CHELTON

Why settle for just metal?

See everything using detectors equipped with both metal detection and Chelton's Ground Penetrating Radar sensors.

How reliable is your detection? You may be fast and accurate, but are you sure you picked up everything? The enemy has adapted and now hostiles are one step ahead with IEDs evading traditional metal detection.

Chelton has leading edge expertise in developing advanced Explosive Ordnance Detection (EOD) systems using Ground Penetrating Radar (GPR) to support counter-IED and mine clearance operations. The high performing GPR sensors can detect objects that would typically evade metal detection such as those made from plastic or wood.

Go deeper
Ground Penetrating Radar sends signals 33% deeper underground than traditional metal detectors to pick up both metallic and non-metallic objects.

Trusted by many
Our GPR sensors can be found on Vallon detectors, one of the world's leading manufacturers of Explosive Ordnance Detectors and are trusted by the British Forces, US Marine Corps and the HALO Trust.

Wire Detection
The GPR sensor in VR1 Wirehound is optimised for wire detection and can detect wires in any orientation from just 10cm in length.

User friendly
Visual, audible and haptic feedback provided on VMR3G enables the user to easily distinguish between GPR and metal detection mode.

Modular & Scalable
Modular and scalable, Chelton's GPR sensors can be integrated easily onto a range of tactical robots and vehicle platforms.

On Going Support
Our experts can be on hand at your base or site to get you to grips with the detectors. We can also offer support from the British MoD to train your search operators.

chelton.com/EODs

Model	Description	Find out more
VMR3	**"Minehound" Dual Sensor Detector** Ideal for the simultaneous detection of metal and metal-free objects.	
VMR3G	**"Minehound" Dual Sensor Detector with Integrated Graphic Display** Built on the VMR3 architecture, the VMR3G adds a full colour display with clear MD and GPR targets.	
VR1	**"Wirehound" Cable Detector** Specifically developed to identify small wires and metal free components of IEDs using only GPR..	
AMULET	**AMULET GPR QuadPack** For mounting onto tactical robots and vehicular platforms such as UGV and UAS.	

For Sales and Technical queries, please contact Daniel.Goodliffe@chelton.com