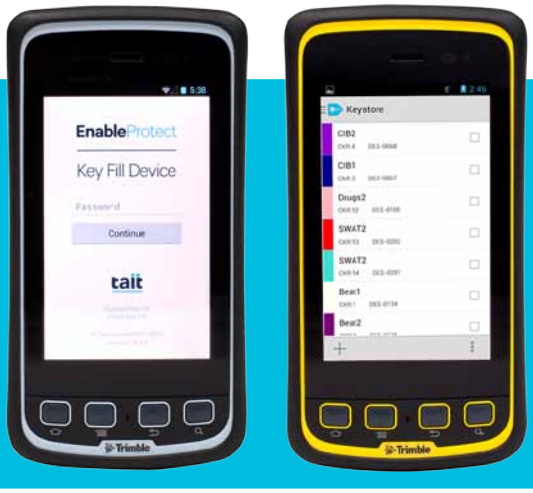
Encrypt your radios in-field with ease

The EnableProtect Key Fill Device makes encrypting digital radios as efficient and error-free as possible, ensuring that encryption specialists and radio technicians can manage their workflow with ease.



KEY FEATURES AND BENEFITS

- Secure in-field encryption management
- Standards compliant
- Intuitive user interface
- Rugged device to withstand the harshest environments
- Fast Key Fill for easy deployment of keys on multiple radios

Tait Communications' comprehensive range of P25 radios, base stations/ repeaters and systems give Public Safety and Utilities organizations the ability to choose a solution that best meets their needs. Our versatile encryption options are designed to improve the safety and security of our clients.

Efficient Key Management

The EnableProtect Key Management Facility (KMF) is the most efficient way to manage keys on your network. Using the KMF, an encryption specialist can create new keys, add new radios to the fleet and schedule key update tasks.

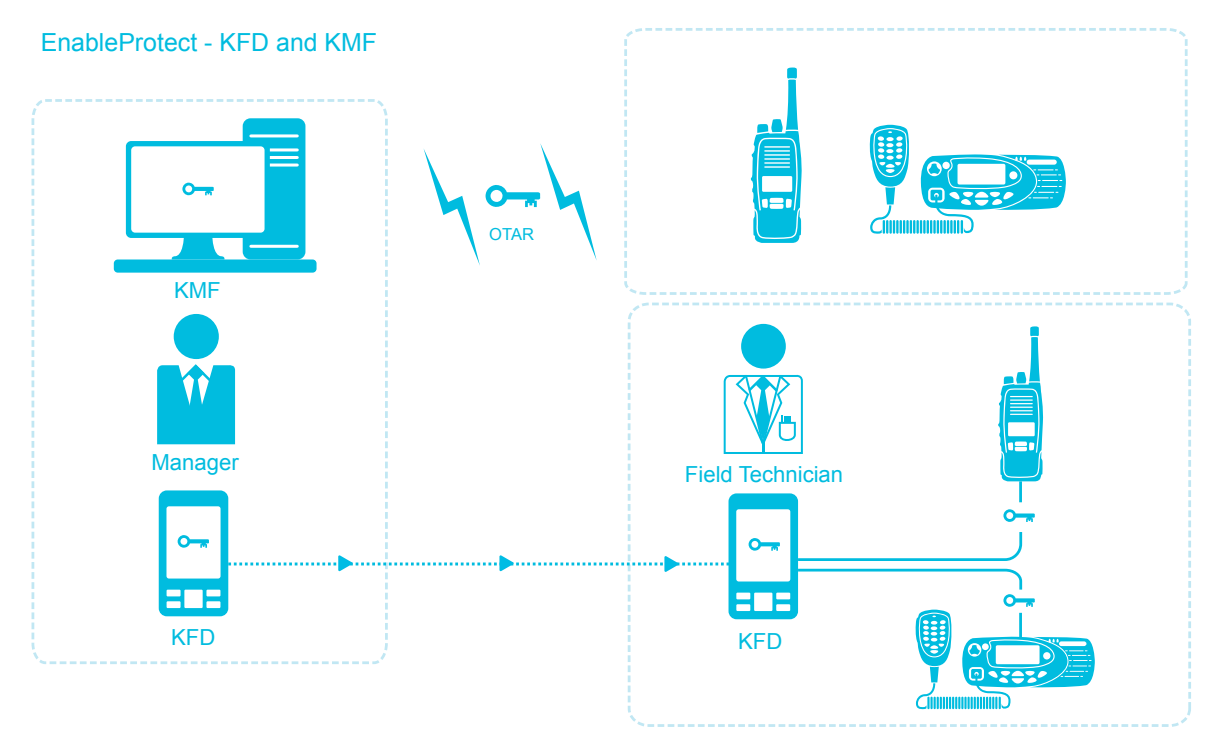
Once keys have been created they can be transferred to the radios, gateways or consoles directly using Over The Air Rekeying (OTAR) or by transferring the keys to an EnableProtect Key Fill Device (KFD) for physical updating by a technician.

For more information on EnableProtect Key Management Facility visit: **www.taitradio.com**

The EnableProtect KFD enables you to speed through repetitive rekeying tasks with easy-to-use commands, shortcuts for frequently used functions and automatic connection to the radios.

The KFD:

- allows you to quickly respond to tactical situations without compromising the security of your communications
- improves your productivity by enabling non-specialized staff to carry out routine key loading to many radios
- ensures you can store, deploy, generate, modify and erase keys efficiently and accurately.



EnableProtect KFD delivers general purpose key management functionality and specialist software modules on a rugged handheld computer.

Standard Key Fill

Standard Key Fill enables users to create AES or DES keys, either manually or automatically, and deploy them to the active or the inactive keysets in a radio. Standard Key Fill can also perform an inventory check of the keys in a radio and may be used to switch between active and inactive key sets. A KFD loaded with both standard and fast key fill enables the user to create scripts (key information) to download into specific Fast Key Fill devices.

Fast Key Fill

Fast Key Fill* allows a pre-configured EnableProtect KFD to be plugged into the radio for automatic key loading. It is ideal for fast and accurate deployment across a large number of radios.

Connectivity for smooth workflow

The USB cable enables connection to laptops and desktops while the Tait supplied cables provide connectivity to readily plug into Tait portables, mobiles and gateways (console gateways and trunked analog gateways).

EnableProtect KFD can also manage encryption keys on other manufacturers' products.**

Intuitive user interface

The intuitive interface has been designed with user requirements in mind for ease of use in the field.

Tough hardware for long-lasting performance

The industry-standard, rugged handheld computer running easy-to-learn Android OS, is a device that can be used in a variety of operational settings.

Security

The EnableProtect KFD uses standards compliant FIPS 140-2 validated software to generate DES and AES keys, ensuring that sensitive information is well protected.

The KFD database is encrypted with AES 256 bit keys, ensuring your information is secure.

For additional security, the EnableProtect KFD application requires a password in order to access it.

EnableProtect | Key Fill Device

SPECIFICATIONS

GENERAL

Software	Android 4.1 Preloaded with Tait standard application and license
Processor	Texas Instruments OMAP3 DM3730 Sitara™ ARM® Cortex™-A8
Display	480 x 800 pixel (WVGA) Color Multi-Touch user interface with projected-capacitive type touch panel with AR coating
Memory	512 Mobile DDR RAM
Power	International Power Adaptor
Ports	Port 1 Custom 8 pin connector
Included in box:	USB Cable, Juno serial cable, Radio Programming Lead - Serial PC to RJ12, TP9100 Programming Adaptor Lead - RJ12 to Radio, TP9400 Programming Adaptor Lead - RJ12 to Radio, TM91/94 Programming Adaptor Lead - RJ12 to Radio, International AC Charging kit, screen protectors and hand strap
Device	TE1002-BA00-0000-AAAA IP65 device/yellow - standard key fill - 1 year maintenance TE1002-BB00-0000-AAAA IP68 device/grey - standard key fill - 1 year maintenance TE1002-BA00-0000-ABAA IP65 device/yellow - fast key fill - 1 year maintenance TE1002-BB00-0000-ABAA IP68 device/grey - fast key fill - 1 year maintenance TE1002-BA00-0000-ACAA IP65 device/yellow - standard key fill with fast key fill compatibility - 1 yearmaintenance TE1002-BB00-0000-ACAA IP68 device/grey - standard key fill with fast key fill compatibility - 1 year maintenance
Accessories	TE1002-00AA-0000-0000 Anti-Reflective Screen Protector TE1002-00AB-0000-0000 Deluxe carry case TE1002-00AC-0000-0000 Vehicle charging kit TE1002-00AD-0000-0000 Stylus TE1002-00AE-0000-0000 Large Battery pack TE1002-00AG-0000-0000 Replacement Juno Serial cable TE1002-00AF-0000-0000 Micro SD Card TPA-SV-020 TP/M9100 TP/M9400 TB9100 Encryption capable Motorola KVL Adaptor T03-00059-AAAA Tait KFD Encryption Key Fill Adaptor (Motorola radios: XTS5000, special config XTL5000, APX7000)
Dimensions	6.1 x 3.2 x 0.9 inches (15.5 x 8.2 x 2.5 cm)
Weight	Weight : 13.5 ounces (0.4 kg)
Environmental	Fully Rugged Design tested to Military Standards – MIL-STD-810G and IP65 (Black with Yellow) or IP68 (Black with Gray) Water: • IP68 (Black with Grey version): Survives immersion at 3.3 ft (1 m) for two hours, IEC-60529 IP-X8 • IP65 (Black with Yellow version): Survives driving rain and water spray, IEC-60529 IP-X5; Water Jet 12.5mm dia @ 2.5-3m Dust: Protected against dust, IEC-60529, IP6x, dust chamber with under-pressure Drops: Survives multiple drops of 4 ft. (1.22m), • MIL-STD-810G, Operating Temperature -22°F to +140°F (-30°C to +60°C)***

SOFTWARE OPTIONS

TE1002-0000-0000-AA00	Key Fill Device SFE – Standard
TE1002-0000-0000-AB00	Key Fill Device SFE - Fast Key Fill

*Additional licence required. Please contact your local Tait representative for more information
**TIA Radio adapter required
***To prevent batteries from freezing do not expose to severe cold (-4°F or -20°C).

This product includes software developed by the OpenSSL Project for use in the OpenSSL Toolkit (http://www.openssl.org/)
This product includes cryptographic software written by Eric Young (eay@cryptsoft.com)

TAIT COMMUNICATIONS

Our clients protect communities, power cities, move citizens, harness resources and save lives all over the world. We work with them to create and support the critical communication solutions they depend on to do their jobs.

Digital wireless communication forms the central nervous system of everything we do. Around this resilient, robust core we design, develop, manufacture, test, deploy, support and manage innovative communication environments for organizations that have to put their total trust in the systems and people they work with. We've worked hard to develop genuine insight into our clients' worlds, and have pursued engineering, operational and services excellence for more than 40 years. This understanding, and our belief in championing open-standards technology, means we can give our clients the best possible choice and value to achieve the human outcomes they're driven by.

We're not simply aligned with our clients; we're devoted to their cause.

Specifications are subject to change without notice and shall not form part of any contract. They are issued for guidance purposes only. All specifications shown are typical. The word "Tait" and the Tait logo are trademarks of Tait Limited.

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Tait Limited facilities are certified for ISO9001:2008 (Quality Management System), ISO14001:2004 (Environmental Management System) and BS OHSAS 18001:2007 (Occupational Health and Safety Management System) for aspects associated with the design, manufacture and distribution of radio communications and control equipment, systems and services. In addition, all our Regional Head Offices are certified to ISO9001:2008.