Secure encrypted communications best practices includes the ability to centrally manage, track, and rotate keys, as well as the ability to quickly work around lost or stolen keys. Eliminating the use of static keys by regularly rotating them reduces risk of a compromise, and defends against cybercriminals, who continue to increase both their speed and sophistication of attacks. To achieve these goals on your communication system, the ASTRO and LTE Key Management Facility (KMF) is the solution.

- Single centralized solution for managing keys.
- Ability to generate, load and delete keys on demand.
- Dashboard that shows currency and secure operations view.
- Web client offers access from virtually anywhere with the convenience of keeping your voice and data secure without having to incur the cost and time to collect units to manually rekey.
- KMF gives you greater visibility and control of your secured devices, so you can respond faster and minimize risk.

THE RIGHT SOLUTION TO MEET YOUR DEMANDS

Efficiently managing encryption keys can be a challenge whether you are a large agency with thousands of devices with multiple administrators or a smaller agency with only a few dozen devices. You need a scalable offering that best meets your operational and feature requirements.

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FEATURES:

- **Supported Devices**
  - P25 Two-Way Radios with OTAR
  - LEX L10 with CRYPTR micro
  - P25 Dispatch Consoles

- **Greater Control of Your Operations**
  - Over the Air Rekeying (OTAR)
  - Over the Ethernet Rekeying (OTEK)
  - Automatic Rekey Opportunities
  - Store and Forward
  - Remote Inhibit / Enable / Zeroize
  - Secure User Group Management
  - Agency Partitioning
  - Schedule Operations
  - Device Management Alerts
  - Touchless Key Provisioning (TKP)

- **Greater Visibility of Your Devices**
  - KMF Hello
  - Group Key Currency
  - Historical Reporting

- **Ensure High Availability and Operational Continuity**
  - KMF Redundancy

- **Interoperability**
  - KMF roaming via Multi-System OTAR

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KEY MANAGEMENT FEATURES ENSURE GREATER CONTROL OF YOUR OPERATIONS

OVER-THE-AIR REKEYING (OTAR)
Eliminate the burden of manually rekeying devices with secure over the air distribution and management of keys.

AUTOMATED REKEY RETRIES
When radios are out of range or powered down, automated rekey retries via KMF will update units automatically when they are back on the system.

DEVICE & GROUP KEY CURRENCY
Visually find devices that are not up-to-date. Ensure all devices have latest encryption keys and parameters.

KMF REDUNDANCY
Seamlessly and automatically provide backup protection against server failure. Ensure continuity with KMF Redundancy.

STORE & FORWARD
Securely deliver keys to units operating outside of system range and optimize initial provisioning.

REMOTE INHIBIT / ENABLE
Securely inhibit a compromised device over-the-air and protect the integrity of the network. Easily enable the radio once it’s been recovered.

KMF HELLO
Quick and efficient method of determining whether a radio is within the range of the system without unnecessary voice traffic.

AGENCY PARTITIONING
Allows multiple agencies to manage their own devices and keys while maintaining control of their fleet.

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KEY MANAGEMENT FACILITY ECOSYSTEM

For more information on how you can quickly and easily manage encryption keys across your P25 and LTE enabled devices visit us at www.motorolasolutions.com/astro25 or contact your local Motorola Solutions sales representative.