TASSTA

PRODUCT PORTFOLIO

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THANK YOU FOR YOUR INTEREST IN TASSTA!

Who are we really?

The name TASSTA is made up of 3 key words:

“TA stands for the first two letters of the word TALK

“SS stands for sending meSSages

“TA are the last two letters in the word DATA

TASSTA IS WHAT WE DO,

WE OFFER VOICE COMMUNICATIONS,

MESSAGING AND DATA SOLUTIONS

FOR YOU TO BE CONNECTED TO EVERY

CORNER AROUND THE GLOBE.

The core of the existing TASSTA team has strong expertise in the professional mobile radio market. Our developers have spent years working as in-the-field service engineers for the principal TETRA providers in different projects all over the world. TASSTA's CEO, Kaveh Hosseinzadeh, has over ten years of experience in managing companies in professional mobile radio communications.

With a background like this, the team put all its efforts in bringing a revolutionary product on the market - an innovative PTT (Push-to-Talk) solution for PoC/IP users that meets all requirements for communication, organization and security. The team conserves every single feature of digital mobile communication and makes them usable on common smartphones, tablets and computers.

Existing TETRA or DMR networks can easily extend their coverage by connecting to TASSTA. The development of the TASSTA product range started in 2012. Today our system consists of different types of components: T.Lion is the communication server, T.Brother is for critical redundancy, T.Commander is our professional configuration and administration tool, T.Recorder is the software solution for secure recording and playback, T.Flex is the application running on client devices such as smartphones and tablets, T.Rodon is our command and control center desktop solution and T.Bridge is a gateway to other existing networks.

IF YOU CAN THINK IT, YOU CAN DO IT!

Being always one step ahead and offering a product that cannot be found in the portfolios of our competitors – this is the vision that the TASSTA team is committed to. We are continuously working to improve TASSTA to make it a perfect integrated communication solution for our customers.

PROFESSIONAL COMMUNICATION PLATFORM

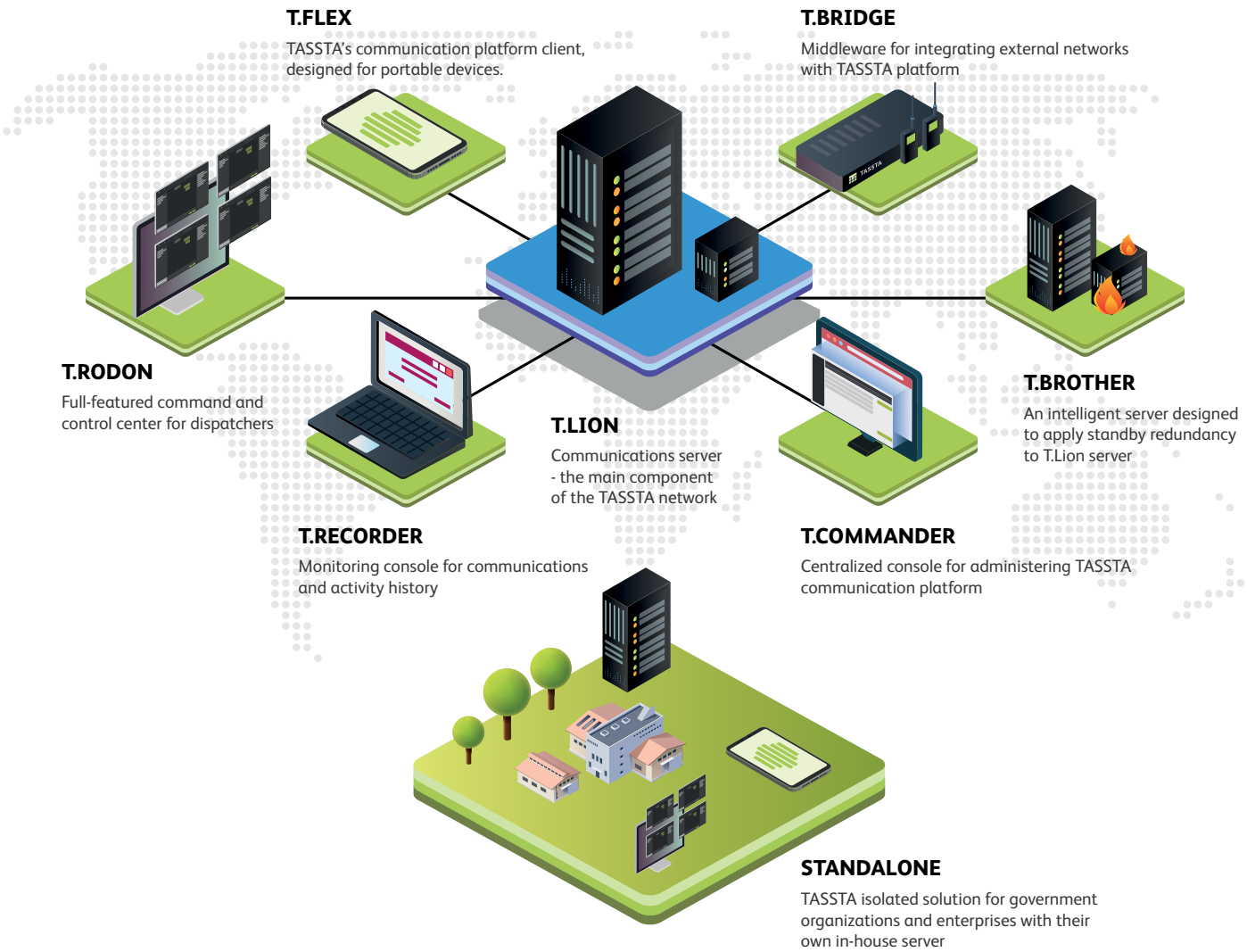
FOR ANY ORGANIZATION OF ANY SIZE

TASSTA vs. TETRA / DMR

FEATURE	TASSTA	TETRA /DMR
PUSH TO VIDEO		
MANDOWN		
MULTIPLATFORM CLIENTS AND ACCESSORIES		
BROADCAST CALL		
GROUP, INDIVIDUAL & PRIORITY CALL		
DYNAMIC GROUP CALL		
MESSAGES / SDS & STATUS MESSAGES		
DATA TRANSFER		limited transfer rate
TASK MANAGEMENT		
GPS LOCATION, GPS ROUTE, GEOFENCING		
INDOOR LOCALIZATION		
CRITICAL COMMUNICATION		
FAST CALL SET UP		
SECURITY / ENCRYPTION		
EMERGENCY CALL		
REMOTE FEATURES (PICTURE & VOICE)		Voice
ALARM NOTIFICATION		
VOICE RECORDING AND CALL HISTORY		
REPLAY ON END DEVICE		
NETWORK COVERAGE	worldwide	for extension additional base stations required
INDIVIDUALIZATION	limitless	
QR CODE, BAR CODE, NFC		
LONE WORKER PROTECTION (LWP)		
DYNAMIC GROUP NUMBER ASSINGMENT		
EMPLOYED STANDARDS	CDMA, GSM, UMTS, LTE, WIFI	TETRA / DMR
CONNECTION TO EXTERNAL SYSTEMS	different system interfaces on end Wdevice & system over API	PEI interface on end device or a switch over API

TASSTA SOLUTION

- TASSTA offers a modern Push-to-Talk solution which takes advantage of all the technical capabilities of regular smartphones.
- TASSTA provides a full package of individual, group and priority calls, messages including data transfer, voice recording, GPS and indoor tracking, alarms, emergency solutions and many other features. By connecting to the public IP network, TASSTA customers transcend geographical limits.
- By employing standard hardware, an organization is able to prepare for convenient day-to-day business through a reasonable investment in TASSTA solutions and technology.

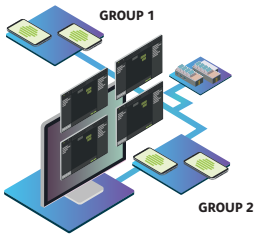


TASSTA FEATURES

PROFESSIONAL COMMUNICATION

- GPS LOCATION, GPS ROUTE, INDOOR LOCALIZATION
- REMOTE CAMERA AND MIC CONTROL
- PUSH TO VIDEO FOR SITUATIONAL AWARENESS
- VOICE RECORDING AND CALL HISTORY
- BRIDGE TO PMR
- MESSAGES,FILE EXCHANGE AND ALERTS
- EASE OF ADMINISTRATION
- GROUP, INDIVIDUAL, PRIORITY CALLS
- AES 256 ENCRYPTION, INDIVIDUAL KEY MANAGEMENT
- TASK MANAGEMENT SYSTEM
- MULTIPLATFORM CLIENTS AND ACCESSORIES
- EMERGENCY SOLUTION ALARMING, MANDOWN, LONEWORKER PROTECTION

TASSTA FEATURES



GROUP CALL

STATUS MESSAGE, TEXT AND DATA EXCHANGE

TASK MANAGEMENT

INDIVIDUAL CALL

GPS LOCALIZATION

GEOFENCING

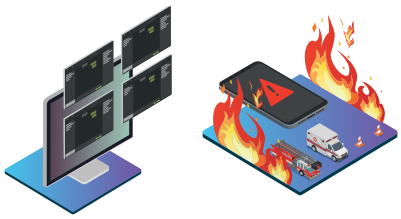
PRIORITY CALL

GPS ROUTE

E2E ENCRYPTION

DYNAMIC GROUP CALL

INDOOR LOCALIZATION



EMERGENCY CALL & LONEWORKER PROTECTION

VOICE RECORDING AND CALL HISTORY

VIDEO

BROADCASTING

T.LION

CLOUD AND DEDICATED COMMUNICATION SERVER

T.Lion is the TASSTA communication server – the main component of the greater TASSTA communication network.

It's the heart and brain of the system.

It shares resources among clients on request and provides reliable communication with sub-second performance.

Available in SaaS (software as a service) form or as a standalone on-premises deployment.

STANDALONE

Deployed on top-of-the-line powerful web-hosted servers, designed as a Higher Availability system. The service is always up and running. Scheduled backups of all data are stored for individual accounts.

CLOUD

Hosted on top-notch powerful web servers, designed as a Higher Availability system. The service is always up and running. Scheduled backups of all data stored in accounts.

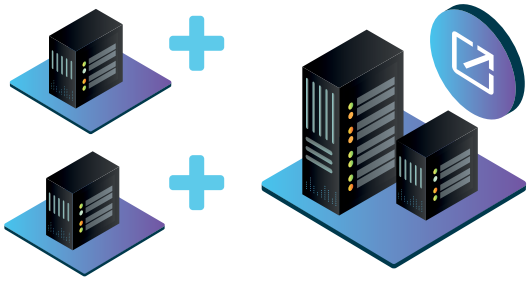
T.COMMANDER

T.Commander is a web-based application built to control the resources and features on TASSTA servers. It is designed for a large number of servers and nodes. Nodes are the logical representation of hosted resources that handle groups of servers. With this approach T.Commander allows flexible maintenance and system expansion, deployment of new servers and nodes.

As a result, you have a single tool to control your environment. In particular, T.Commander lets the administrator create, delete, and edit users, teams, and groups. It also gives you tools to manage the set of functionality for each individual user. All the features that T.Flex and T.Rodon provide can be individually managed, enabled, and disabled through T.Commander.

T.LION FEATURES

SCALABILITY



The T.Lion solution is enormously scalable and can run on a range of computing hardware. The system architecture supports multi-server connectivity, and it is designed with cost efficiency and system redundancy in mind.

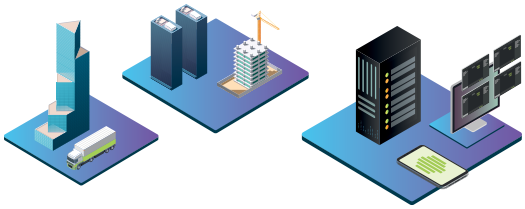
DATA SECURITY

TASSTA network security is a more comprehensive solution than just asking for username and password. The T.Lion server provides the ability to selectively manage access to a variety of TASSTA services and features, and administer the rights of each user and group.

DATA & VOICE ENCRYPTION

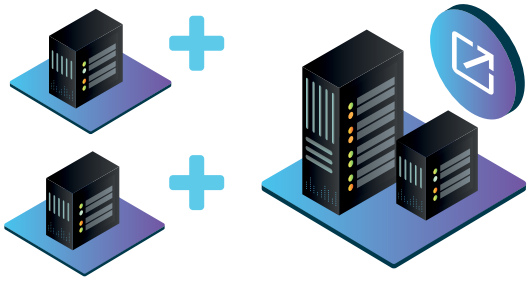
In order to guard T.Lion against advanced threats in complex and evolving cloud services, organizations must increasingly take a data-centric approach to safeguard sensitive information. TASSTA offers a full encryption portfolio that provides persistent protection of voice and data for a higher security level of communication.

FLEET MANAGEMENT



The T.Lion server provides fleet and operations staff with specialized monitoring and tracking tools, grants them the ability to trace and record the movements of their mobile assets and workforce, store accurate GPS data and keep voice and data recordings in history for a long time.

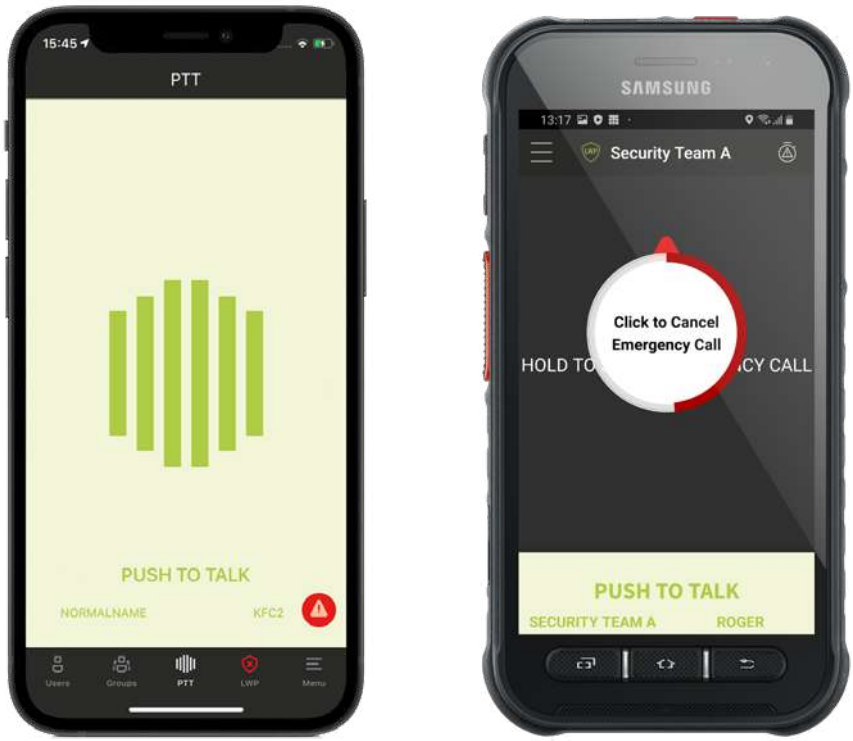
REDUNDANCY



The TASSTA communication solution has high availability capabilities. By using T.Brother on a redundant TASSTA server in a geographically remote data center, you ensure that end users use TASSTA services with maximum reliability.

T.FLEX

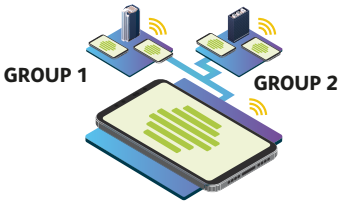
PROFESSIONAL PUSH-TO-TALK OVER BROADBAND SOLUTION



T.Flex is TASSTA's application designed for smartphones or tablets. T.Flex runs on IP networks (2G/3G/4G/wi-fi) powered by the most popular operating systems Android, iOS, and Windows. It grants users maximum operational capability with a modern user interface and keeps high availability even on slow data networks.

T.Flex provides always-on PTT operation, messaging, status messages, voice recording, and GPS location management. T.Flex can run alongside your other business applications, enabling device integration capabilities. Fully managed by T.Commander, instances of the T.Flex application are always under your control. The application also includes additional features for handling critical situations.

T.FLEX FEATURES



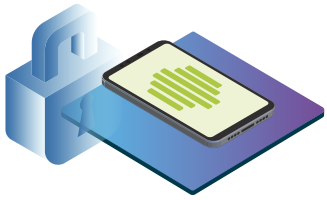
GROUP CALL

INDIVIDUAL CALL

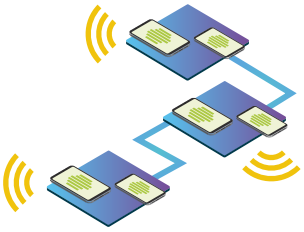
PRIORITY CALL

EMERGENCY CALL & LONE WORKER PROTECTION

STATUS MESSAGES, TEXT AND DATA EXCHANGE



E2E ENCRYPTION



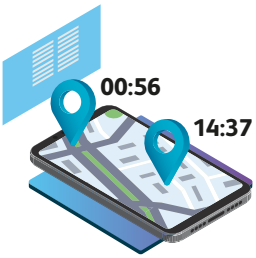
DYNAMIC GROUP CALL

REMOTE CONTROL

VIDEO

VOICE RECORDING AND CALL HISTORY

GPS LOCALIZATION



GPS HISTORY TRACKER

GPS ROUTE

TASK MANAGEMENT

INDOOR LOCALIZATION

T.RODON

PROFESSIONAL COMMAND AND CONTROL CENTER SOLUTION

T.Rodon is TASSTA's command and control center solution that provides powerful and flexible features. These features bring the TASSTA solution to a higher professional level of communication. T.Rodon can be deployed as a desktop application, or it can run in the field in mobile environments. It has an easy and intuitive installation process and can be set up on a wide range of Windows computers in minutes.

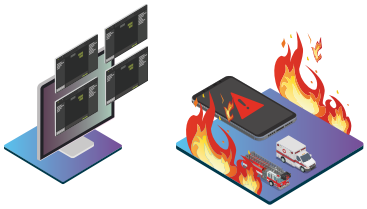
T.RODON FEATURES

GROUP CALL

INDIVIDUAL CALL

PRIORITY CALL

DYNAMIC GROUP CALL

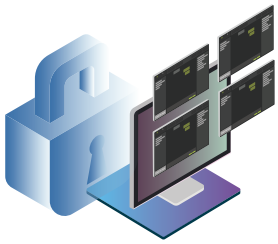


EMERGENCY CALL RECEIVING

REMOTE CONTROL

STATUS MESSAGES, TEXT AND DATA EXCHANGE

LONE WORKER PROTECTION



E2E ENCRYPTION

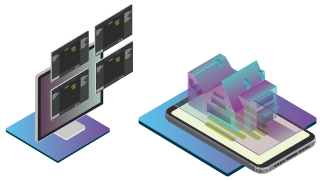
VOICE RECORDING AND CALL HISTORY

MAP TOOLS

GPS LOCALIZATION

GUARD TOUR

TASK MANAGEMENT



INDOOR LOCALIZATION

T.BRIDGE

TASSTA BRIDGE TO PMR

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

SUPPORTING NETWORKS

TETRA HYTERA ®	KENWOOD
TETRA DAMM ®	NEXEDGE ®
TETRA SEPURA PEI ®	P25 ®
DMR HYTERA ®	MPT 1327 ®
MOTOTRBO ®	ANALOG RADIO ®
KENWOODCONVENTIONAL ®	TAIT ®
KENWOOD DMR®	ICOM ®

T.BRIDGE: BENEFITS AND KEY FEATURES

T.Bridge is a middleware solution that helps businesses overcome the challenges of integration by enriching PMR systems with TASSTA features.

The T.Bridge middleware securely connects the enterprise. It's easy to use and easy to scale. T.Bridge is designed to integrate TASSTA with a PMR radio network for voice (group and individual calls) and message communication. Furthermore, it is used as a supplementary part of the T.Rodon command and control center solution.

FLEXIBILITY

T.Bridge improves the flexibility of your network. You can connect two incompatible PMR systems (for example, TETRA and MOTOTRBO™). In addition, TASSTA can even connect users who are working outside your radio coverage and in that way increase your range. Users connected by TASSTA have freedom in choosing their own device – smartphone, tablet or desktop – because iOS, Android and Windows are all supported operating systems.

COMPATIBILITY

T.Bridge is a universal solution that connects PMR networks with each other through an API and makes the PMR networks compatible with TASSTA. T.Bridge implements the concept of ensuring vendor independence for users.

SCALABILITY

There are no limits on expanding an existing PMR solution. With T.Bridge, you can connect another PMR network to an existing one or integrate a TASSTA network. Add other resources to expand your system as necessary – anytime and everywhere.

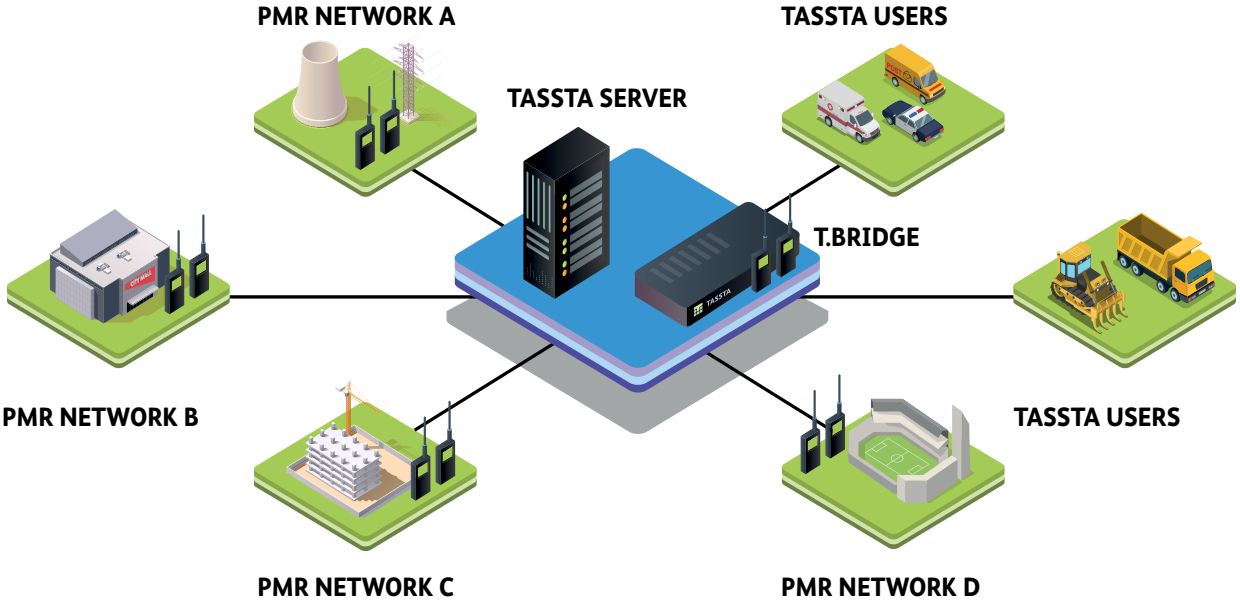
HARDWARE

The T.Bridge solution is optionally provided as a preconfigured 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 VA C (47.63Hz)
Operating temperature	0 °C to 60 °C
Weight	1,25 kg
Dimensions (HxWxD)	21cm x5,5 cmx 12,6 cm

T.BRIDGE FEATURES



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 users to send and receive messages. T.Bridge handles all the routine to route messages between the PMR and TASSTA networks, delivering messages between PMR networks or from TASSTA to PMR and the other way around.
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 with each other via the TASSTA bridge application no matter how far apart in the world.
Interface to PMR	PMR networks can be interconnected with each other via the TASSTA bridge application no matter how far apart in the world. T.Bridge is connected to the PMR radio infrastructure through well-defined interfaces (such as API, PEI or XCMP). The features and settings of T.Bridge are defined by the scope of the PMR interface in use and its supported functionality.
Different Frequency Bands	T.Bridge is not limited by frequency band. It fully depends on radio network infrastructure.

Configuration

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

T.CONNECTOR

TASSTA'S PATCHING SOLUTION

```go
func patchChannels(ctx context.Context, chn1, chn2 *radio.Channel) {
    for {
        select {
        case <-ctx.Done():
            return
        case a1 := <-chn1.audio:
            chn2.Send(a1)
        case a2 := <-chn2.audio:
            chn1.Send(a2)
        case sig1 := <-chn1.signaling:
            chn2.Signal(sig1)
        case sig2 := <-chn2.signaling:
            chn1.Signal(sig2)
        }
    }
}
```

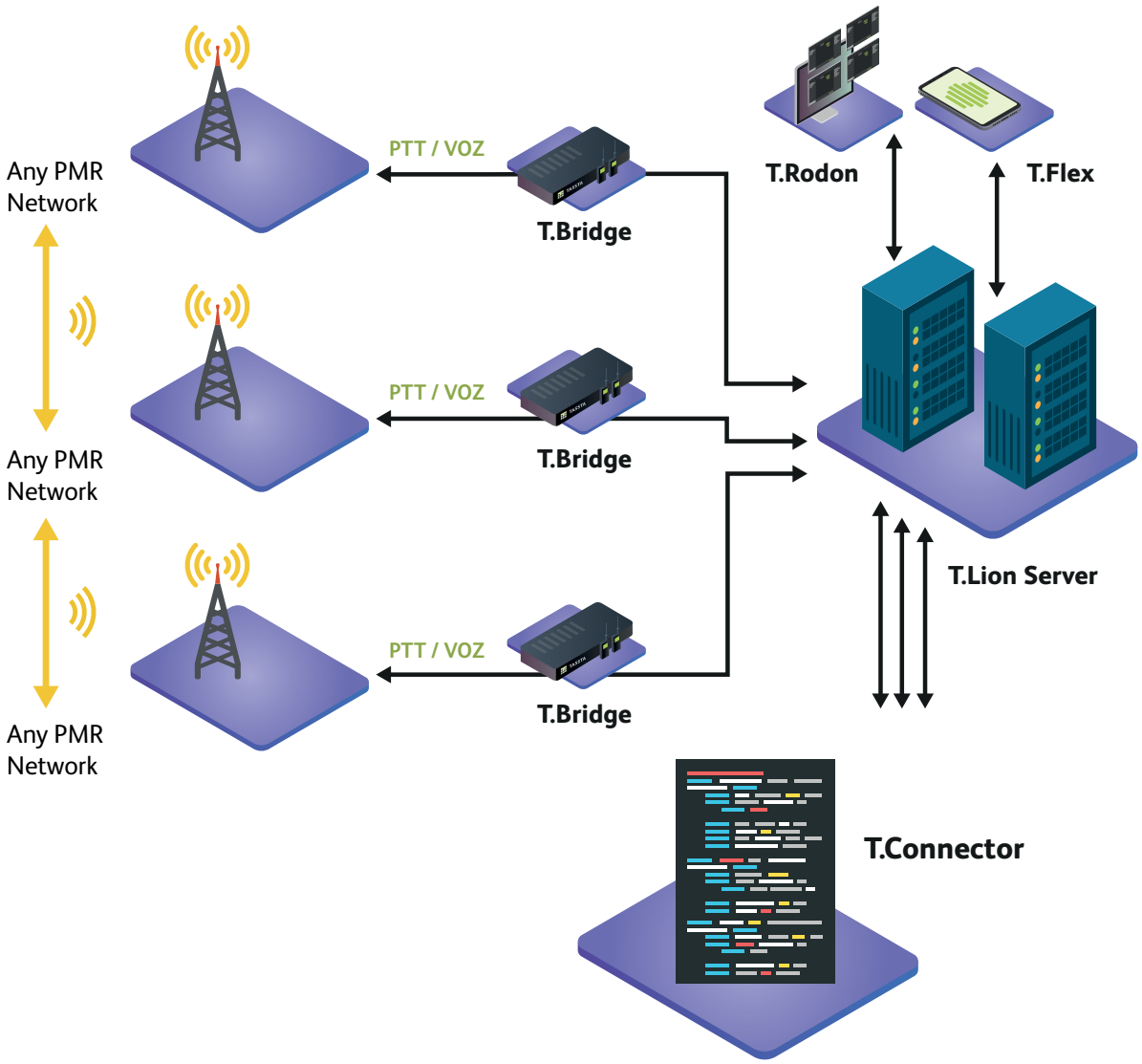
A professional middleware solution for interconnecting different channels from different radio solutions which run on the same server.

T.Connector serves as the interface between radio transmitter/receiver A and radio transmitter/receiver B, so two-way radio users can send and receive PTT group calls from incompatible radio systems.

T.Connector is a radio-to-radio interconnection. Designed for radio common carriers, co-ops, utilities and private systems where a number of different users need to communicate across a variety of radio systems. This provides flexible operation as a radio patch between different radio vendors.

TASSTA's patching solution allows receiving PTT and voice flows between several bridges (connected to different brands) in one communication solution with TASSTA applications running on smartphones.

T.CONNECTOR FEATURES



SUPPORTED NETWORKS

Hytera · sepura a Hytera company · tait communications · ICOM · KENWOOD · DAMM · MOTOROLA

T.RECORDER

ADVANCED VOICE, DATA AND CALL RECORDING

T.Recorder is a smart, reliable and easy-to-use TASSTA software solution for secure recording and replay of voice and data communications that occurred within the TASSTA network.

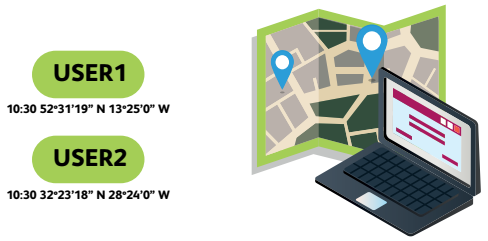
It is designed to help organizations keep records and enhance their mission-critical responses.

T.Recorder provides a great set of tools to sort, search and replay voice records, view messages history and monitor user activity in channels. Furthermore, T.Recorder gives you the ability to analyze user movements based on the GPS location history. In order to keep data secure, all data and voice records are stored on the TASSTA server. T.Recorder also lets you back up all voice communication on a local drive.

Designed to be a user-friendly application, it offers easy ways to navigate recorded data. The software makes monitoring and collecting data simple for anyone, whether tech savvy or inexperienced. Everyone will benefit from T.Recorder's focus on consumer needs.

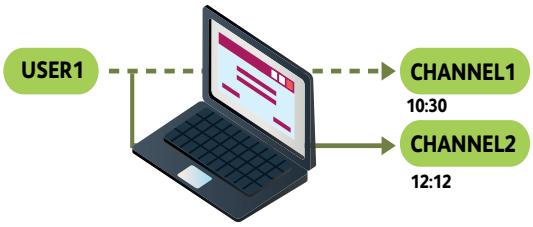
T.RECORDER FEATURES

GPS RECORDING



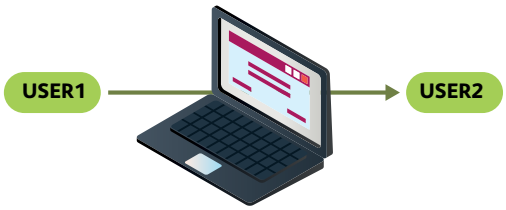
An operator can quickly access the user movement history and keep track of specific T.Flex users. The coordinates are displayed with reference to the time of change. T.Recorder supports export of GPS data to CSV so that you can import the data into mapping software, such as Google Earth, to create a 2D virtual artwork on a large scale.

CHANNEL CHANGING



View users' movements through channels. This feature allows you to track a user's actions, the names of the visited channels and the times of the visits.

NAME CHANGING



View the history of login changes. This helps you keep track of the activity of users that you might not recognize otherwise.

CONNECTION STATUS

View the login history of TASSTA clients (T.Flex and T.Rodon) to know exactly who logged in and out at what times.

INDIVIDUAL & GROUP CALL RECORDING

T.Recorder users can track every individual and group call and export them to files. The call details are also available: time, duration, channel data, login and alias. This data can be provided by both the calling user and answering user.

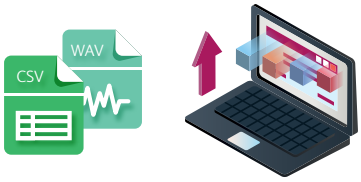
MESSAGE RECORDING

View data about all written communication on a server. The T.Recorder user can view the sender and recipient information and read the text of each message. All emergency messages are highlighted red to help you quickly evaluate the severity status. You can export the text messages or transferred files to a local drive.

EMERGENCY CALLS RECORDING

Thanks to the tracking and recording of every emergency call, all emergency calls can be examined for compliance with applicable procedures in critical situations. Data for each call is displayed and can be exported.

DATA EXPORT

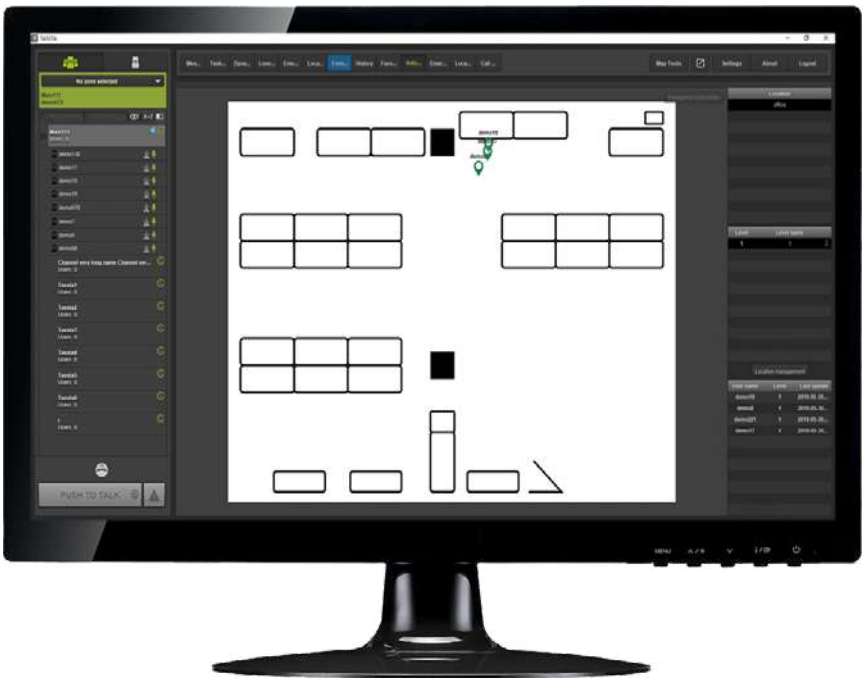


T.Recorder supports export of all data in CSV format and lets you download recordings in the WAV format.

INDOOR LOCALIZATION

OPTIMIZE THE PROCESSES OF INTERACTION WITH PERSONNEL AND VEHICLES

REDUCE THE NUMBER OF ACCIDENTS AND PRODUCTION RISKS



TECHNOLOGY

A modern and promising addition to GPS. Allows you to accurately indicate the location of users inside buildings and underground structures. Unlike GPS, it does not provide global coverage, but it is more accurate, efficient, and adaptive to local enclosed environments such as airports, metro stations or tunnels. Technologies used in indoor localization allow you to detect the user even in places where the GPS signal is completely absent. Fingerprinting is the most well-known approach for solving these problems.

GPS positioning is based on signals sent by satellites. The more satellites the GPS receiver can see, the higher the accuracy. Like satellites, fingerprinting requires the presence of active WiFi access points or Bluetooth tags. This technology is based on “fingerprints” – a database of measured signals from wireless LAN access points (WLAN) or Bluetooth tags at various locations of the structure.

Using fingerprinting technology and additional functionality, TASSTA allows you to determine the position of one person or the whole group, accurate to one meter. Moreover, the built-in tools of TASSTA clients allow you to deploy indoor navigation on the premises in the shortest possible time. Today, the TASSTA solution is being used in various industries at various enterprises.

INDOOR LOCALIZATION

INCREASES EFFICIENCY

The ability to locate personnel and movable objects within buildings and structures helps optimize existing production processes and make work more secure. Coupled with public GPS, indoor localization is actively used in warehouses, factories and logistics companies, airports, railway stations, hospitals, fairs and museums.

Moreover, indoor localization can be an excellent addition to systems for various purposes, and the transfer of location to the control desk (T.Rodon) will allow centralization and increase the safety of work.

TASSTA's indoor localization helps in solving production problems of various levels of complexity, from full automated localization of cargo pallets to the localization of mobile operating terminals. Deployment of TASSTA solutions at the enterprise increases efficiency and coordination of employees, because it improves their interaction.

LONE WORKER PROTECTION

LONE WORKERS ARE THOSE WHO WORK BY THEMSELVES WITHOUT CLOSE OR DIRECT SUPERVISION.

- MAN DOWN
- NO MOVEMENT ALARM
- PERIODIC CHECK
- EMERGENCY CALL
- REMOTE CAMERA / RECORDING
- CRISIS TEAM

following the requirements of

BGR 139

STANDARD

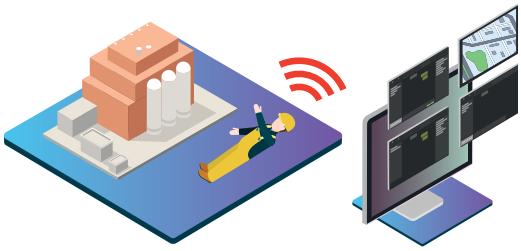
Establishing a healthy and safe working environment for lone workers can be different from organizing the health and safety of other employees. They should not be put at more risk than other people working for you. It will often be safe to work alone. However, the law requires employers to think about and deal with any health and safety risks before people are exposed to their work environment. TASSTA's Lone Worker Protection is an emergency feature in your employee's pocket. Whether your lone workers are working in a remote or dangerous location or they are just temporarily away from their team, TASSTA's Lone Worker Protection features keep you connected to your team.

LWP KEY FEATURES

MANDOWN

The automatic emergency option uses an accelerometer on the mobile device to detect a fall and, after a timeout, send a text message alert and start an emergency call with the emergency contact. The text message indicates username and GPS coordinates with a link to the exact location on the map.

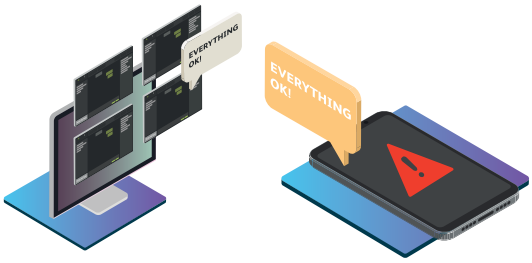
NO MOVEMENT ALARM



An effective way to make the pathway of a worker safer. While the feature is active, the app uses accelerometer data from the mobile device to detect user movement.

If a user remains motionless for a certain period of time, an inactivity timer starts. If there is still no movement, the application sends an emergency alert and automatically initiates an emergency call.

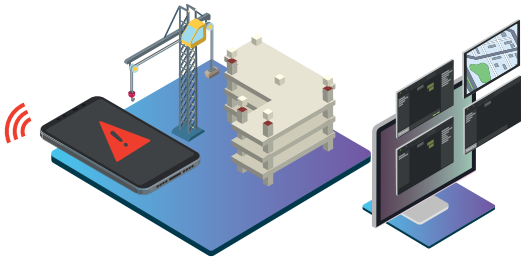
PERIODIC CHECK



LWP Periodic Check provides an "Everything fine?" pop-up window at regular time intervals that can be configured in T.Commander.

If a worker doesn't respond, the application initiates an emergency call and an emergency alert.

EMERGENCY CALL



For use in emergency or distress situations. A user initiates this feature from the display or by pushing a pre-programmed emergency button on the device. The activation of emergency immediately sends an acoustic and visual alarm to the dispatcher, alerting them of an emergency situation.

REMOTE CAMERA / RECORDING

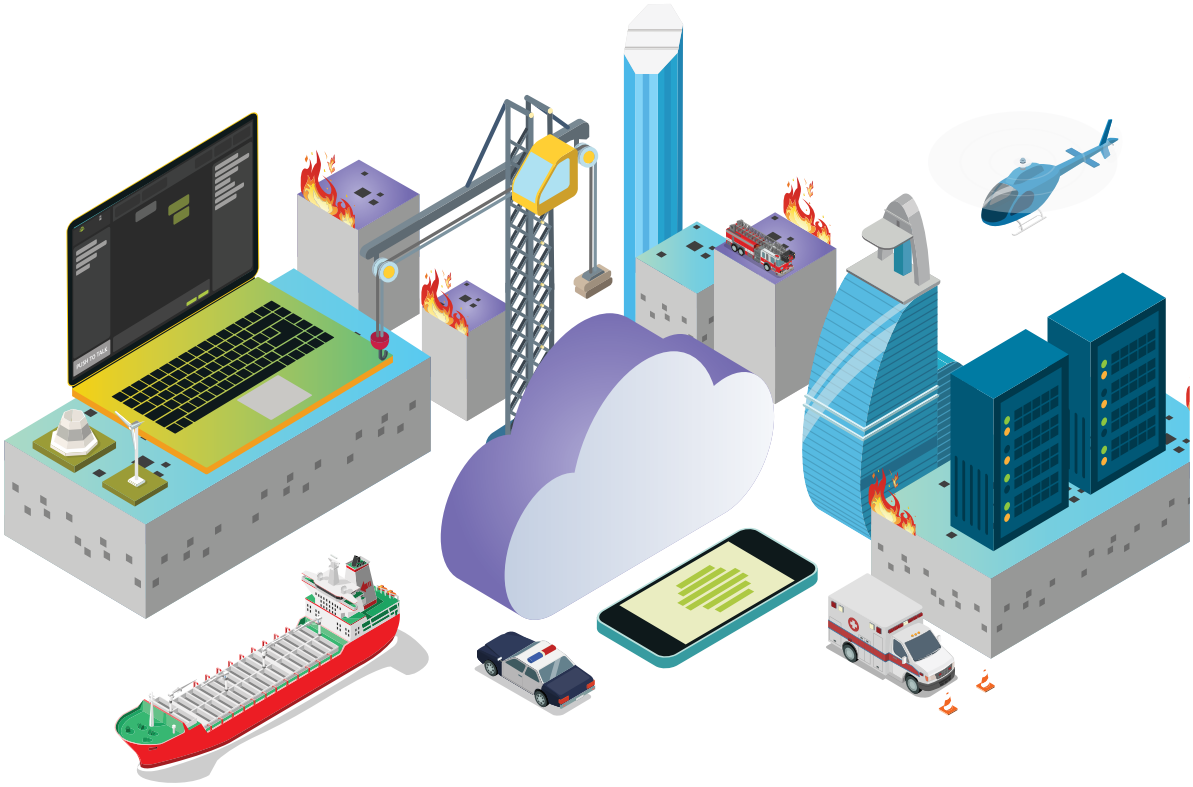
An operator is able to access the microphone or camera of the desired user remotely. It might be very important for critical environments such as security services or the military where the person can be attacked or is working in high-risk conditions.

TEAMS

You have the option to include other subscribers in a team, possibly designated as a crisis team. They will receive an emergency call in the event of an accident or an emergency situation. The members of the team are defined in T.Commander.

MCPTT SOLUTION

MISSION CRITICAL SERVICES: MCPTT, MCVideo, MCData



The MCX TASSTA solution is applicable primarily to mission critical services relying on LTE availability.

Certain mission-critical service functionality sets such as dispatch and administrative functionality can also be supported over non-3GPP networks.

The solution can be used for public safety applications and also for general commercial applications in businesses such as utility companies and railways.

MCPTT - Mission Critical Push-to-Talk

A push-to-talk service provides an arbitrated method by which two or more users engage in communication. Users may request permission to transmit (traditionally, by pressing a dedicated button).

The Mission Critical Push-to-Talk over LTE (MCPTT) service supports an enhanced PTT service, suitable for mission critical scenarios, based upon 3GPP Evolved Packet System (EPS) services. The requirements for Mission Critical Push-to-Talk (MCPTT) service an also form the basis for a non-mission critical Push-to-Talk (PTT) service.

The MCPTT service is intended to support communication between several users (a group call), where each user has the ability to receive permission to talk in an arbitrated manner. However, the MCPTT service also supports private calls between pairs of users. The MCPTT service builds on the existing 3GPP transport communication mechanisms

provided by the EPS architectures to establish, maintain, and terminate the actual communication paths among the users.

The MCPTT service also builds upon service enablers: GCSE_LTE and ProSe. To the extent feasible, it is expected that the end user's experience will be similar whether the MCPTT service is used under coverage of an EPC network or based on ProSe without network coverage. To clarify this intent, the requirements are grouped according to applicability to on-network use, off-network use, or both.

MCVideo - Mission Critical Video

MCVideo defines a service for Mission Critical video communication using LTE transport networks. The term Mission Critical refers to meeting the needs of agencies providing public safety services such as police, fire brigades and ambulance services. Those needs include high reachability, availability and reliability of the service, low latency, real-time operating capabilities, highly secured operations, interoperability with other services and systems, private and group communications, handling of emergencies and ability to provide prioritization, pre-emption, queuing and QoS.

Although the service is designed for transport over commercial and dedicated LTE networks it is not expected to be limited to use over LTE.

- **Video capture and encoding;**
- **Secure streaming and storing of the video;**
- **Video decoding and rendering;**
- **Processing of the video, including the ability to annotate video frames and recognize video features;**
- **Mission Critical and public safety level functionality (e.g. group sessions, affiliations, end-to-end confidentiality, emergency type communications) and performance (e.g. low latency);**
- **Transmission and control of the parameters relevant to those functions;**
- **Secure operation such that video information can be reasonably un-impeachable when used in evidentiary procedures;**
- **Definition and configuration of MCVideo groups and applications;**
- **Configuration of the MCVideo users' profiles and of the MCVideo UEs; and**
- **Interoperability with other services and systems.**

MCData - Mission Critical Data

MCData is a service for mission critical data operations. In addition to voice services, today's mission critical users have been increasing their use of data services, including low throughput services on legacy networks and data services on commercial networks. This need will continue to grow with the creation of new multimedia services. The MCData service needs to provide a means to manage all data connections by mission critical users in the field and provide relevant resources to the ones who need them. For example, mission critical users already use event manager software along with the voice system. Migration to LTE networks will allow mission critical users to take advantage of existing and new data services while relying on the fundamental capabilities of mission critical communication such as those defined for MCPTT.

UNLIMITED FEATURES FOR ANY OCCUPATION OR INDUSTRY

User Interface

- Logical, friendly and intuitive GUI with modern design and high usability;
- Multi-functional interfaces;
- Multi-language support;
- Multi-screen operation, and custom window sizes;
- Secure access and communication;
- Integration with external devices and accessories;
- Favourite PTT.

Amazing voice communication facilities

- Group Call;
- Individual Simplex Call;
- Direct Call;
- Inactivity Timeout;
- Priority Call;
- Dynamic Group Call;
- Dispatch of Emergency Call with GPS location notification;
- Multigroup communication and listening;
- Silent mode – mutes the user or group;
- Group Call to PMR over T.BRIDGE.

Messaging

- Text and file exchange;
- Status messages;
- MCGW (Multi communication gateway);
- Recent messaging history;
- Message exchange with PMR via T.BRIDGE;
- Emergency Journal.

- **Voice Recording and Call History**

- Call details: time, date, user and group;
- Voice records replay;
- Save records to an external storage device;
- Read records from the external storage device;
- History filtering and sorting tools.

Map interface

- Graphic and visualization on the map;
- Map zoom in/out;
- Customizable map window size (designed for multi-screen use);
- Detailed street view;
- Real-time positioning and precise location of TASSTA users on Map;
- WHO IS TALKING status and a user identification;
- Fast Call Setup from the Map Interface;
- Integration with other interfaces (messaging, add to a task, dynamic groups, center on the map, mute);
- Centering user on the map.

Powerful Map tools

- Include all Map interface features;
- Geofencing (create/edit/delete virtual zones on the map);
- Define new zone;
- Define zone properties;
- Zone control (Monitoring In/Out);
- Modify zone shape/border;
- Export/import zones (backup/restore);
- List of all available zones;
- Track History (Routes) for each user;
- Shared users with online status;
- Dynamic groups;
- Emergency messages;
- Integration with Groups, Messaging, Task Manager, Dynamic Group.

In-House Localization

Task Manager

- Task/order/issue tracking in real time;
- Customer service data;
- Combinable and customizable filters.

Remote control functions

- Remote taking photo;
- Ambience listening.

Lone Worker Protection (LWP)

- Sensor Check;
- Periodick Check;
- Mandown;
- Movement;
- Detect Impact and Fall Monitor;
- Battery Control;
- Connect/Disconnect;
- Emergency Contact.

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