ORACLE

Tactical Communication Continuity

Ensure tactical units remain connected with robust, failover communications across vehicles, command posts, and field deployments.

Provide forces with assured, always-encrypted, real-time connectivity for command and control, leveraging 5G and advanced multi-channel technologies to maintain situational awareness, secure collaboration, and data synchronization—even in contested or degraded environments.

Enabling Oracle Technologies:

Oracle Roving Edge Infrastructure

Delivers robust, portable compute at the tactical edge, supporting secure, real-time communication, local data processing, and failover capabilities even in disconnected or contested environments. Can facilitate edge applications for 5G/multi-channel comms and ensure local continuity when link to core is disrupted.

Oracle Compute Cloud@Customer (C3)

Provides secure, scalable cloud infrastructure for command posts or operational bases. Enables centralized asset management, communication backbone, and resilient C2 data services close to the deployed edge, supporting high-assurance, locally governed communications.

Oracle C3i (Compute Cloud@Customer, Isolated)

Powers air-gapped or fully isolated environments where tactical communications and data management must remain independent of external connectivity-useful for joint coalition operations or missions with the highest security thresholds.

Oracle Exadata Cloud@Customer (ExaCC)

Supports high-performance data management, analytics, and secure storage for large communications data streams, logs, and synchronization between tactical edge and core (especially for Oracle GoldenGate, which provides real-time data replication/sync).

Discuss your use case with us

Learn more