TASSTA

UNIVERSAL BRIDGE

TASSTA BRIDGE TO PMR

**Professional middleware solution interconnecting TASSTA
and PMR Networks
Cost-efficient and expandable application
to extend a radio solution**

TETRA Hytera ™
TETRA DAMM ™
TETRA Sepura PEI ™
DMR Hytera ™
MOTOTRBO ™
KENWOOD NEXEDGE ®
MPT 1327
ANALOG RADIO

T.BRIDGE: BENEFITS AND KEY FEATURES

T.BRIDGE provides a middleware solution to help businesses to overcome the challenges of integration by interconnecting a PMR System with TASSTA's features. T.BRIDGE application is based on middleware technology that securely connects the enterprise. Easy-to-use and easy-to-scale.

T.BRIDGE is designed to integrate TASSTA with a PMR radio network over voice (group and individual calls) and message communication. Furthermore, it is created as a supplementary part of T.RODON's Command and Control Centre Solution.

FLEXIBILITY

T.BRIDGE will extend the flexibility of your network. You can connect two different PMR systems (e.g. TETRA and MOTOTRBO ™). On the other hand, TASSTA can connect users who are actually working outside of your coverage and that way increase your range. Users connected by TASSTA have a choice in choosing their own device - Smartphones, Tablets or Desktops - across the operating systems including iOS, Android and Windows.

COMPATIBILITY

T.BRIDGE is a universal solution connecting PMR networks with each other over an API interface and expand the PMR network with TASSTA. The T.Bridge concept keeps the idea to provide users with vendor independence.

SCALABILITY

There is no limitation to expand an existing PMR solution. With T.BRIDGE you are able to connect another PMR or TASSTA network to an existing one. Adding other resources can expand your system as desired – anytime and everywhere.

PROFITABILITY

T.BRIDGE is a perfect extension to any PMR. It gives profitable advantage to keep the radios and add new communication end points from any corner of the world.
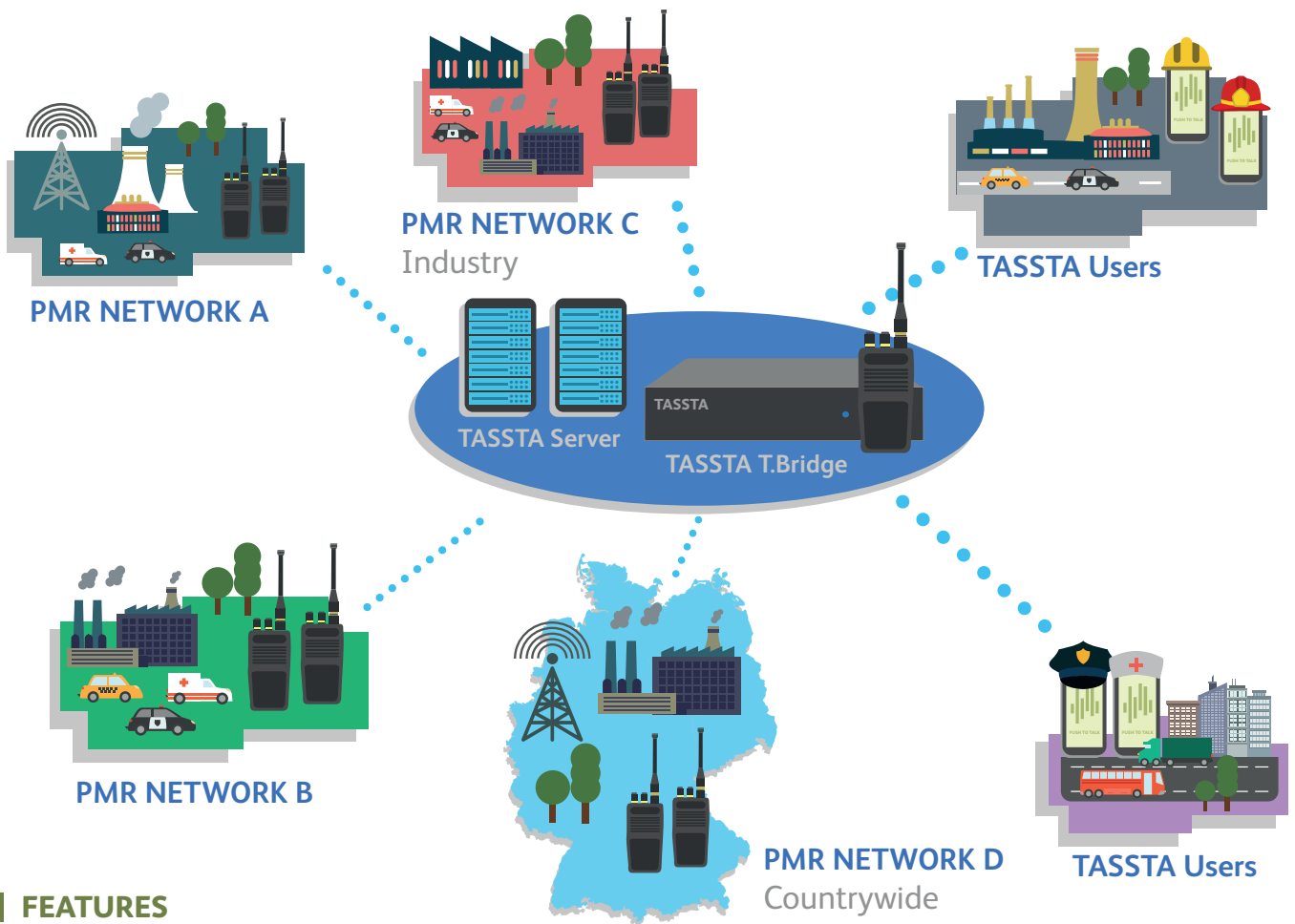
HARDWARE

T.BRIDGE solution is optionally accomplished with the Hardware unit.

▶ Case: aluminium & dust-proof

▶ Interfaces on rear side:
  1 x VGA, 2 x Gigabit-LAN, 4 x serial, 2 x USB 2.0

Power	Input Voltage 100-240 VAC (47...63 Hz)
Operating temperature	0 °C to +60 °C
Weight	1,25 kg
Dimensions (HxWxD)	21 cm x 5,5 cm x 12,6 cm

UNIVERSAL BRIDGE

PMR NETWORK C
Industry

PMR NETWORK A

TASSTA Users

TASSTA Server

TASSTA T.Bridge

PMR NETWORK B

PMR NETWORK D
Countrywide

TASSTA Users

■ FEATURES

Group Call	Voice communication in group. One of the main features supported by any T.BRIDGE configuration.
Individual Call *	Individual voice communication. One-to-one simplex call.
Individual Message/ Group Messages *	The feature allows to send/receive messages. T.BRIDGE handles all the routine to route messages between PMR and TASSTA Networks: to send/receive the messages between PMR networks as well as to send/receive messages from TASSTA to PMR and vice versa.
GPS tracking*	This feature provides an opportunity to obtain GPS coordinates from PMR terminals and TASSTA Clients. The GPS data can be displayed on the TASSTA Desktop Client map or routed to specified interfaces.
Intelligent hub	The PMR networks can be interconnected to each other via the TASSTA bridge application even from different corners of the world.
Interface to PMR	T.BRIDGE is connected to PMR radio infrastructure via defined interfaces (e.g. API, PEI, XCMP or any other). The features and functions of T.BRIDGE are defined in the scope of the according PMR interface and its possible functionality.
Different Frequency Bands	T.BRIDGE is not limited by frequency band. It fully depends on radio network infrastructure.

* for some PMR systems this option is currently under development. Please contact us and check on availability.

■ CONFIGURATION

Depending on the customer requirements T.BRIDGE can have several configurations:

Bridge Configuration	Description
Digital-TASSTA	Interconnection between TASSTA and Digital Network
Digital-Digital	Interconnection between two or more Digital Networks
Digital-TASSTA-Digital	Interconnection between two or more Digital Networks and a TASSTA Network

On request:
Analog-TASSTA,
Analog-Analog,
Analog-Digital,
Analog-TASSTA-Digital