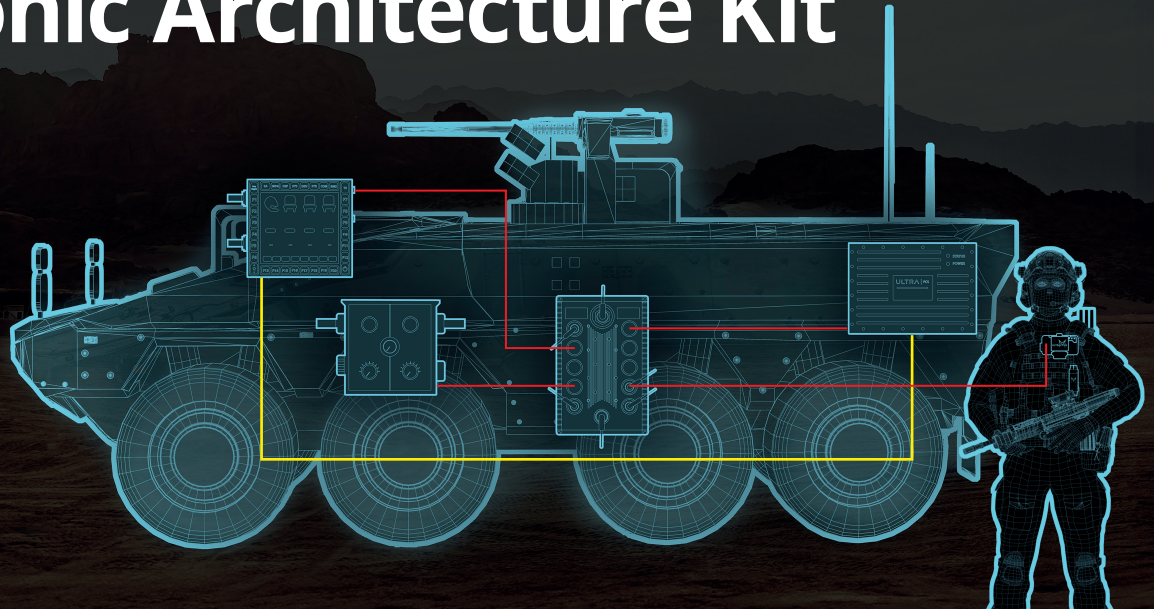




Electronic Architecture Kit (EAK)

Truly open, modular & scalable Data and Power.



Key features

- Electronic Architecture solutions
- Platform, System, & Soldier integration
- Power Management
- Networking
- System Integration
- Platform Gateway Interface – Ultra PGI
- GVA, NATO GVA & AuGVA compliant
- Integrated Power and Data distribution from Platform to Soldier

Overview

The UltraEAK™ system is a modular set of COTS/MOTS hardware, including power distribution, screens, processors, networking and sensors/actuators, which when combined deliver integrated Platform mission systems.

The mission system software is delivered through the UltraPGI software, reusing modules/plugin developed from previous projects/vehicles and only developing new modules where a new feature/vehicle is encountered. The UltraEAK™ solution is technically and commercially open as the system includes an open API allowing vehicle integrators and third party manufacturers to develop plugins to integrate equipment into the Electronic Architecture.

The open, modular UltraEAK™ solution can be delivered in pre-configured architectures ranging from small platforms with limited payloads through to large multi-user vehicles with complex camera and payload requirements. The modular software approach also scales with the vehicle architecture maximising reuse and affordability.

Interoperability between Vehicle and the Soldier is achieved using the vehicle mounted Infantry Power and Data Unit (IPDU), delivering power and situational awareness to the soldier whilst mounted.



Ultra Precision Control Systems

+44 (0) 1242 221166

ultra-pcs.com