Military bases are critical to mission success. But to support the mission, bases must operate as integrated systems to deliver and support military capability, whether at home or abroad. Equipping bases with advanced cyber-physical security, infrastructure management and secure communications capability can mean the difference between mission success and failure.

Integrated base-management systems that support utility and operations control frees personnel to focus on the mission at hand. Merging these systems into a synchronized network results in highly efficient base operations that minimize or eliminate resource-depleting distractions.
INTEGRATED C2 SOLUTIONS

UltraBase is an integrated command and control (C2) environment that combines robust, innovative solutions to provide a holistic approach to military base management. Designed in response to the military's pressing need for uncompromising base security and effective, efficient base operations, UltraBase frees up base resources for more critical mission duties while supporting critical infrastructure protection (CIP) and secure network communications.

Cost-Conscious Systems

Today’s military is under pressure to maximize operational efficiency while keeping costs down. Integrating base operations systems can measurably promote the effectiveness of both permanent and forward-operating bases. A secure and reliable base infrastructure, bolstered by streamlined facility and industrial control system (ICS) management, promotes peak performance without additional manpower.

Cyber-Physical Security

We define cyber-physical security as the comprehensive cyber-hardening of the networked systems and the critical infrastructure that cross the IT and operational technology (OT) domains. The OT environment is the front-facing edge systems whose operational integrity is critical to human safety. 3eTI specializes in securing the OT zone, ensuring that cyber-threats don't become physical ones.
PERIMETER MANAGEMENT

UltraBase controls base access, protecting infrastructure and personnel with automated and manual security, 24/7 – all through conveniently centralized command and control. State-of-the-art automated entry-control systems protect via gate and building access, as well as around the base perimeter.

Benefits
• Reduced manpower
• Round-the-clock security
• No gaps allowed

KEY APPLICATIONS
• Fixed or mobile video surveillance
• Intelligent analytics
• Automated access controls
• Central command and control

CYBERSECURITY

Cyber-attacks have expanded beyond purely military objectives, and industrial control systems are prime targets for cyber-threats. UltraBase protects against network vulnerabilities using embedded cybersecurity technology that securely integrates disparate ICS, connecting remote life-support systems such as high voltage power, water and waste, and HVAC. UltraBase systems meet information assurance (IA) requirements for security and are accredited to save testing time.

Benefits
• Proven and accredited systems
• Full compliance with DoD IA mandates
• FIPS 140-2 validation and Common Criteria certification

KEY APPLICATIONS
• Encryption/ authentication
• SCADA system security
• Industrial endpoint protection
• Industrial firewalls
• Intrusion detection/ prevention
• Deep packet inspection (DPI)
• Virtual private networking (VPN)
• Legacy system protection
• OEM security

SECURE WIRELESS

Mission success depends on a base’s ability to maintain ubiquitous, reliable communications, on-base and beyond the wire. UltraBase utilizes high-performance and robust wireless-mesh platforms that reliably deliver continuous connectivity and optimal security. Always on, UltraBase tenaciously safeguards the confidentiality, integrity and availability of sensor and system data. UltraBase enhances command and control decision-making and ICS capabilities. It enables building recommissioning and helps minimize redundant manpower.

Benefits
• Seamless integration
• Effective resource utilization
• Centralized C2 management
• Robust and reliable

KEY APPLICATIONS
• Wireless mesh networks
• Vehicular wireless communications
• Wireless reach back
• Extended secure communications
• Remote sensors & meter connectivity

Successfully tested and deployed in military, federal and industrial environments requiring high levels of security and accuracy.
ENABLING MISSION SUCCESS

UltraBase delivers efficient, effective and secure base operations utilizing mature and available technologies. The solution reduces operational costs while maximizing available resources and budget to allow for expansion as base security, infrastructure and communications requirements change. UltraBase frees commanders to focus on their mission success as it ensures unsurpassed base security, essential services support and robust, secure operational communications.

- Increases operational efficiencies
- Maximizes resources and budget
- Allows for expansion and adaptability
- Frees commanders to focus on mission
- Ensures failsafe base and network security