PUBLIC SAFETY IS A SUBJECT OF EVERYONE'S INTEREST

Local police offices and security services are seeking effective and professional systems to control and monitor communications across different areas. They also look for a system, that can strengthen their communication across different regions while being able to use the latest and most innovative technology.

In the security environment, companies and organizations always choose the technology which can provide the highest standards or performance. Furthermore, this certain technology needs to meet the requirements of legislation updates, which require the municipalities to create different sort of crisis and emergency plans.

CASE STUDY: PUBLIC SAFETY

MARKET CHALLENGES

When it comes to public safety, many different incidents can happen without any notice. The most important challenges are the following: being able to react to an unexpected situation immediately. On a daily basis, agencies and governmental bodies join together to share information around the globe, and communicate, when facing public safety incidents. Based on these facts, TASSTA's main purpose is to offer effective, professional and innovative ways of communication to ensure a smooth process for the mentioned groups and organizations.

SOLUTION

TASSTA's T.Rodon dispatch solution, helps the security services and different governmental bodies to monitor their personnel while enhancing the quality of communications with extended call functionality throughout public locations. Additionally, this will lower communication costs and allow the organization getting a significant return on investment.

One of the most important tools offered by TASSTA is our Lone Worker Protection (LWP) Alarming Solution. This solution includes Geofencing to protect users in specific zones and districts. For public safety, it is considered very important to keep certain areas connected and protected. During an operation, many zones can be created and defined. As soon as a user enters that critical zone, the LWP Alarm Solution and Emergency System will be turned-on, and the user will receive the observation of TASSTA's certified employee protection plus the support of his operation and crisis team.

T.Flex, TASSTA's smartphone solution, has a number of different options, that can be configured to provide more advanced communication capabilities. This feature uses the sensors within the phones for different alerts. It includes GPS and Indoor Localization, that can transmit the exact location of alerting devices. Furthermore, Video and Audio Feeds can be enabled from any device, that pushes the emergency button. T.Flex uses the immense computing and sensor functions present in today's devices to deliver advanced communication and emergency services.

Another innovative tool, offered by TASSTA, is NFC Tag Scanning. This tool helps security companies recording and controlling certain critical public areas that need to be checked; using a very easy tool that works with a simple scanning through authentication zones. This feature enables the security staff to scan NFC or GPS QR Codes to register his pass through the area that needs to be securely checked.

In addition, public safety staff can also monitor the staff by using the TASSTA Guard Tour feature. This feature monitors the guard route. This requires the device to check in at all points along the route. Once the NFC or GPS QR Code is scanned, the system will record the information, including date, time, username and place in the database.

Additionally, TASSTA's Map Tools increases security for the public safety and facilitate. Points of Interest can be set on the map and seen by a T.Flex user. In this way, infirmary stations or evacuation assembly points can be marked easily. Guard Tours can be set for certain users. These are predefined routes with checkpoints, the user has to be at in a certain time. This way, control centers can easily oversee the staff.

T.Bridge from its side, provides a middleware solution to help customers overcome the challenges of PMR/ radio network integration by interconnecting a PMR System with TASSTA solutions. It's easy to use and easy to scale.

TASSTA's T.Bridge application is based on middleware technology, that securely connects the radio network to TASSTA' T.Lion server. 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.

Finally, for TASSTA it is essential to provide all public safety staff a local communication environment, when there are coverage issues, that would adversely affect communication. TASSTA's T.Lion server is an on premise server that supports T.Brother a secure and robust communication with an effective redundancy concept.