

# P25 mission-critical voice communication solutions.



**Upgrading your existing mission-critical communications network may be one of the most challenging tasks you and your organization will ever face. You need a partner that provides you with choice, control, and delivers what they promise.**

With over 40 years of experience in delivering mission-critical solutions, Tait P25 solutions are interoperable, flexible, and provide greater options and increased control of your voice communications future.

From portables to consoles, core networks to network management, Tait can design, deploy and support a world-class end-to-end P25 network to meet your organizational needs now and into the future.

Renowned for innovative engineering and comprehensive services, Tait solutions demonstrate genuine understanding of the challenges your organization faces.

## **Smooth deployment**

Tait can deliver complete network upgrades smoothly, on-time, on-budget and without disruption to your operations.

With network design, multi-mode terminals, software upgrades, an IP-connected TB9400 base station and a range of network types, we have an upgrade path to suit everyone.

## **High availability**

The Tait P25 platform provides high levels of network redundancy and fault tolerance to deliver availability over 99.99%.

State-of-the-art coverage design tools ensure optimized network configuration and verified network coverage, and automatic fallback modes ensure maintenance of service and worker safety.

## **Efficient and effective operations**

Easily address changes in your organization via software upgrades and remote management capabilities.

Tait P25 supports data and location-based applications and services.

The P25 ISSI enables interconnection with neighboring P25 networks.

## **Information and infrastructure security**

For confidence in communication security, Tait P25 networks are engineered to protect the infrastructure from both physical and cyber attack and to deliver information privacy through the provision of encryption.

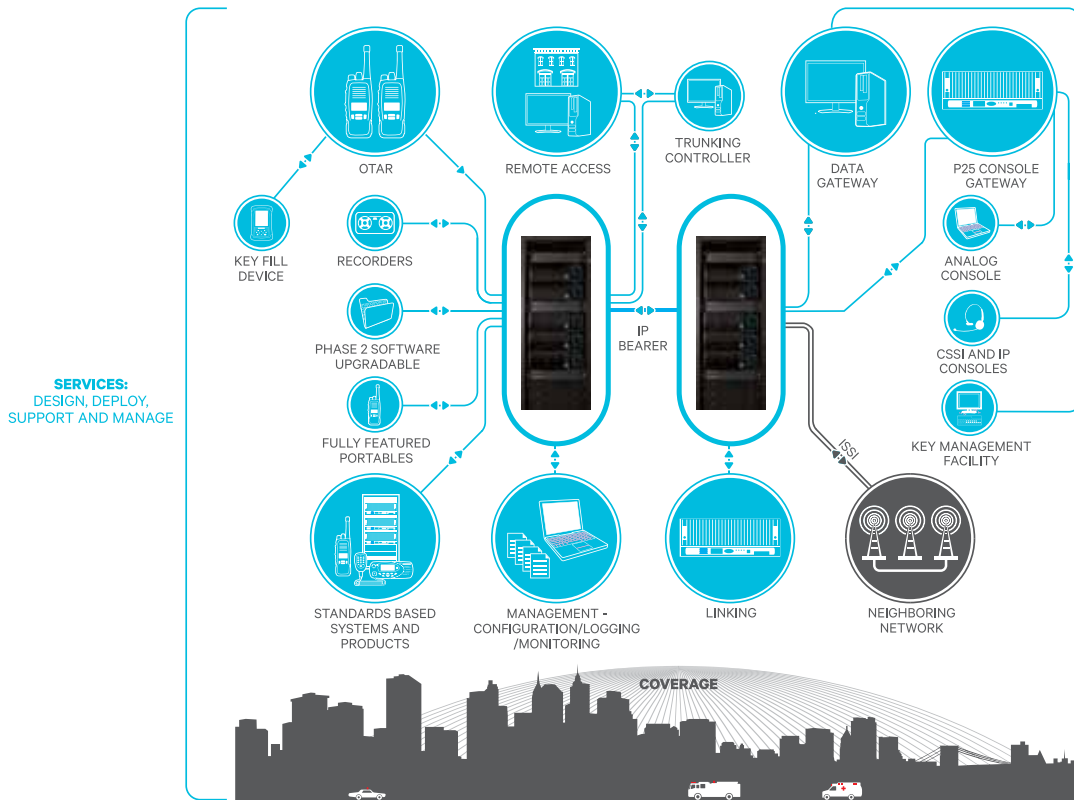
## **Cost**

The Tait P25 platform is designed to deliver superior communications and network performance throughout its life – minimizing both CAPEX and total cost of ownership.

## **Compliance**

Benefit from spectral efficiency, multi-vendor interoperability, security, migration and data capability as demanded by the P25 standards and some regulators.

**Tait P25 mission-critical communication solutions**



**SERVICES:**  
DESIGN, DEPLOY,  
SUPPORT AND MANAGE

**STANDARDS BASED TECHNOLOGY:**

for greater choice, increased vendor competition and interoperability across your P25 network.

**TRUNKED NETWORKS:** are spectrally efficient and deliver reliable, secure and scalable networks.

**SPECTRAL EFFICIENCY:**

maximize network resources with 12.5kHz (FDMA) or 6.25kHz equivalent (TDMA upgradable\*\*) operation.

**TP9400 FEATURES:** the P25 Phase 2 (software upgradable) portable has built-in GPS\* and integrated Bluetooth® wireless technology\* connectivity for safe and efficient operations.

**P25 PHASE 2 UPGRADABILITY:**

future-proof your network with software upgradability to P25 Phase 2 for increased capacity, spectral efficiency and extra capabilities if later required.

**NETWORK AND DEVICE**

**MANAGEABILITY:** remotely monitor key network and product parameters, and build up a comprehensive picture of the status of your network.

**SYSTEM AND COVERAGE**

**DESIGN SERVICES:** plan and predict network performance through coverage modeling, then validate and verify on a live operating network.

**DEPLOYMENT SERVICES:**

experience reduced project-related risk, shorter time to implementation and a faster return on investment.

**ENCRYPTION (MANAGEMENT):**

adhere to privacy and confidentiality regulations, and benefit from the increased organizational effectiveness that private communications delivers.

**THIRD PARTY NETWORK ELEMENTS:**

Tait has a proven record of installing, integrating and testing third party or legacy equipment.

Tait also gives you the choice and the flexibility to work with your preferred equipment and service providers.

\*Please contact your local Tait representative to discuss your GPS and/or Bluetooth® solution requirements.  
\*\*Applicable only to the Phase 2 (upgradable) 9400 series.

Not all features or capabilities mentioned here may be available on all Tait P25 equipment. Please contact your local Tait representative for more information.

While Tait has taken every care to ensure that the information and contents are correct and up-to-date at the time of printing; the information may contain technical inaccuracies and/or printing errors.

The word "Tait" and the Tait logo are trademarks of Tait Limited. Tait is an ISO 9001: 2008 and ISO 14001: 2004 certified supplier.

The Bluetooth® word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. and any use of such marks by Tait Limited is under license. Other trademarks and trade names are those of their respective owners.