



## GPS-TRACKING AND VOICE COMMUNICATION LOCALIZATION SOLUTION

### SITUATION

Municipalities and governmental organizations are always in need of great and stable communication. For undercover investigations, these organizations have special devices, which are indistinguishable with the naked eye.

Small in-ear headphones, car keys function as Push-to-Talk (PTT) button, and many more tools are used by these organizations, when hidden and unobtrusive communication is the key.

# CASE STUDY: GOVERNMENTAL ORGANIZATIONS AND UNDERCOVER POLICE



## MARKET CHALLENGES

The challenge faced by these organizations is to provide precise communication between teams and tracking specific individuals or situations.

TASSTA enables users to send pictures from their smartphones to save time. They do not need to write long descriptions about a tailed objective to the rest of the team in the network. Easy and secure data transfer is now possible. Apart from voice, other data is always encrypted. To resolve such issues TASSTA offers both types of encryption.

## SOLUTION

TASSTA offers fully encrypted communication for the entities mentioned above. TASSTA solutions follow the requirements of AES 256 encryption.

For these organizations using smartphones is reasonable, as governmental radio communication frequencies can be seen with the right facilities. For the specific needs of such organizations, mobile devices usually do not attract any attention.

TASSTA enables the users to have a fast call setup in situations, when fast information transfer is needed. Additionally, group communication is the top priority to meet the organization's requirements for direct communications with other users.

TASSTA T.Rodon dispatch solution helps the government organizations' management to monitor their personnel while enhancing the quality of communication with extended call functionality throughout the undercover operations. In addition, the described solution lowers communication costs and allows organizations to receive a significant return on their investment.

The T.Rodon application provides additional capabilities. In conjunction with the T.Flex client, it is a full-featured dispatch, command and control center. It can transmit Push-to-Talk (PTT) messages and data to individual users, create and track tasks, provide voice recording, monitoring GPS, and manage the staff within the organization.

T.Flex, TASSTA smartphone solution, has different options and features that can be configured individually. These features provide advanced communication capabilities beside using sensors within the phones for "Man Down" alerts. The GPS- and Indoor Localization features transmit the exact location of alerting devices; Video and Audio Feeds can be enabled from any device, when the emergency button is activated.

T.Flex uses the immense computing and sensor functions, which are present in current devices to deliver advanced communication and emergency services. Explosion-Certified Smartphones use TASSTA applications in hazardous areas. With TASSTA, a government organization and their management team will tangibly see the benefits of the new digital network that subsequently increases the capacity of their current system with plans for further expansion.

In government organizations, TASSTA is the perfect fit to keep effective communication of investigators, who may be in dangerous situations.

TASSTA facilitates the environment up to date to situations; makes the workers feel secure to meet their goals, fulfill their duties, and to communicate effectively to perform their tasks, too.

The superior performance of TASSTA communication system is specially designed for busy areas.

TASSTA T.Flex is ideal for the unique and challenging communication needs of any undercover operation. TASSTA T.Flex can be used on any mobile advice using Android or iOS. T.Flex is simple to configure, yet allowing advanced effective communication, and localization features.

TASSTA offers a solution that helps users to find and follow their team members in critical situations to support them instantly. This feature enhances the security, safety, and control of other users connected to TASSTA T.Flex.

Another game-changing feature is the Lone Worker Protection (LWP) solution. This solution is based on automatic emergency notifications (like Man Down). The accelerometer on the mobile device is used for detecting a fall, and a text message alert is sent to the emergency contact if this happens. Automated Man Down alerting has proven to be an effective way to make the workplace a safer and healthier place for employees on all levels. TASSTA LWP is an emergency beacon in an employee's pocket. Whether lone workers are working in a remote or dangerous location or are temporarily separated from their team, it keeps the users stay connected.

TASSTA LWP in combination with features like Man Down and GPS Tracking provides the perfect fit for workforce security.

The Lone Worker Protection is a personal alarm system, used by employees, who work in critical situations. This solution ensures employee safety. With TASSTA LWP, the network can implement and provide both user-initiated, and device-initiated alarm signals in critical situations. By simply pushing the alarm button, the user can initiate an intended alarm.

Based on the organization's needs, TASSTA customizes a local communication environment, when there are coverage issues that make the communication difficult. TASSTA T.Lion server is an on premise server and, in combination with TASSTA T.Brother solution, supports secure and robust communication with an effective redundancy concept.