

ASTRO® 25 & LTE KEY MANAGEMENT FACILITY (KMF)

A SECURE, SCALABLE, AND PROVEN KEY MANAGEMENT SOLUTION



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.

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

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.

	HIGH TIER	MID-HIGH TIER	MID TIER	MID-LOW TIER	ENTRY TIER
NUMBER OF DEVICES	64,000	49,000	34,000	19,000	4,000 (Upgradeable to 64,000)
NUMBER OF AGENCIES	64	49	34	19	4 (Upgradeable to 64)
NUMBER OF SIMULTANEOUS CLIENTS LICENSSES	65	65	65	65	65
REDUNDANCY	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL	OPTIONAL



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.



STORE & FORWARD

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



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.



REMOTE INHIBIT / ENABLE

Securely inhibit a compromised device over-the-air and protect the integrity of the network. Easily enable the radio once its been recovered.



DEVICE & GROUP KEY CURRENCY

Visually find devices that are not up-to date. Ensure all devices have latest encryption keys and parameters.



KMF HELLO

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



KMF REDUNDANCY

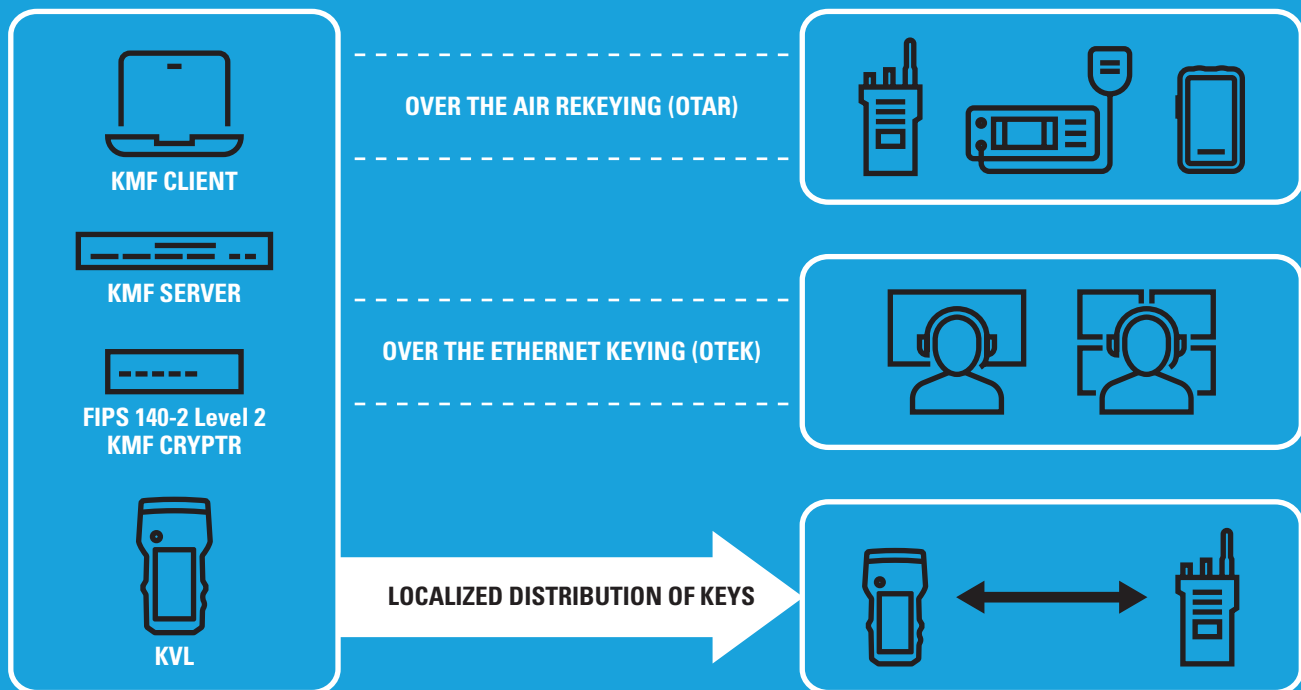
Seamlessly and automatically provide backup protection against server failure. Ensure continuity with KMF Redundancy.



AGENCY PARTITIONING

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

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.



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