

## Encrypt your radios in-field with ease

The Tait 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 EnableProtect | Key Fill Device

## SPECIFICATIONS



### FEATURES AND BENEFITS

**The comprehensive range of Tait 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 Tait 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 a Tait EnableProtect Key Fill Device (KFD) for physical updating by a technician.

The Tait 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.

For more information on Tait EnableProtect Key Management Facility visit:  
[www.taitcommunications.com](http://www.taitcommunications.com)

### The KFD:

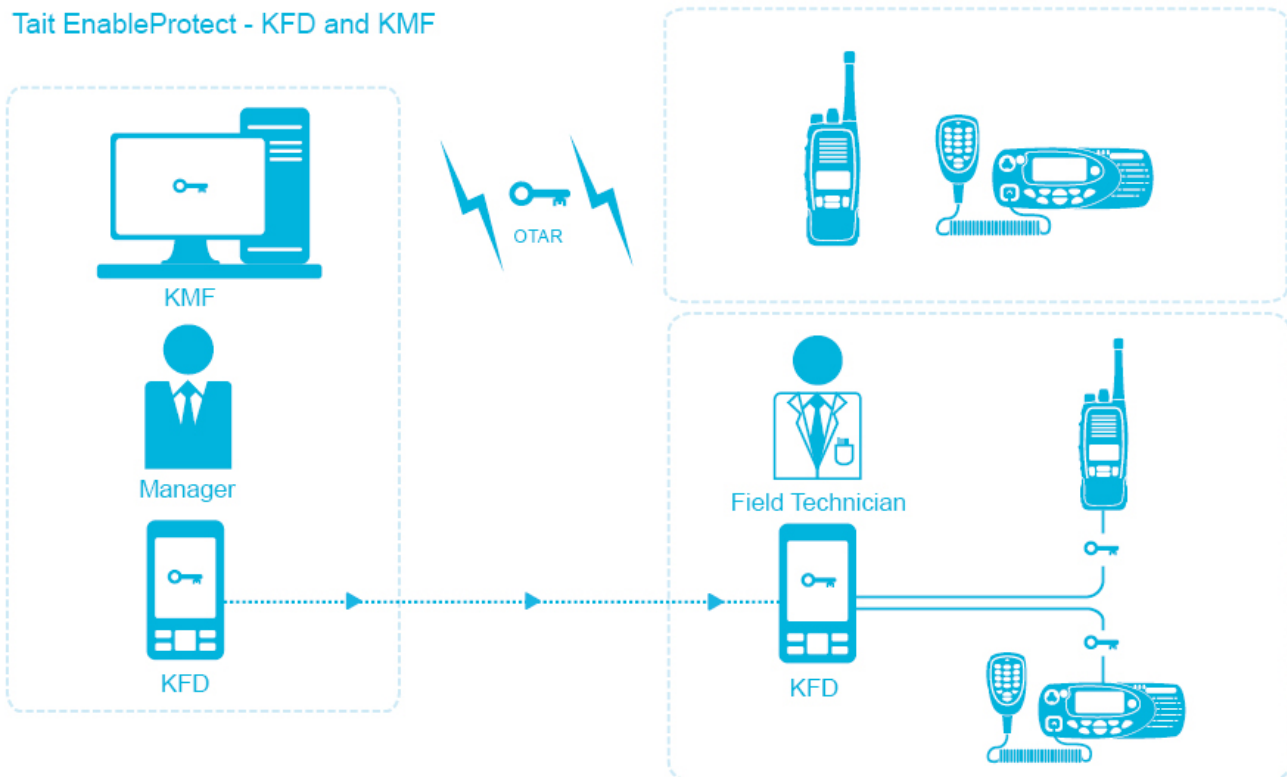
- Allows you to quickly respond to tactical situations without compromising the security of your communications.
- Improves your productivity by enabling non-specialized staff to carry out routine key loading to many radios.
- Ensures you can store, deploy, generate, modify and erase keys efficiently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

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## SPECIFICATIONS



### Tait EnableProtect - KFD and KMF



#### FEATURES AND BENEFITS (cont.)

**Tait 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 Tait 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).

Tait 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 Tait EnableProtect KFD uses a standards based software stack 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 Tait EnableProtect KFD application requires a password in order to access it.

\* Additional licence required. Please contact your local Tait representative for more information.

\*\* TIA Radio adapter required.

# Tait EnableProtect | Key Fill Device

## SPECIFICATIONS



### GENERAL

Operating System:	Android 7.0 (loaded with Tait EnableProtect Key Fill Device Application)
Display:	5" 1280 x 720 Panel with Projective Capacitive Multi-touch user interface
Dimensions:	85.9x 163.2x 22.5mm
Weight:	0.315kg
Environmental:	Fully Rugged Design tested to Military Standards MIL-STD-810G and IP65
Power:	International Power Adaptor
Ports:	Micro USB, DC Jack and Dock connector
Included in box:	Micro USB OTG Cable Radio Programming Lead - USB to RJ11 TP81/TP93/TP9400 Programming Adaptor Lead - RJ12 to Radio TM91/94 Programming Adaptor Lead - RJ12 to Radio International AC Charging kit
Devices:	TE1002-DA00-0000-AAAA Standard key fill - 1year maintenance TE1002-DA00-0000-ABAA Fast key fill - 1year maintenance TE1002-DA00-0000-ACAA Standard key fill with fast key fill compatibility - 1year maintenance
Accessories	TPA-SV-020 TP/M9100 TP/M9400 TB9100 Encryption capable Motorola KVL Adaptor T03-00059-AAAA Tait KFD Encryption Key Fill Adaptor (Motorolaradios :XTS5000,special config XTL5000,APX7000) T03-22009-AAAA/ADAATP93/9400 IS Programming Adaptor - required for wired connection to IS portables

### SOFTWARE OPTIONS

TKAS030	Key Fill Device SFE – Fast Key Fill
TKAS032	Key Fill Device SFE – Standard Key Fill

\*\*\* 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.

Tait has taken every care in compiling this specification sheet, but we're always innovating and therefore changes to our models, designs, technical specification, visuals and other information included in this specification sheet could occur. For the most up-to-date information and for a copy of our terms and conditions please visit our website [www.taitcommunications.com](http://www.taitcommunications.com) or check with your nearest Tait office or authorized dealer.

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Tait International Limited facilities are certified for ISO 9001:2015 (Quality Management System), ISO 14001:2015 (Environmental Management System) and ISO 45001:2018 (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 ISO 9001.

