

# RFID Sub Working Group

## Purpose

The RFID Sub-Working Group reports to the IATA Baggage Working Group. Strategic partners in this area are able to attend the meetings and conference calls for the RFID sub-working group but not the Baggage Working Group events.

The RFID Sub Working Group has been established in order to develop RFID for the industry in 2 key areas:

- Enable a common level of performance between RFID tags and systems regardless of the origin and taking in account different antenna designs, different reader infrastructures, different RFID environments and conditions.
- Describe the use of reusable RFID in passenger and airline processes for future baggage tagging.

In order to deliver on these two major tasks, the group will meet by conference call on a regular basis and occasionally in face to face meetings.

The group will consider the security and data protection of RFID tags when used as baggage identifiers and also the best privacy guidelines for the use of RFID in a passenger environment.

The group also has a remit to explore and elaborate on materials to promote RFID for airlines and implementation patterns so that the industry can extract the maximum benefit from the technology.

The initial mandate of the group is to run for 1 year.

## Designed for

- Baggage tracking and management solutions provider
- Baggage handling process

- Radio Frequency Identification Device RFID on baggage solutions

## Areas of activity

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### STANDARDIZE PERFORMANCE

- The airline operating environment includes a wide variety of physical locations (open areas, baggage halls, airport ramps, aircraft holds). In addition, there are a number of different Class 1 Generation 2 RFID chips, antenna inlays and reader designs that have to operate together as a single system.

These system components need to have a baseline of performance so that a consistent read rate can be achieved across the airport environment. One way to consider this is as the RF equivalent of print and reader quality for barcodes.

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### REUSABLE RFID

- One complaint for the use of RFID is that the use of RFID in a disposable baggage tag has a high cost associated with it. Whilst the fact of this statement is questionable, the fact is that reusable RFID will offer many advantages for passengers, airports and airlines cannot be questioned. The group will investigate the changes needed in order to enable baggage operations using reusable RFID.

## Structure of the Group

The group will be composed by different teams, which will focus on different streams of work to deliver the RFID Sub Working Group goals.

Each team will be ran by a team lead and the overall group will be led by the Chair and Vice-chair. IATA will be the facilitator.

## Strategic Partnership benefits

### Branding

- Recognition as a valuable supporter of IATA and the air transport industry
- Inclusion in the IATA Strategic Partnerships online directory
- Exclusive usage of the IATA Strategic Partnerships logo
- Promotion through the electronic quarterly newsletter, the Partner Brief, viewed by thousands of aviation industry contacts
- Monthly posting of Strategic Partners' press releases on the IATA website

### Publications

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