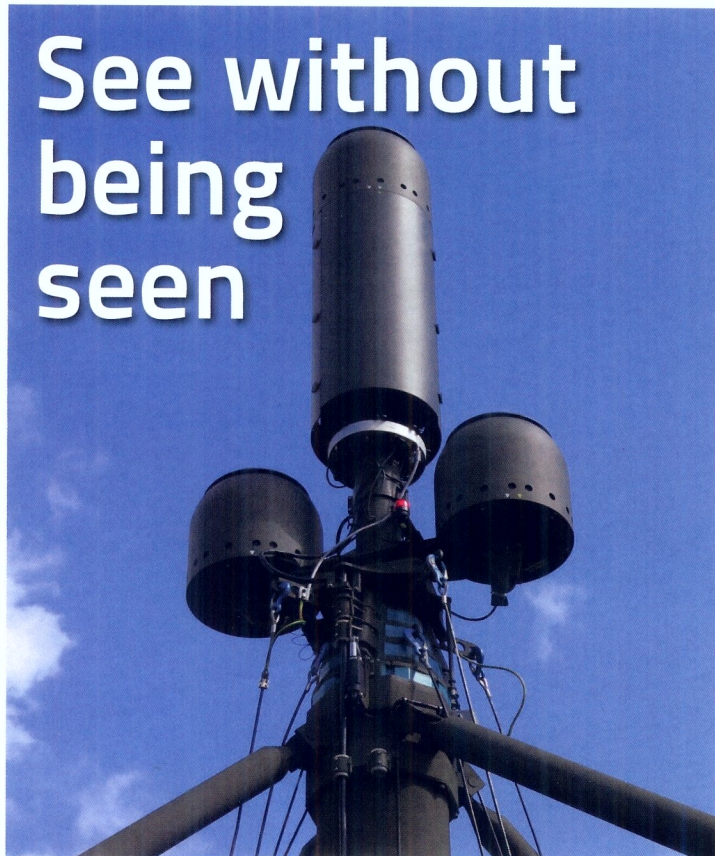


See without being seen



Czech concern ERA (Stand N8-322) is addressing the air defence and surveillance needs of military and security forces with its Vera-NG passive surveillance system designed for detection, location, identification and tracking of air, ground and naval targets. The system has been successfully deployed in Europe, Asia and the Americas, processing emissions

from radars, jammers, IFF transponders, DME/TACAN interrogators, datalink and other communication, navigation and surveillance systems.

Vera-NG is a proven Passive ESM Tracker (PET) that utilises established Time Difference of Arrival (TDOA) multi-lateration techniques to localise, track and identify the broad range of emissions from low VHF up to

high Ku-band signal sources. This passive technology allows for virtually undetectable operation, as no signals are sent from the system. It provides long-term ELINT information and has no need for frequency allocations. Because it emits zero electromagnetic energy, Vera-NG offers a covert, electronic and physical, surveillance capability that is not vulnerable to anti-radar weapon systems, allowing armed forces to conduct long-term cross-border surveillance without alerting neighbouring states.

The system's design is fully mobile and can easily be transported in general-purpose vehicles. It can be delivered in a 'roll-on/roll-off' configuration including a fully configured mobile command centre containing all the processing, analysis and observation equipment – thus ensuring rapid tactical deployment.

One of the most promising technologies that could alter the field of air surveillance is the Passive Coherent Location (PCL) system. For targets that do not emit signals, ERA's next PCL system will track and classify targets using reflections of existing third-party emitters such as FM radio.

A sensitive case

First-time exhibitor at DSEI, B&W International of Germany (Stand N2-365), which has its own production facility in Joaxing, China, is hoping to make further inroads into the military sector with its versatile outdoor cases, designed for sensitive portable items.

Its cases are not only watertight but also stackable, dustproof, crackproof and shock-resistant, to guarantee secure transport of highly sensitive equipment. The outdoor cases come in a range of sizes with pre-cut foam (SI), padded divider set (RPD, *below*), or blank interiors. All are rated to IP67 and tested to military specifications STANAG 4280 and STAN 81-41.

The company has increased its product range and continues to develop more models to satisfy customers in the military,

but also in sectors such as photo and video, automotive and IT. ■



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