MOTOROLA SOLUTIONS

LEX L11

MISSION-CRITICAL LTE DEVICE: TACTICAL CONFIGURATION

HACKERS HAVE A NEW ENEMY

FIRE AND FORGET SECURITY THAT ADAPTS TO MULTIPLE MISSIONS, THEATERS, AND ADVERSARIES

The L11 features a unique, field-proven security system that uses layers of defense from the operating system down to the hardware, which together provide protections that virtualization, hypervisors, and modified consumer devices cannot.

Multiple layers of AES 256-bit DAR encryption using per-mode keys protect all data - including removable storage. The device derives, but never stores the keys, so even exploits cannot retrieve them.

Built-in firewalls and an always-on, geofencable VPN protect data in transit. Modes can control the settings, and which radios the device may use in that mode (e.g., WiFi, LTE).

Different modes can also appear to network monitoring and forensics like a typical Google Android device, while others can disable all Google services and "phone home" capabilities of the OS and apps alike.

The L11 also monitors the OS and apps for privilege escalation attempts and kernel exploits, making it immune to even the worst zero-day attacks.

MULTIPLE ISOLATED MODES

Each mode has its own security policy, crypto keys, features, apps, and data. Automatic triggers, or an intuitive user control can switch between modes.

CONTROLS AND HARDWARE BUILT FOR TACTICAL USE

- MIL-STD-810G and IP-67 rated
- Specialized controls including PTT button, suitable for gloved hands
- Advanced speaker and microphone technology for noisy environments

SOFTWARE FOR BOTH TACTICAL AND ENTERPRISE USERS

- Google Play and other app stores can be enabled or disabled per mode
- Per-mode provisioning of settings, data, and apps like ATAK and WAVE
- Modes can be zero-emit or enable only specific RF capabilities

RESISTANT TO EVERYTHING FROM FORENSICS TOOLS TO SOPHISTICATED ATTACKERS

- Fully encrypted Data-at-Rest (DAR) and Data-in-Transit (DIT)
- Boot and run-time integrity checking
- Detection and prevention of rooting and privilege escalation