



TASSTA BRIDGE TO KENWOOD NEXEDGE ®

Professional middleware solution interconnecting KENWOOD with TASSTA
Cost-efficient and easily expandable application to extend a radio solution

ANALOG
NXDN CONVENTIONAL
NXDN TRUNK C
NXDN GEN2
P25
DMR



T.BRIDGE: BENEFITS AND KEY FEATURES

T.BRIDGE provides a middleware solution to help businesses to overcome the challenges of integration by interconnecting KENWOOD NEXEDGE ® 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 KENWOOD NEXEDGE ® 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 systems. 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 end-devices (Smartphones, Tablets, Desktops).

■ COMPATIBILITY

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

■ SCALABILITY

There is no limitation to expand an existing KENWOOD NEXEDGE ® solution. Employing T.BRIDGE you are able to connect another KENWOOD NEXEDGE ® 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 KENWOOD NEXEDGE ®. It gives profitable advantage to keep the radios and add new communication end points from any corner of the world.

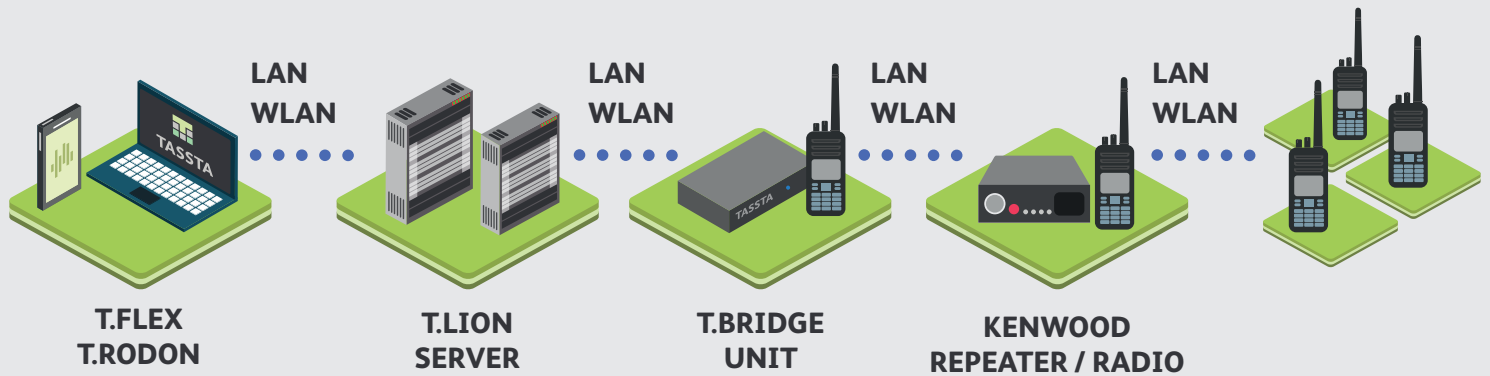
■ HARDWARE

T.BRIDGE solution is 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



KENWOOD BRIDGE FUNCTIONALITY:

GROUP CALL VOICE COMMUNICATION WITH RADIO TERMINALS FROM TASSTA CLIENTS

GPS POSITIONING AND PRESENTATION OF THE RADIO TERMINAL ON THE TASSTA CLIENTS MAP

SIGNALING PRESENTATION, WHILE PARTIES ARE TALKING

LOCATION REPORT STATUS FROM TERMINAL (LP)

TERMINAL TX STATUS (RCP)

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 KENWOOD NEXEDGE® and TASSTA Networks: to send/receive the messages between KENWOOD NEXEDGE® networks as well as to send/receive messages from TASSTA to KENWOOD NEXEDGE® and vice versa.
GPS tracking	This feature provides an opportunity to obtain GPS coordinates from KENWOOD NEXEDGE® terminals and TASSTA Clients. The GPS data can be displayed on the TASSTA Desktop Client map or routed to specified interfaces.
Intelligent hub	KENWOOD NEXEDGE® networks can be interconnected to each other via the TASSTA bridge application even from different corners of the world.
API interface to KENWOOD	T.BRIDGE is connected to KENWOOD radio infrastructure via Serial Connection** or LAN.
Different Frequency Bands	T.BRIDGE is not limited by frequency band. It fully depends on radio network infrastructure.

* Individual call is supported in Kenwood from TASSTA to radio
** UNDER DEVELOPMENT

SUPPORTED STANDARDS

Analog, NXDN Conventional, NXDN Trunk C, NXDN Gen2, P25, DMR

CONFIGURATION

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

Bridge Configuration	Description
NEXEDGE®-TASSTA	Interconnection between TASSTA and NEXEDGE® Network
NEXEDGE® - NEXEDGE®	Interconnection between two or more NEXEDGE® Networks
NEXEDGE®-TASSTA- -NEXEDGE®	Interconnection between two or more NEXEDGE® Networks and TASSTA Network

On request:

Analog-TASSTA,
Analog-Analog,
Analog-Digital,
Analog-TASSTA-Digital