Intelligent Communications and Information Systems (CIS) for defense and security operations

Secure, mission-critical cooperation and information sharing

- Instant information-sharing with remote teams across disparate networks
- From any device, anytime, anywhere, and in real time
- Defense-adapted communications features (ivory tour, voice encryption...)
- Location-based services
- Data privacy thanks to defense-grade encryption
- 99.999 percent operability thanks to redundancy and availability

Secured and intelligent connected objects (IoT Containment)

- Guaranteed privacy, network access and traffic levels thanks to network segmentation into distinct containers and micro-networks
- Notifications from connected, on duty or security equipment and vehicles anywhere
- Health check status or alerts, maintenance updates, malfunction or attacks alarms

End-to-end multi-layer security

- Security supervision at all network levels and across all elements: devices, users, applications
- Controlled guest access to the network, components and resources
- Secured unified access for all user levels, connected vehicles, isolated military camps
- Protection at, between and through the switches
- Deep packet inspection for malicious device-generated traffic blocking
- Reduced code vulnerabilities at switch-level thanks to the OmniSwitch® AOS secure diversified code

Ruggedized equipment for harsh conditions

- Switches and devices adapted for high temperatures or humidity variations and are resistant to shocks
- Increased resiliency and maximized uptime for converged mission-critical networks
- Compact hardened ethernet switches built specifically for harsh environments industries
- Hardened, shock-resistant handsets with remote worker protection notifications

Open and evolutive technology

- Solution built on open standards ensuring simplified integration of new equipment and applications
- Scalability to meet evolving networking needs and new technologies
- Maximum interconnectivity with partner applications running on other platforms and heterogeneous environments
- Tailored solution, open to integrate all technologies (wired, wireless, voice, data services and applications)


Land, air or naval defense forces around the world trust the Alcatel-Lucent Enterprise communications and network solutions. Contact our defense experts or join us in industry events to learn more.

We’d love to hear from you. Submit an inquiry, find your nearest Business Partner or chat with us online.

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