CURRENT DEPLOYMENTS
U.S. ARMY

CRYSTAL™

A clear advantage.

When lives are on the line, reliability matters. That's why when an application demands fail-safe computer architecture that withstands harsh conditions, defense and industry leaders choose Crystal Group rugged electronics.

Crystal Group designs and manufactures commercial off-the-shelf and customized rugged computer hardware and provides system integration, configuration management, product life-cycle planning, and complete technical support. The employee-owned small business is fully operated in Hiawatha, Iowa, where it was founded in 1987.

Combat-proven rugged computing devices from Crystal Group include industry-leading servers, displays, networking products, embedded computers, and data storage backed by 5+ year warranties. Crystal Group is certified to quality management standards AS9100C:2009 and ISO 9001:2008, and its products meet or exceed military, IEEE, and IEC industrial standards.

Reliability matters. Crystal Group delivers. Superior quality you can trust.

AIAMD & IBCS
U.S. Army Integrated Air and Missile Defense; Integrated Air & Missile Defense Battle Command System

AMDPCS
Air/Missile Defense Planning and Control System

AN/TPN-31 ATNAVICS
Air Traffic Navigation, Integration and Coordination System

C-RAM
Counter Rocket, Artillery, and Mortar

EMARSS
Enhanced Medium Altitude Reconnaissance and Surveillance System

FUSE
Federated Universal Synchronization Engine

NGATS
Next Generation Automatic Test System

Prophet Enhanced System

RADMERC
Radiant Mercury

THAAD
Terminal High Altitude Area Defense

WIN-T
Warfighter Information Network – Tactical

XRT
eXpeditionary RT

CRYSTAL GROUP SUPPORT FOR U.S. ARMY

AIAMD & IBCS
Command-and-control system delivers comprehensive view of the battlespace to facilitate decision making and support air and missile defense.
Crystal products deployed: RS235, RS255, RS111S13, RS112, RE412

AMDPCS
Automated command and control system integrates air and missile defense planning, collaboration, and airspace coordination.
Crystal product deployed: RS132L24

AN/TPN-31 ATNAVICS
Highly mobile, self-contained system provides a rapid air traffic control response for tactical operations and civil disasters.

C-RAM
Equipment protects high-value assets by detecting rocket, artillery, and mortar launches and intercepting incoming rounds in flight.

EMARSS
Intelligence, surveillance, and reconnaissance aircraft collects, analyzes, and disseminates valuable intelligence in real time.

FUSE
Solution synchronizes video and sensor data from multiple intelligence sources into a single, cohesive operational picture.
Crystal products deployed: Rugged transit case solution containing a server and networking hardware; System Integration services.

Prophet Enhanced System
All-weather, ground-based tactical signals intelligence and electronic warfare system provides force protection and situational awareness.
Crystal products deployed: RS112; Configuration Management services

RADMERC
Intelligence sharing system protects classified data across network domains from unauthorized access.
Crystal products deployed: RS111S13, RS112, RS255

THAAD
Land-based, transportable, and rapidly deployable system intercepts and destroys ballistic missiles during the final phase of flight.
Crystal products deployed: RS255, RS378

WIN-T
Tactical telecommunications network provides robust, redundant connectivity and secure, mobile communications capabilities.

XRT
High-performance computing platform manages and analyzes large volumes of sensitive data from various sources in real time.

Learn more at crystalrugged.com/Military-Current-Deployments.pdf

RS112

RE412

Transit Case

RS378

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