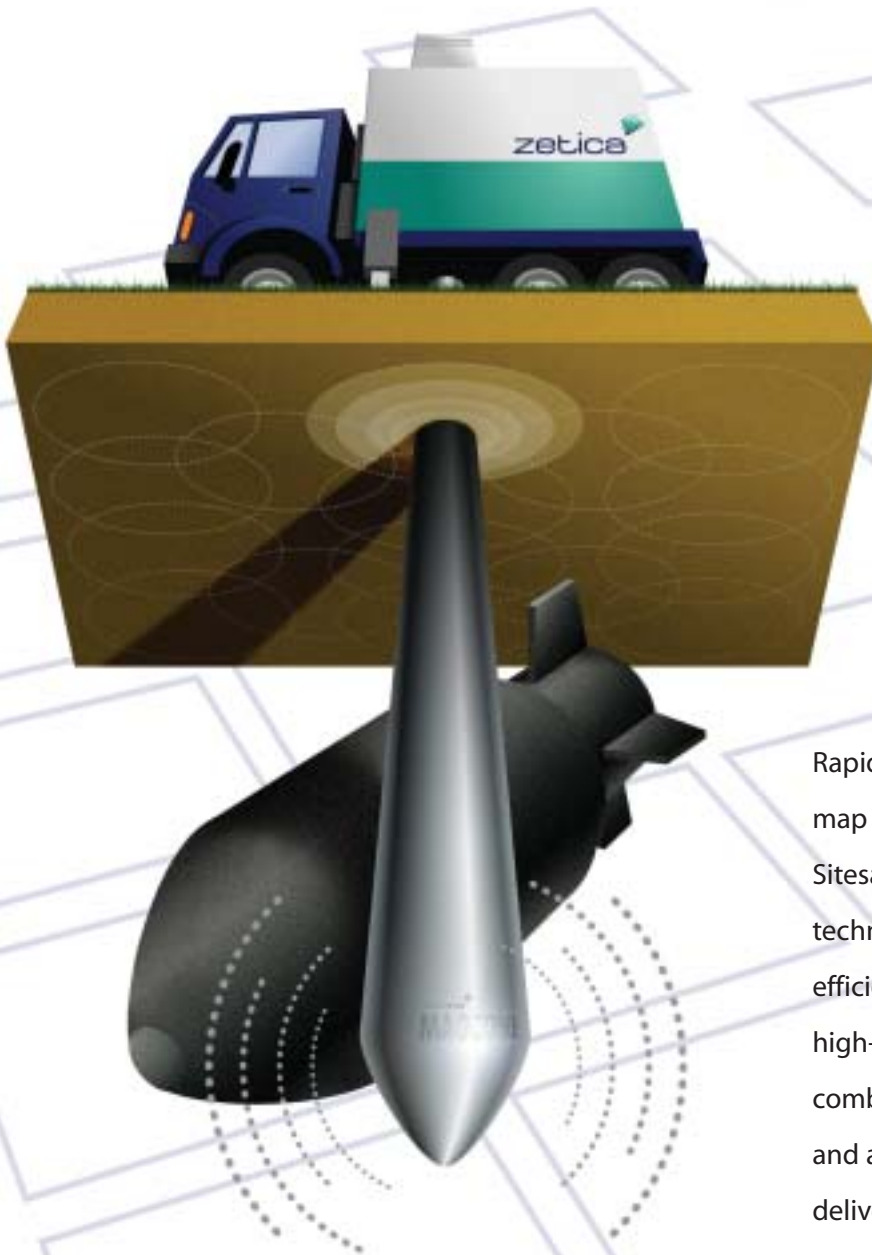


ADVANCED SENSOR TECHNOLOGY THAT GETS DOWN TO ACTION

STAY ON SCHEDULE AND REDUCE THE COST OF HAZARD DETECTION



Rapidly detect unexploded ordnance and map in-ground structures using Zetica's Sitesafe service. Our MAGCONE leading-edge technology combines the most robust and efficient ground-probing system with a high-resolution magnetometer. This unique combination enables exceptional productivity and associated cost savings, ensuring you deliver projects on time and on budget.

FEATURES

- High productivity – a fast and effective service
- Proven reliability in all site conditions
- Robust design coupled with unique, industry-leading technology
- Efficient identification of unexploded bombs (UXB), other hazards and in-ground features
- Flexible – combines with standard cone penetration tests for piling design

THE PROFESSIONAL CHOICE

Zetica's Sitesafe service helps to reduce and manage the underground risks faced by brownfield developers, house builders, construction contractors and consultants. Our MAGCONE probing system clears the way for piling, excavation and tunnelling by confirming a site is safe from unexploded ordnance. Obstacles can be avoided by using the information to modify pile location plans or to conduct a bomb clearance programme if necessary.

Sitesafe is a vital service for the redevelopment of brownfield sites and locations where ordnance or buried obstructions may pose a special risk – such as sites that were subjected to wartime bombing, and former military ranges.

The MAGCONE system uses truck-mounted hydraulics to drive a magnetometer into the ground. The magnetometer senses variations in the subsurface materials and relays these to a geophysicist in real time. This high-resolution method can identify metal targets to depths exceeding 20 m in soft sediments. MAGCONE uses a specially toughened alloy probe that allows faster rates of penetration than other systems. The significant time savings achieved using this technology are passed onto site developers.

Advanced processing provides the option of producing a detailed 3D model of site hazards. Zetica's continuing commitment to research and development ensures that it leads the field in survey and clearance technology.

A FOUR-STEP PROCESS



1. Risk assessment and method statement from a qualified explosive ordnance clearance (EOC) operative.



2. Surface geophysical survey to allow shallow groundwork. This can detect shallow unexploded ordnance and map obstructions.



3. MAGCONE detects UXBs and obstructions on piling layout to the no-risk depth.



4. Any UXB detected can be dealt with by our EOC engineers and a Clearance Certificate then issued for the site.

OTHER SERVICES

The MAGCONE probe can be combined with conventional cone penetration tests to offer even greater value. MAGCONE is also available for use offshore and can be applied at radioactive sites. Zetica also offers adapted MAGCONE technology for use in limited access areas and in directionally drilled boreholes.

GUIDE TO UXB OCCURRENCE

Contact us for a free copy of a "Geographic Guide to UXB risks on mainland UK".



zetica

Holdan House, 26 Bridge Street, Witney, Oxfordshire OX28 1HY, UK

tel: +44 (0) 1993 706767 fax: +44 (0) 1993 773040

email: info@zetica.com <http://www.zetica.com>

Zetica is a brand name of Geo-Services International (UK) Ltd