

## **CASE STUDY: LOGISTICS**



It normally consists of the four transportation methods (trucking, rail, air and marine) as well as Postal Services, Couriers and Messengers, and Warehousing and Storage.

Courier Services are vitally important

v. 6.1

in today's world of internet shopping and the desirable real-time processing of orders. Customers now demand quick, highly flexible, reliable and reachable service around the clock - 365 days a year, 7 days a week, 24 hours a day.

The development and adoption of new technology provides better efficiency, reliability, sustainability, safety and security for all types of transportation and warehousing and in general for all logistic activities. Logistics providers are progressively adopting advanced technologies and innovative processes to gain a competitive advantage. They are focused on reducing costs, improving services and decreasing their carbon footprint.

United Arab Emirates

## **MARKET CHALLENGES**

TASSTA's core mission is to service any market where there can be more effective communication. But in industries like logistics, TASSTA also provide tracking functions that allow management to control all operational activities and at the same time instantly communicate with staff wherever they are located.

## **SOLUTION**

With all of a company's employees and couriers together using TASSTA's Solutions to communicate and fulfill the orders for millions of customers a day, many tasks can become automated.

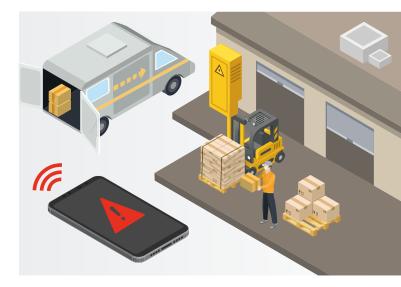
TASSTA's T.FLEX and T.RODON, the TASSTA Client Applications, together deliver advanced communication capabilities to allow all logistics staff to instantly communicate via Push-To-Talk (PTT) and to provide an emergency alerting system in case of an incident. By using TASSTA's task manager, dispatch capabilities are provided to companies and each issue becomes transparent to everyone with its own status and history.

TASSTA Mobile Application can be loaded onto any smartphone and configured to communicate on any IP or radio network. TASSTA's T.RODON dispatcher 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 and monitoring and manage all user activity in the company.

Keeping constant contact and ensuring the safety of employees and visitors through a real time GPS tracking system is a top priority for the biggest companies in this industry. Deliveries can be followed and even tracked and controlled with Barcode, QR code, and NFC tag scanning technologies, which are used to follow certain routes and completed tasks. To improve employee and management communication and track personnel movements in the area, the company can expand its network with TASSTA's LWP - Lone Worker Protection Alarming Solution. The TASSTA LWP functions together with features like Man-Down and GPS Tracking to provide the perfect fit for workforce security.

The Lone Worker Protection Alarming Solution is a personal alarm system, used by employees who are continually working in dangerous situations. The solution ensures employee safety. With LWP, the network can implement and provide both user-initiated and device-initiated alarm signals in emergency

TOWING COMPANIES, CAR DEALERSHIPS, COURIERS AND MESSENGERS ARE ALL IDEAL CUSTOMERS FOR TASSTA'S SOLUTIONS.



situations. By simply pushing the alarm button, the user can initiate an intended alarm. Additionally, the smartphone and LWP application is configurable with TASSTA's T.FLEX, so that the device will send an alarm based on a number of predefined settings: Man-Down, Movement, Fall Detection and a number of other activities that the device monitors. These are key features that any courier or logistic company will find extremely useful for employee tracking and safety. The generation of device alerts without any user intervention is a unique feature of TASSTA's LWP and T.FLEX application.

Additionally, TASSTA's relevance to this industry is heightened by its superior monitoring of the GPS of its delivery personnel. GPS Tracking, Geofencing and T.RECORDER's ability to record GPS Routes all help the Control Center to check the location history of every delivery. All delivery movements are tracked with T.RODON, the dispatch solution managing work tickets via its Task Manager module. By using TASSTA's asset tracking with Bluetooth Low Energy (BLE) Beacons, we make sure that all valuable packages are permanently located and tracked. The system can create an automatic alarm based on an abnormality during delivery or if the signals are getting lost, which allows the operator to initiate an investigation.

Lastly, communication with Police and Ambulances is also possible as TASSTA offers various interconnect options to their private radio networks.