

COMMAND & CONTROL CONSOLE



RESILIENT COMMUNICATIONS FOR OPERATIONAL COMMAND

Enlite™ is a secure, modular Command & Control (C2) console system engineered to meet the high-availability and cybersecurity demands of national security operations. Designed and manufactured in Canada, it consolidates land mobile radio (LMR), digital protocols (P25), mission-critical push-to-talk (MCPTT), and telephony into a single, ruggedized, browser-accessible interface.

Built for mobility, Enlite ensures interoperability across service branches and allied networks, with an encrypted, zero-trust architecture and compliance with OWASP and NIST 800-160 standards.



IN THE CLOUD, ON-PREMISES, OR HYBRID

Enlite supports air-gapped on-premises, cloud-hosted, or hybrid architectures, enabling secure operations in fixed, mobile, or expeditionary environments. Its flexible deployment model allows use in:

- Joint Operations Centres (JOCs)
- Tactical Operations Centres (TOCs)
- Mobile Command Vehicles
- Base Defence Operations Centres (BDOC)

With geo-redundant, load-balanced hosting or on-site hardened deployments, Enlite ensures continuous command and control under DDIL (Denied, Degraded, Intermittent, or Limited bandwidth) conditions.

REAL-TIME DISPATCH UX CUSTOMIZATION

Enlite features a WYSIWYG (What You See Is What You Get) mission editor for replicating unit-specific workflows or SOPs from legacy consoles. Command staff can:

- Push custom screen layouts ("Missions") in real-time to operator positions
- Tailor interfaces for fire control, intelligence, or multi-agency incident response
- Apply role-based access controls and secure updates without disrupting ongoing operations

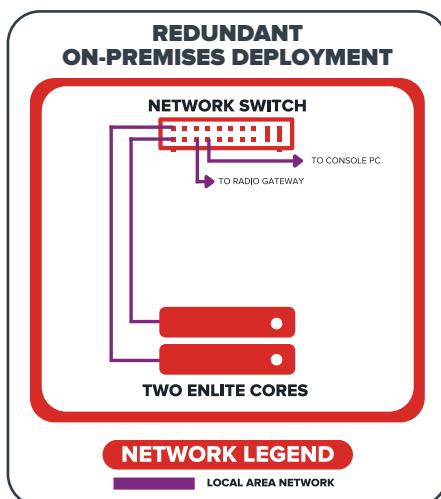
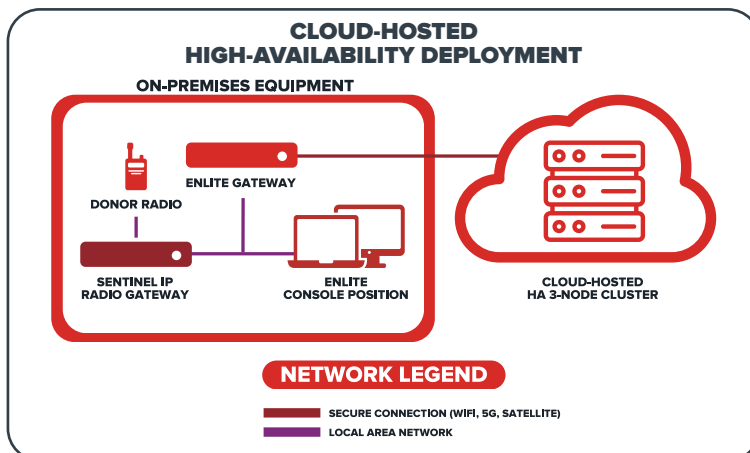
This approach supports rapid retraining, real-time reconfiguration, and minimal downtime in mission-critical contexts.





CONSOLE SPECIFICATIONS

- **Operating System:** Windows 10/11, macOS, Android
- **Console Interface:** Web-based GUI, touch-capable
- **Supported Browsers:** Google Chrome/Chromium, Microsoft Edge
- **Peripherals:** Commercial off-the-shelf (COTS) USB devices including microphones, headsets, speakers, foot pedals, touchscreen monitors, and keyboards
- **Supported Resolution:** 720p, 1080p, 4K, 8K
- **Connectivity:** LAN, Wi-Fi, 5G and Satellite
- **Radio & Telephony Integrations:** Analog, digital (P25), SIP, PRI, PSTN, GSM; via Sentinel IP Gateway
- **Data Integrations:** Embeddable webframes for third-party tools, API available for integration with external systems
- **Remote Ops Support:** Fully browser-based for TOCs, mobile command, or FOBs



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STANDARD CONSOLE FEATURES

Maximum system capacity	Unlimited, fully scalable
Maximum channels	Unlimited, fully scalable
Instant Recall Recorder	Yes
Saved patches	Yes
Saved user screens	Yes
Saved multi-select groups	Yes
Paging speed dial	Yes
VoIP Intercom	Yes
Contact directory	Yes
AUX I/O controls	Yes
Browser-based GUI	Yes (Chrome/Chromium)
Touchscreen operation	Yes
User login	Yes, free-seating
Radio ID display	Yes, alias configurable
Receive PTT-ID / alias history	Yes
Call queue	Yes
Select/Unselect operation	Yes
VU Meter	Yes, RX and TX meters
Call Transfer (Blind/Attended)	Yes
Radio To Telephony Patching	Yes
Mic Mute	Yes
3rd Party Integrations	• Active Directory (LDAP/LDAPS) • Single Sign-On (SSO/OKTA) • Logging Recorders (Analog/SIPREC) • Embedded Mapping (GIS Mapping via Webframe)
Hold-to-Patch	Yes
Hotkey Shortcuts	Yes
COTS USB Peripherals	Yes
Configurable Macros	Yes

