RAIN® AVIATION

IDENTIFY **LOCATE** **AUTHENTICATE** **ENGAGE**

RAIN 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 to track passenger's bags, track freight, manage airport and airline maintenance, and ensure airplanes have needed safety equipment.

AVIATION BENEFITS OF RAIN

The aviation industry has shown a robust year-on-year growth across the world's major airports both 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.

- Enable hands-free scanning of baggage throughout the handling process
- Track passenger's baggage in real-time with notifications on their smartphone
- Automate freight tracking and increase accuracy
- Reduce mishandling of baggage by 25-50%
- Ease tracking of airplane safety equipment and reduce errors
- Authenticate and track repair parts for maintenance

"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." - IATA*

RAIN RFID

AVIATION SUCCESS WITH RAIN

Airlines and airports around the world are achieving compelling results from RAIN RFID deployments. RAIN RFID Alliance is working with IATA* and IABSC* to help airlines and airports understand and use RAIN RFID.

DELTA*

Deploying RAIN RFID baggage tracking technology with a 99.9% success rate, ensuring proper routing and loading

HONG KONG AIRPORT*

Increased automation, reduced labor for baggage handling, enhanced safety compliance, and improved passenger experience

BOEING*

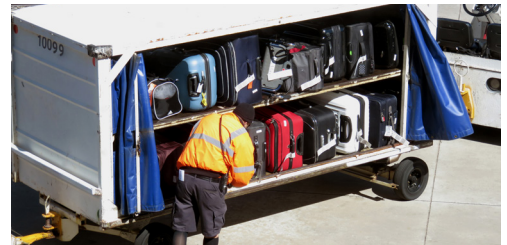Providing more efficient component lifecycle management for 7,000 aircraft components for each airplane

AIRBUS*

Part-marking for aircraft components brings value-chain visibility, error-proof identification, and efficiency savings

EUROCOPTER*

Tracks flight times for individual aircraft parts to help manage maintenance aboard the helicopters it makes

IATA*

Passenger baggage services are improving, with the mishandling rate reduced by more than 40% since 2015

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RAIN® ALLIANCE MEMBERSHIP

www.rainrfid.org

HELP SHAPE THE FUTURE IN AVIATION

Join the RAIN RFID Alliance and shape the future of RAIN in aviation. The RAIN RFID Alliance is a global association offering opportunities to connect, learn and share in the aviation industry. Membership is open to companies and organizations, including: manufacturers, software developers, solution providers, and end-users. Visit the www.rainrfid.org website for more information.