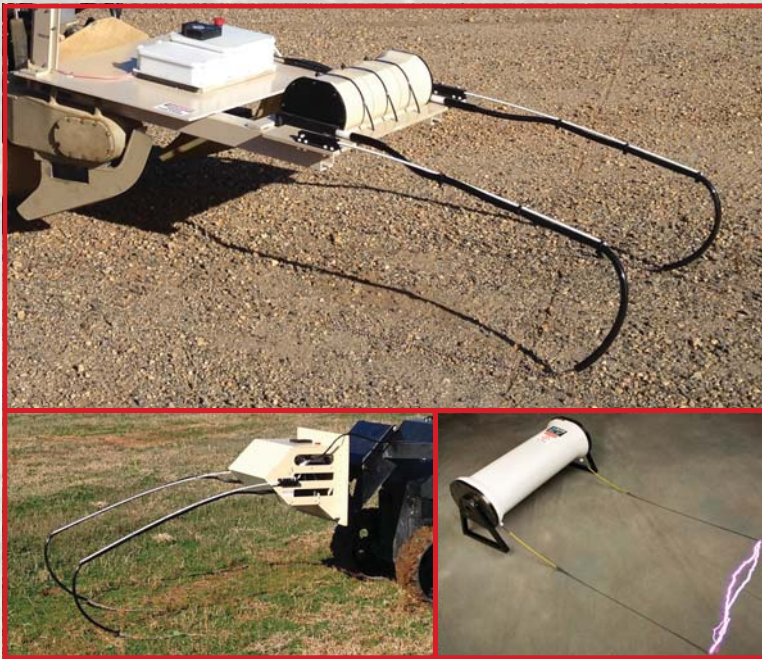
XAP[®]

IED MITIGATION DEVICE

CONFIRMED? UNDETECTED? CLEARED.

XAP® COUNTER-IED SYSTEMS

Critical Solutions International (CSI) and its partner, Xtreme Alternative Defense Systems (XADS), propose to radically enhance IED clearance mission effectiveness and survivability by introducing Xap® Counter-Improvised Explosive Device (C-IED) technology. Xap® is an affordable, game-changing C-IED technology that allows threat clearance and remediation teams to reliably pre-detonate **undetected, suspected, or confirmed IEDs** from a safe stand-off distance.



BENEFITS

- Xap® technology is highly scalable, allowing systems to be configured for any application or mission:
 - ▶ Variable pulse rates and energy output optimize performance at any clearance speed.
 - ▶ Energy waveform and emitter configurations can be tailored for both route clearance and area clearance operations.
 - ▶ A wide range of available sizes guarantees proper integration on any vehicle, trailer, or robotic platform.
- Xap® systems complement the detection and marking capabilities of a conventional C-IED equipment package with an ability to perform rapid mitigation, dramatically reducing the find-to-mitigate timeline from hours to minutes.
- Xap® is superior to hazardous conventional explosive countermeasures, in that it targets the initiator of the IED itself. This enables the operator to maximize stand-off distance and safely mitigate suspected or confirmed threats by targeting the initiation mechanism regardless of its proximity to the main charge. Xap® systems also have sufficient stand-off range and power to safely detonate linked or daisy-chained devices.

DESCRIPTION

Xap® is designed to conduct a high-energy electrical pulse to the explosive initiator of any IED. The system consists of an auxiliary power unit (APU), auxiliary control unit (ACU), a proprietary Xap® pulse generation module, and the emitter arm assembly. System mounting bracketry and emitter arm assemblies are modular and can be integrated on any host platform, ensuring maximum performance in all threat environments.

ABOUT CSI

Founded in 1999, Critical Solutions International (CSI) provides platforms that detect and mitigate evolving threats for security forces worldwide.



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XADS
Xtreme Alternative Defense Systems

This product is provided in collaboration with CSI's trusted C-IED technology partner, XADS.