

Secure Land Communications

Airbus presents new smart apps for healthcare, transportation and public safety organisations

The ecosystem for the Tactilon Dabat evolves rapidly through the application developer programme SmarTWISP

Elancourt/Berlin, 14 May 2018 – Airbus has expanded the range of its application portfolio for the Tactilon Dabat and partnered with new professional application developers. The aim is to better serve the communications markets in the field of public safety, transportation and healthcare. At the CCW exhibition in Berlin from 15 to 17 May 2018, Airbus is showcasing selected applications for professionals that combine multimedia real-time functions with highest standards of security.

“The apps that we showcase at the CCW work in various areas, whether it is industry, public safety or the health sector. They meet specific customer needs and requirements for different regions in the world,” explains Rahim Zaknoun, Head of Innovation & Developer Ecosystem at Secure Land Communications of Airbus. “We selected these apps for our customers and created them for the hybrid Tactilon Dabat.

For instance, the digitalised Triage application from Exomi helps first responders (paramedics) to send complex health data of patients from the ambulance on the scene to the hospital. The delivery of the constantly updated information is standardised and reliable. It can easily be shared not only via the Tactilon Dabat, the Android smartphone and Tetra radio in one device, but also on other platforms in control rooms or in the field. Thus, the application streamlines processes and accelerates a more accurate treatment for the patients.

The application ES-Core from Eye Solutions Ltd features a live video sharing function that is secure and supports external video sources, such as from drones or vehicles. Even with little radio coverage the transmission is of high quality. Moreover, footage can be stored as evidence or for the purpose of analysis. “Clearly, this is a tool for police officers. However, paramedics work increasingly with this app on the scene and companies can also master situations by transmitting a live video stream,” says Rahim Zaknoun.

Another application can fill frequently the gap of non-existing radio coverage in many public buildings: the “indoor positioning” system for large sites from the company Steerpath creates a real-time situational awareness when communication groups move around in- and outdoors. Based on a map configuration with a GPS function, commanders and group members (Tetra and smartphone users) can easily follow each other on the Dabat’s display. The application serves especially security personnel in airports, train stations, or event sites: no configuration is needed, a seamless in- and outdoor positioning is put in place and the app works without broadband connection.

News

In order to save lives of railway track workers and minimise the risk of collisions, the company Intelligence on Wheels invented the app “track worker protection”. This application with a clear map display receives permanent train location updates. The signals will be sent from the train operator’s control room and the train itself, which is equipped with a Train Collision Avoidance System. Critical scenarios can now be easily managed with the Tactilon Dabat and the ‘track worker protection’.

“Our SmarTWISP application developer programme is the key reference point when it comes to creating secure apps,” says Rahim Zaknoun. “It enables the innovation and professional application development on the top of Airbus’ existing communication technology. It boosts our strong developer ecosystem.”

Airbus

Airbus is a global leader in aeronautics, space and related services. In 2017 it generated revenues of € 67 billion and employed a workforce of around 129,000. Airbus offers the most comprehensive range of passenger airliners from 100 to more than 600 seats. Airbus is also a European leader providing tanker, combat, transport and mission aircraft, as well as one of the world’s leading space companies. In helicopters, Airbus provides the most efficient civil and military rotorcraft solutions worldwide.

Secure Land Communications (www.securelandcommunications.com)

Secure Land Communications (SLC), a business unit of Airbus, offers advanced communication solutions for Public Safety, Defence and Transport, Utility and Industry (TUI). The portfolio, based on Tetra, Tetrapol and Broadband technologies, includes infrastructures, devices, applications and associated services. As a leading international player, SLC has deployed nearly 300 networks in more than 80 countries and employs nearly 1,150 people in 17 countries.

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