PASSENGER TERMINAL WORLD

MARCH 2020

Civil unrest

HOW AIRPORTS IN HONG KONG AND ECUADOR COPED WHEN THEY BECAME SCENES OF MAJOR PROTESTS

Passenger Terminal EXPO 2020

DATES REVISION:
NEW DATES ANNOUNCED!

June 9, 10, 11, 2020

PARIS EXPO PORTE DE VERSAILLES, PARIS, FRANCE

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SUCCESSFUL INTEGRATION

The complexity of technology means that it is impossible for a single supplier to provide a complete airport. Specialism is everything, so it is a case of sourcing the best supplier for each component. A crucial part of any purchasing decision must therefore be: will it work with our other systems?

Smarter technology companies provide airports with fully integrated solutions rather than just their own products. They take responsibility for integration with systems such as the airport's PA system, operational database, common-use platforms (CUTE/MUSE) and the flight information display system (FIDS). They may even bring in third-party partners for a broader but fully integrated solution.

AviaVox develops synthetic speech systems for public announcements. The company sees itself as just one link in a complex chain, however, and therefore helps airports achieve a better solution by supporting the integration of the passenger information flow. AviaVox has the capability to manage the interface with any AODB and any public address (PA) system, at any airport. The company has a certified CUTE/MUSE application for Collins Aerospace, SITA and RESA, among others. For airports looking to install new technology, AviaVox will introduce carefully selected technology partners and even handle all the integration.

At Passenger Terminal Expo 2020, AviaVox will focus on integrations, as well as demonstrating its cooperation with Infologic (FIDS), M2mobi (mobile apps), TOA (PA), and other systems. Why not drop by the booth and see AviaVox in action?

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Wireless assistance

The aviation industry has shown a robust year-on-year growth across the world's major airports in terms of passenger numbers and air cargo. This growth results in challenges for airlines and airports – baggage and cargo tracking, passenger satisfaction, airplane maintenance and safety.

RAIN (RAdio frequency IdentificatioN) RFID is a wireless technology that connects billions of everyday items to the internet, enabling the aviation industry around the world to identify, locate, authenticate and engage with each item – no batteries required. In an increasingly globalized world, enterprises need accurate, real-time data. With a worldwide network of RAIN RFID-enabled airlines and airports, they can improve accuracy and efficiency as they track passengers' bags, track freight, manage airport and airline maintenance, and ensure aircraft carry essential safety equipment.

As existing airports grow and new ones are built, planning and integrating RAIN RFID will aid management and operations. Asset tracking for baggage carts, as tested and deployed in many airports, helps maintain higher availability for customers. Similar tracking applications can be used for tugs and trailers.

According to IATA, "RAIN RFID is a cost-efficient and highly effective method of data capture for Resolution 753, as it allows a high degree of automation and therefore consistency of data provision for the operation. This is essential as baggage tracking is only effective if you capture data on all the bags and can use this effectively."

RAIN RFID improves end-to-end baggage tracking, with 25% fewer mishandled bags per year. Aircraft loading and offloading is improved, with a saving of US$14,000 per million bags in operational efficiencies when RAIN RFID is used. Data consistency is improved to a read rate of more than 99% when using RAIN RFID. Furthermore, adoption of Resolution 753 can save US$25,000 per million bags in operational efficiencies.

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RAIN RFID Alliance
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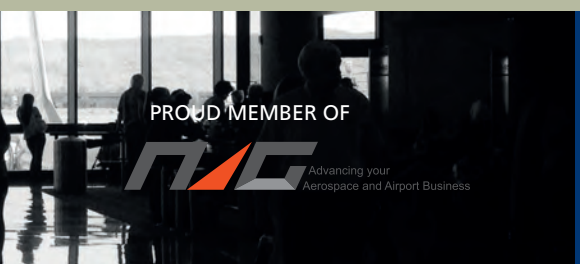

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Visit us
in Paris at stand no. Z2.5170
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