2017

TASSTA

SIMPLY PROFESSIONAL

CONTACT US

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INNOVATIVE COMMUNICATION

- **PTT-based radio system**
- **For Android, Windows & iOS**
- **For mobile and desktop clients**
- **User-friendly and intuitive design**

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INDUSTRIES TO APPLY

- Public Transportation
- Freights & Logistics
- Courier Services
- Emergency Services
- Construction & Installation
- Suppliers
- Health Services

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KEY FEATURES & BENEFITS

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RELIABLE COMMUNICATION

2G

3G/4G

E1

DMR

BLUETOOTH

IP

LTE

TETRA

WIFI

NFC

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TASSTA MEETS PMR

	PMR	TASSTA
Group Call	✔	✔
Individual Call	✔	✔
Priority Call	✔	✔
Messages / SDS	✔	✔
GPS	✔	✔
Status Messages	✔	✔
Data Transfer	✔	✔
Critical Communication	✔	✔
Fast Call Set Up	✔	✔
Security/ Encryption	✔	✔

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TASSTA MEETS PMR

	PMR	TASSTA
Video	✗	✓
Lone Worker Protection (LWP)	✓	✓
Voice Recording	✗	
Coverage	Limited	Worldwide
Customizable	Limited by Standard	Endlessly
QR Code, Bar Code, NFC	✗	✓
Dynamic Groups / DGNA	✓	✓
Applied Standards	TETRA, DMR	CDMA, GSM, WiFi
External PTT Devices	PBX, PSTN	PEI Interface or API

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FLEXIBLE HARDWARE

- Applicable for different Hardware
- Professional Bluetooth handsfree Equipment
- Compatible with different Smartphones
- Special solutions for different carriers
- Employment of IP certified devices (special Outdoor Devices: Fire-, Water-, Dust-resistant)

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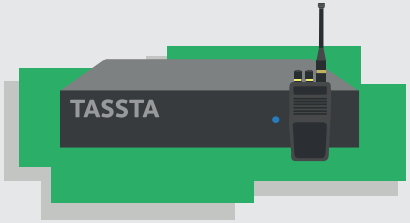
TASSTA PRODUCTS

T.COMMANDER

T.LION



T.BRIDGE

T.RODON

T.RECORDER

T.FLEX

T.Br T.F T.L T.R T.Rec T.C

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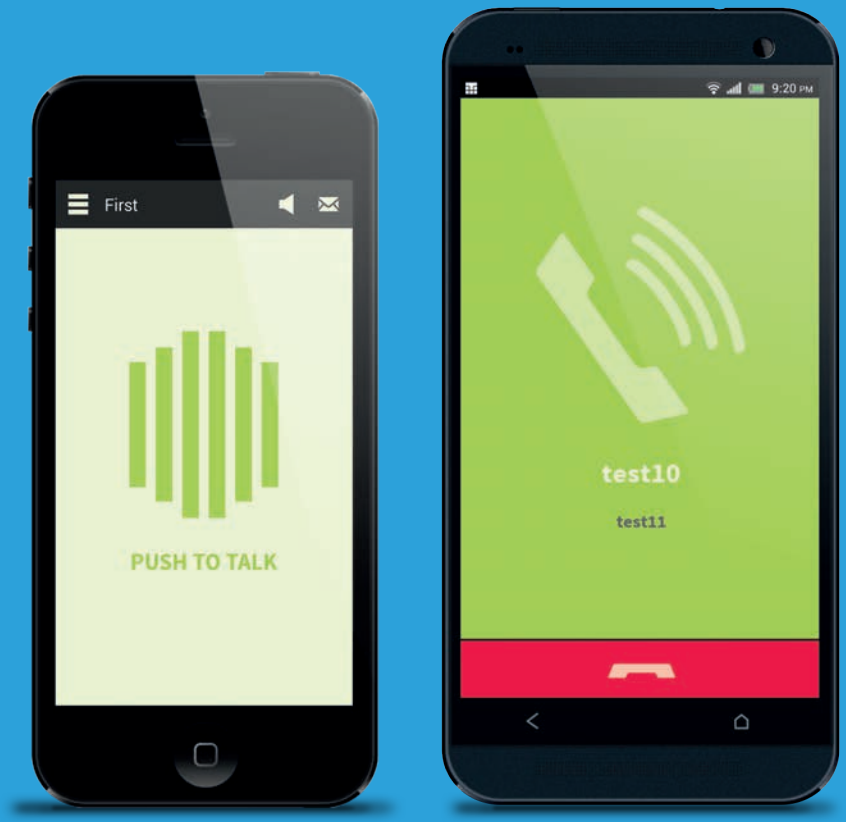
T.FLEX

- For Android and iOS
- Excellent communication with different mobile networks
- Complete package for Data- and Voice Transfer
- Innovative PTT in mobile radio



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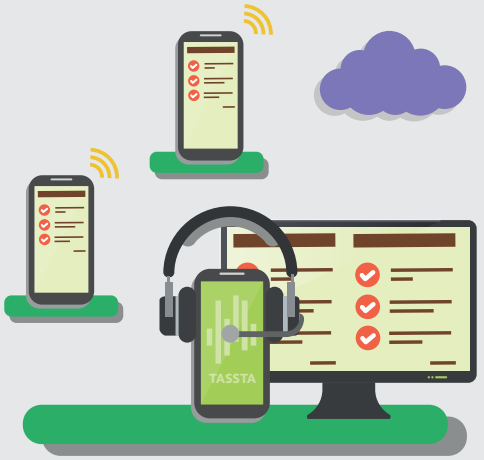
YOUR MOBILE CAN DO

GROUP CALLS

STATUS MESSAGES,
TEXT / DATA EXCHANGE



ENTERPRISE MANAGEMENT AND
CONTROL (EMC)

INDIVIDUAL CALLS

GPS LOCATION & TRACKING

GEOFENCING

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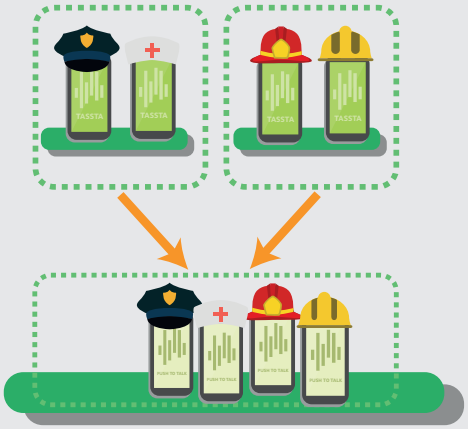
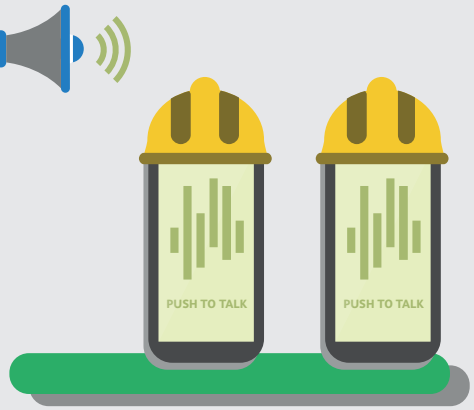
YOUR MOBILE CAN DO

PRIORITY CALLS



DYNAMIC GROUP CALL



BROADCAST CALLS

MESSAGE EXCHANGE

LOCAL POSITIONING SYSTEM

MANDOWN / LONE WORKER

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YOUR MOBILE CAN DO

VOICE RECORDING & CALL HISTORY

EMERGENCY CALLS

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3 STEPS FOR A HIGH SECURITY AT WORK

MAN DOWN

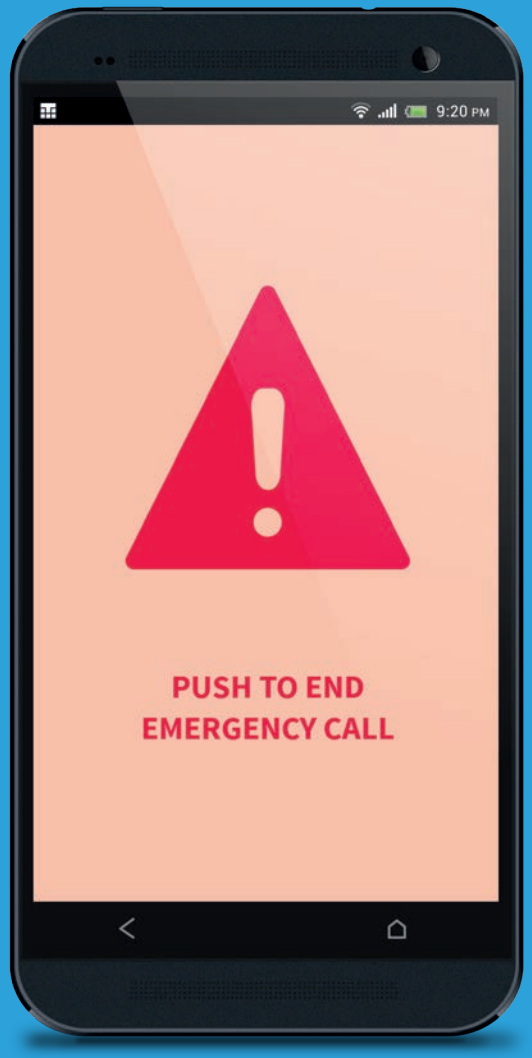
As soon as the mobile is in a horizontal position for a defined period of time, an automatic highlighted text message including the GPS coordinates will be sent to the group.

ALARM

Using the Alarm Button an Alarm Signal goes to the group incl. GPS coordinates.

EMERGENCY CALL

Pushing the Emergency Call Button an Alarm Signal goes to everyone on the server incl. GPS coordinates. Additionally, a duplex call is initiated and both parties can talk in duplex mode.



TASSTA is in progress meeting the requirements of DIN V VDE V 0825-1 and -11.
Certification is expected in autumn 2016

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REMOTE CONTROL

EVERYTHING IS UNDER CONTROL WITH REMOTE PICTURE CAPTURE

- Your smartphone takes pictures of a defined area in regular intervals
- Comparison of taken pictures and emergency message to contact if variation is detected

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T.RODON

Dispatcher - Command and Control Center
For Win 7/8/10 and Mac
For several desktops

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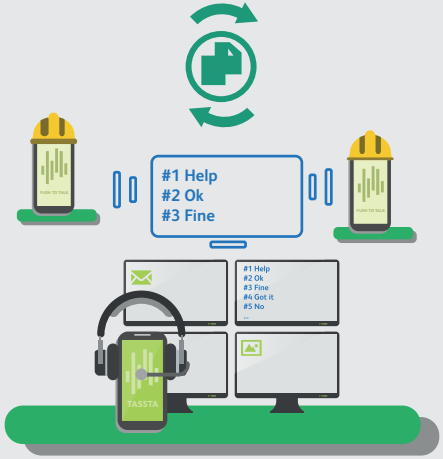
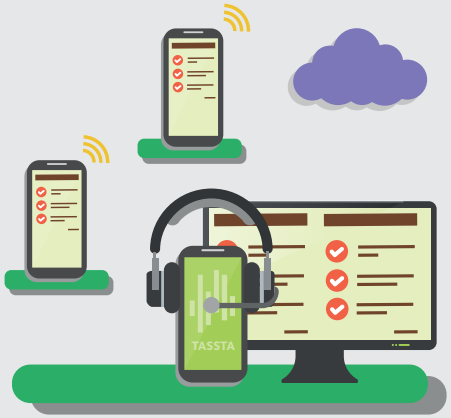
YOUR DESKTOP CAN DO

GROUP CALLS



STATUS MESSAGES,
TEXT / DATA EXCHANGE



ENTERPRISE MANAGEMENT AND
CONTROL (EMC)

INDIVIDUAL CALLS

GPS LOCATION & TRACKING

GEOFENCING

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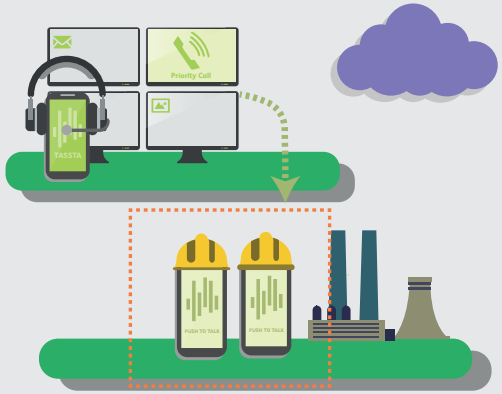
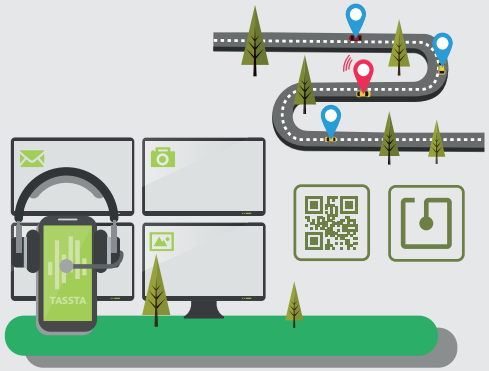
YOUR DESKTOP CAN DO



PRORITY CALLS

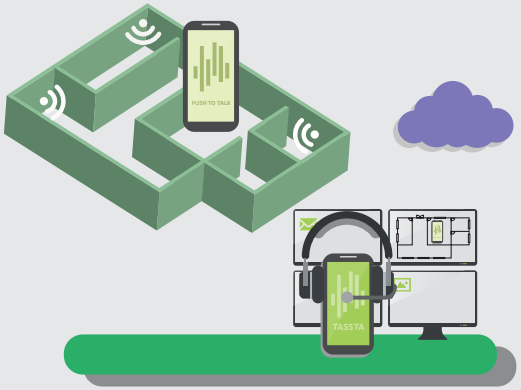
DYNAMIC GROUP CALL



GPS ROUTE

MESSAGE EXCHANGE

MAN DOWN / LONE WORKER



LOCAL POSITIONING SYSTEM

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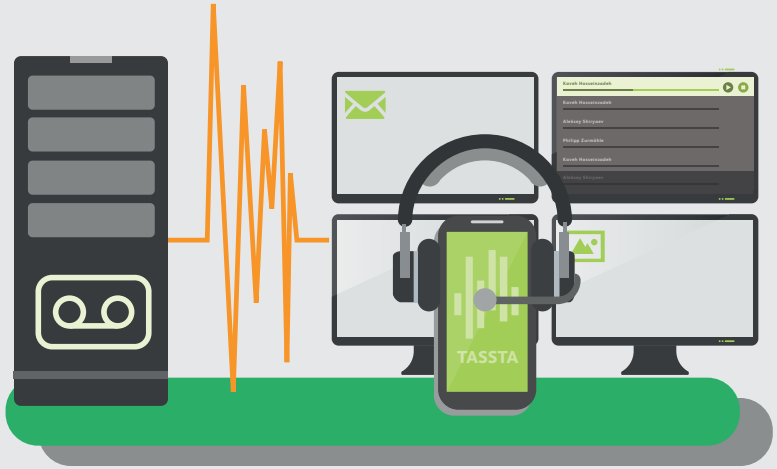
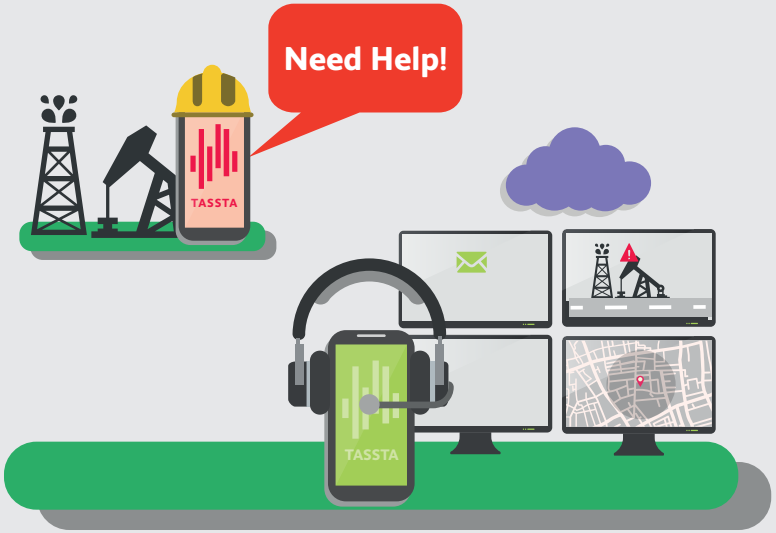
YOUR DESKTOP CAN DO



VOICE RECORDING & CALL HISTORY



EMERGENCY CALLS

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GPS TRACKING ON WIDE SCREENS

- Real-time visualization of the user coordinates on the map
- Allocate the nearest user for placing the order andincrease your productivity

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DEFINE GEOGRAPHICAL ZONE

- User tracking
- Assignment of consequences if a specified zone border is crossed
- Dynamic group formation when changing geo-zones

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IN-HOUSE TRACKING IN WLAN, GSM, UMTS

- Localization in buildings as extension to GPS
- High accuracy also in multistoried buildings
- Support of new services

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WITH THE ORDER MANAGEMENT SYSTEM:

- **Distribute orders (to multiple users)**
- **Specify orders while sending files**
- **Different order-types and priority**

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WITH THE ORDER MANAGEMENT SYSTEM:

REAL TIME:

- Track the status of the orders
- Configurable fields
- Guard tour system
- Close order-types

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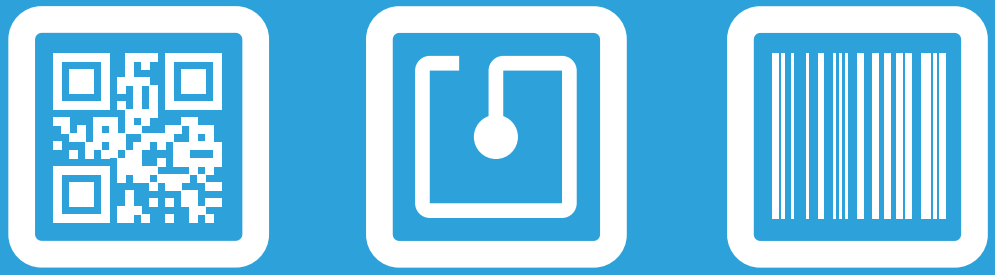
WITH THE ORDER MANAGEMENT SYSTEM:



- Scanning of ID by QR code or NFC
- Verification of ID by requesting information from the database
- Time & Location Registration
- Access Control

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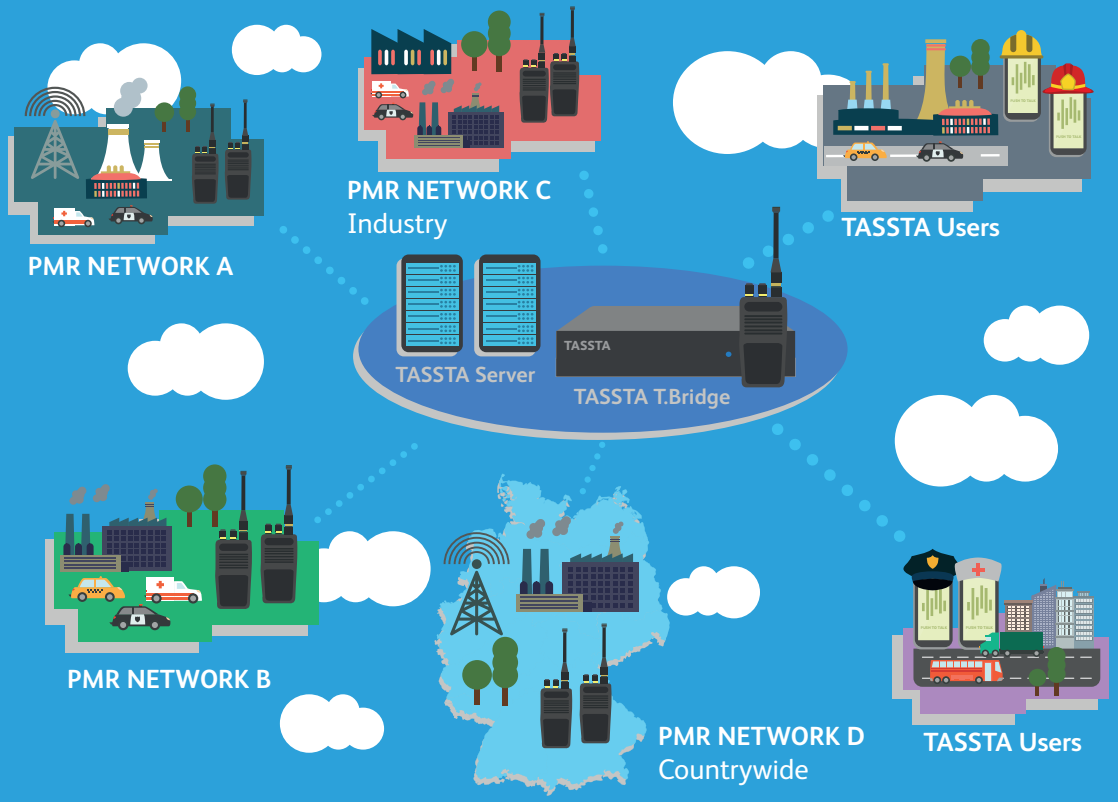
T.BRIDGE



- Extend your existing PMR System
- Connect different PMR systems

- Low technical and financial investment

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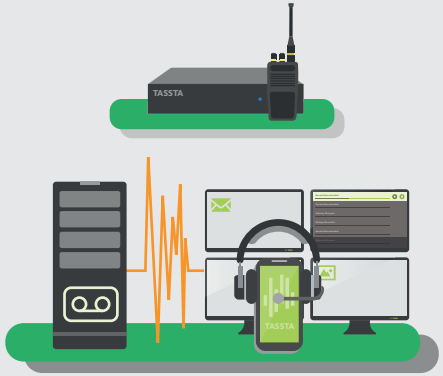
T.BRIDGE ALLOWS YOU TO:

GROUP CALLS

INDIVIDUAL / GROUP MESSAGES

GPS TRACKING

EMERGENCY CALL



VOICE RECORDING

*** Additional features are available, depending on the existing PMR system.**

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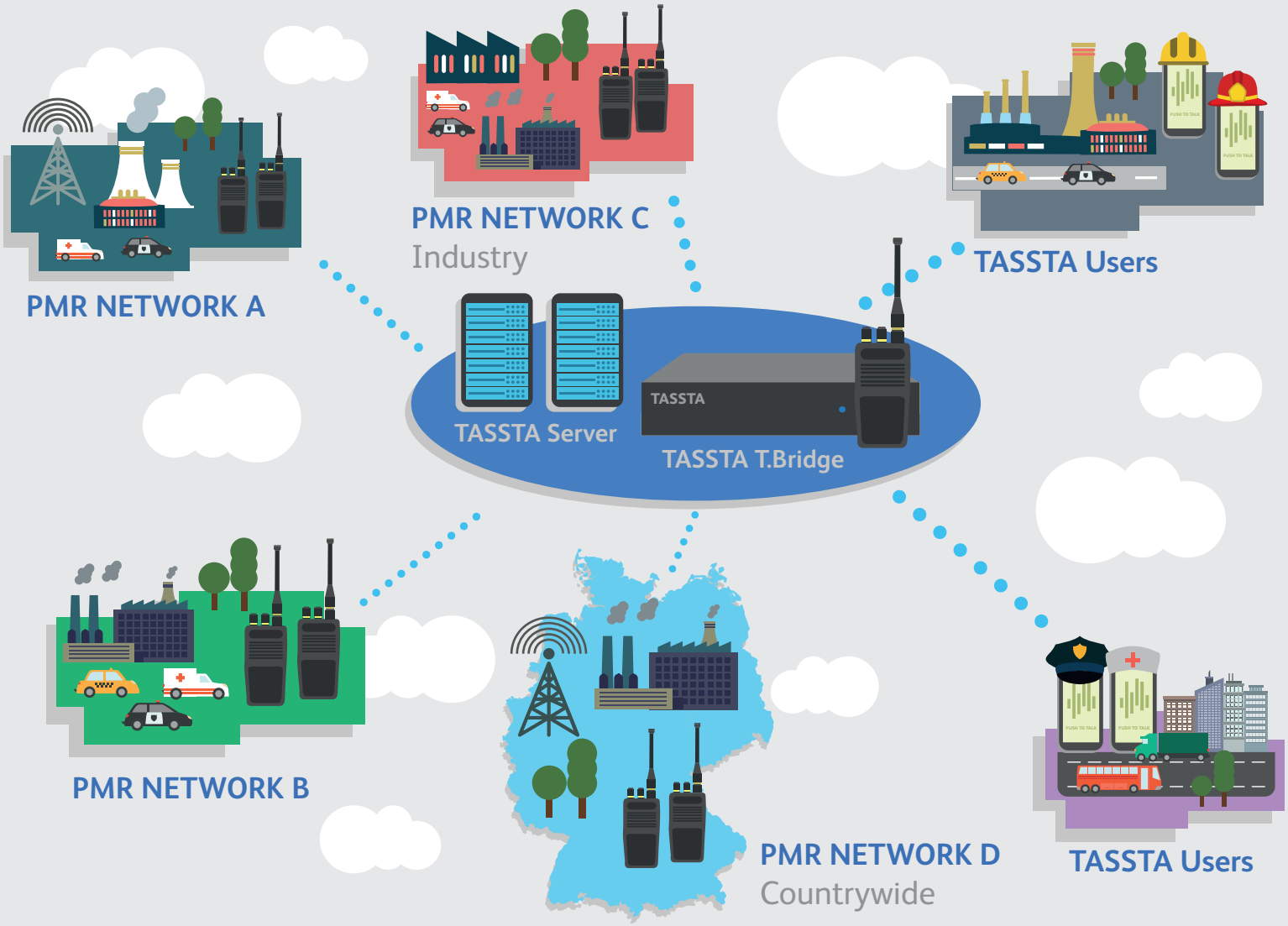
T.BRIDGE ALLOWS YOU TO:



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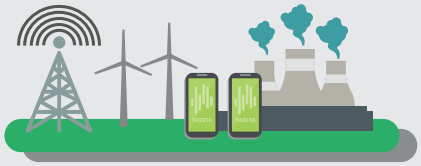
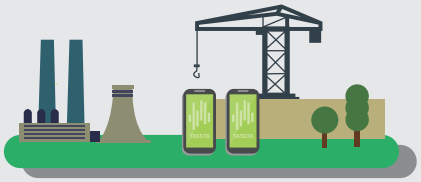
SUPPORTS DIFFERENT SYSTEM INTERFACES



CUSTOMIZED SOLUTIONS

For the best customer's benefit, TASSTA can develop customized solutions

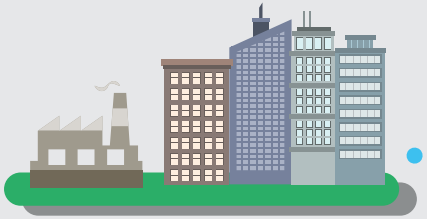


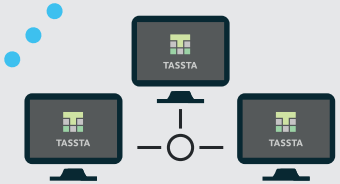
DIGITAL WIRELESS GATEWAY

(Radio interface)
Bridging over the radio communication terminal

DIGITAL LINE GATEWAY

(Line interface)
Bridging over the System Interfaces of the PMR Network





IP BACKBONE

All the connections In Tassta are IP based

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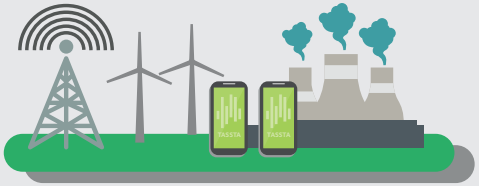
MAKE 1 FROM 2



BRIDGING OF DIFFERENT NETWORKS

Interconnection of different PMR radio systems and different manufacturers

TETRA NETWORK

PMR FEATURES

All functions are coordinated and optimized for digital radio systems

SYSTEM INTERFACE

T.Bridge supports different system interfaces

TASSTA NETWORK

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T.COMMANDER

EVERYTHING IS IN YOUR HANDS WITH THE ACCOUNT MANAGER

- Define the framework of your System
- Select your functions
- Manage users and groups

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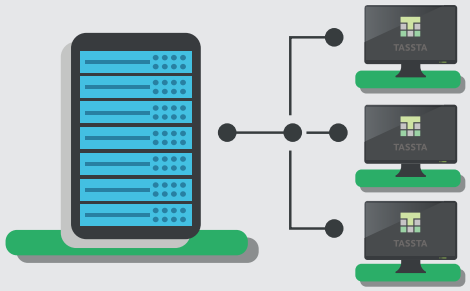
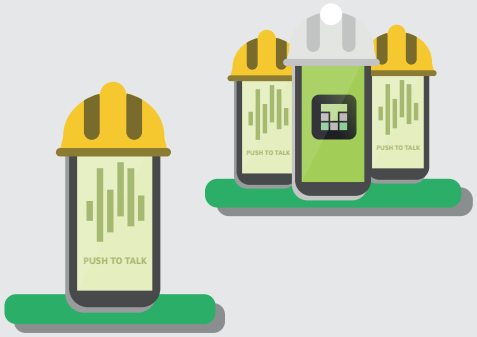
CUSTOMIZE YOUR SETTINGS

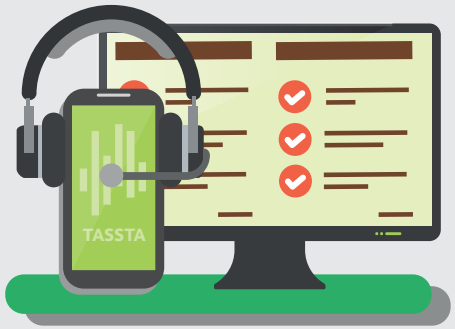


SERVER MANAGENT

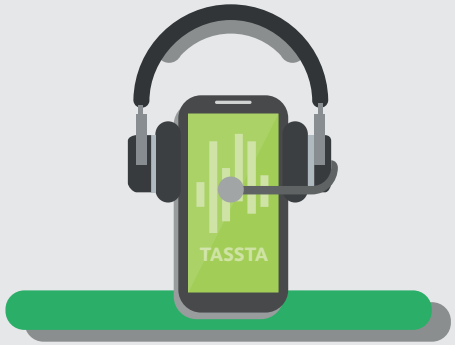


USER / GROUP SETTINGS

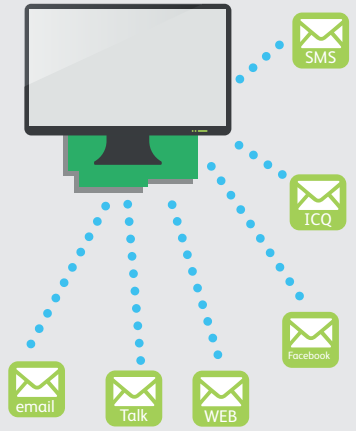
PRIORITY ASSIGNMENT



STATUS DEFINITIONS



CUSTOMER CARE



MULTICOMMUNICATION GATEWAY

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CONNECT TO MEDIA

- **Tassta's Multi Communication Gateway**
- **Connects To Other Media Channels**

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T.LION

T•LION is a main component of the overall TASSTA communication solution. It shares resources on request between the clients and provides reliable communication with sub-second performance.

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YOUR IN-CLOUD SAAS SERVER

Software as Service, SaaS is a popular software delivery model that provides access to software and its functions remotely as a web-based service. Accordingly, the T•LION (server) is hosted in cloud and allows organizations to access the full TASSTA functionality at lower costs than inhouse installation.

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YOUR IN-CLOUD SAAS SERVER

- **BENEFITS AND KEY FEATURES:**
- Cost efficient
- Maximum flexibility
- Maximum availability and secure communication
- Quick deployment of TASSTA communication
- Server and feature management via Account Manager GUI
- Continuous improvement and software update
- Daily update and maintenance
- Disaster data backup and recovery
- Environmentally friendly
- Maximum number of users – unlimited
- Maximum number of groups - unlimited

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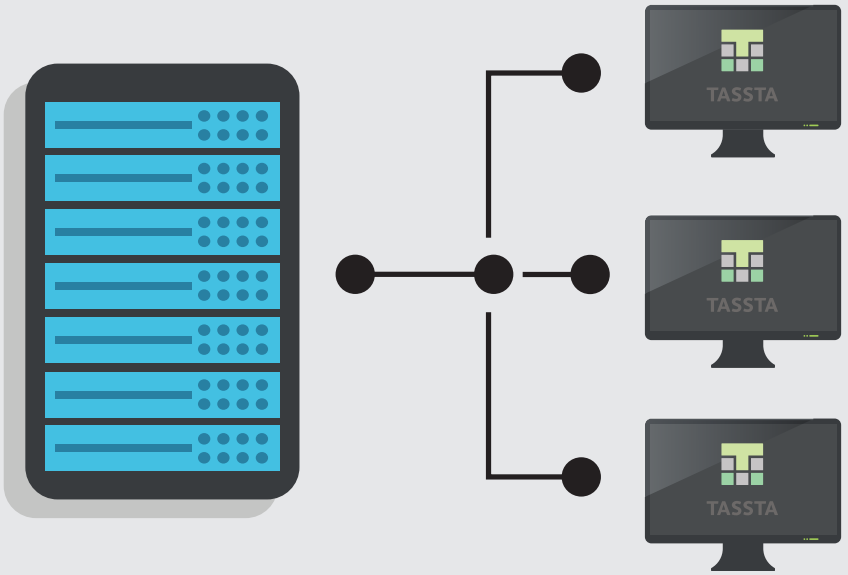
YOUR IN-HOUSE SERVER



To meet special customer requirements or specific internal IT policies, TASSTA is offering the In-House TASSTA server. This solution is based on a compact 19” rack mounted server platform and provides great communication facilities with a maximum set of functions and features. It has an installed dongle protected application running on the Linux OS and standard I/O interfaces.

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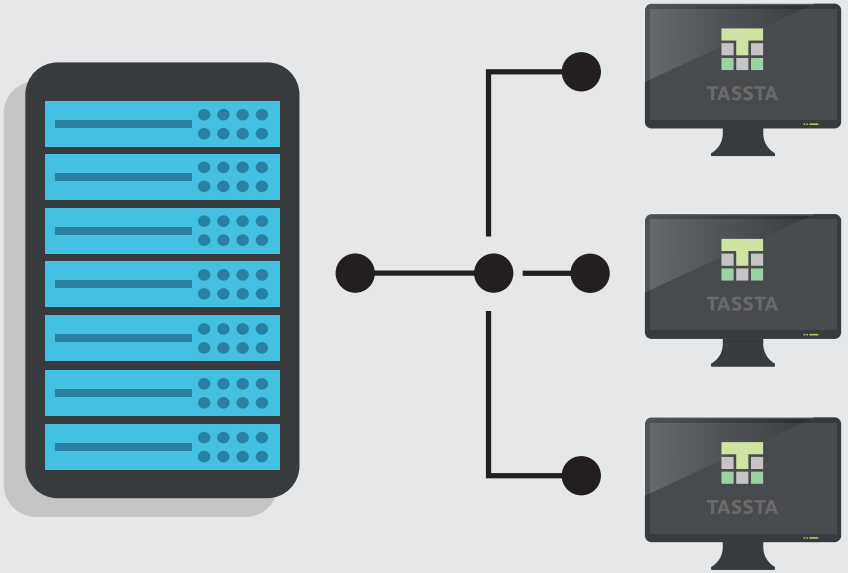
YOUR IN-HOUSE SERVER



Your TASSTA In house Server offers many benefits like:

- **Maximum protection in your own hand**
- **Complete control about your system**
- **Shortened latency**
- **Simplified service by your specialised personnel**
- **Simplified integration of different systems on your house**

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WHY TASSTA:

Mobile client that performs all the main features: Communication via PTT / Messaging including Data Transfer / GPS Tracking / History with Voice Recording / Order Management system / Alarm, Emergency call & Man Down function / Remote function (audio & picture)

Desktop client that performs all T.Flex features with an advanced functionality for the operators: Geofencing / GPS History / Dynamic Groups management / Broadcast Calls / Multi-communication (SMS, Email) and many others

TASSTA Server
SaaS cloud solution deployment / On-premise solution deployment

Web-based management tool- Worldwide access for control rights & access of clients

T.RECORDER is a smart, reliable and easy-to-use TASSTA software solution for secure recording, rapid voice replaying and data communications in the TASSTA network. It is designed to help organizations to keep the records and enhance their mission-critical responses.

Solution that allows an interconnection of existing radio networks with TASSTA System. Allows Group Calls between Radio Terminals and TASSTA Clients, messaging and other features.

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SECURE COMMUNICATION

- E2E Encryption
- Authentication
- IMEI number verification

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WHY TASSTA:

- Fast call set-up
- Secure communication
- Communication in groups (group call) and individual calls
- Assigning different priorities (priority call)
- Independent management of permissions
- Fast and reliable data transmission
- Order management system for easy procurement and tracking
- Low investment costs for infrastructure and hardware
- Low maintenance time
- High level of acceptance among users by convenient terminals
- Integration into existing PMR systems
- Expansion of the already available and existing systems by an almost global reach

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