



### Tracking arrival and transfer bags for IATA Resolution 753 compliance

SITA Bag Trac is a vital option in an end-to-end baggage tracking regime. It is ideal for airlines or airports that need to scan arrival and/or transfer bags to comply with IATA Resolution 753. SITA Bag Trac connects to SITA Bag Manager or SITA Bag Journey and works with third-party automatic tag readers (ATRs). Installed over passenger claim and other belts, ATRs record tag numbers as bags pass under them on a conveyor belt. The data gathered allows an airline to comply with IATA Resolution 753 to track baggage.

#### BACKGROUND

Airlines must keep tabs on every item of luggage from start to finish by tracking bags on departure, arrival and transfer.

In airports with high volumes of bags, manual tracking may be costly and impractical, or uneconomical.

In cases where several airlines use the same belts, the solution needs to be able to accommodate multiple carriers.

Airlines need to be able to electronically store and readily access baggage tracking data.

Airlines need a solution that tracks bags being delivered to the passenger claim belts and transfer baggage induction points.

#### SOLUTION

- SITA Bag Trac allows you to gather all the arrival and transfer tracking data you need to comply with IATA regulations
- It provides an intelligent, automated solution, allowing you to track bags from check-in to arrival
- Once installed in an airport, SITA Bag Trac ATRs can be used by all tenant airlines, accommodating multiple carriers on the same belt
- SITA Bag Trac ATRs allow you to gather all the data you need and transfer it to your own systems

#### BENEFITS

- ATRs offer carriers Resolution 753 compliance for baggage tracking
- Bag tag tracking data is sent to the required destination for each carrier according to the system configuration
- Where an airport invests in ATRs, SITA Bag Trac provides a 'common use' bag tracking scheme, available to all carriers
- Baggage mishandling rates drop as a result of accurate baggage location information
- Cost savings for airlines due to the reduction of mishandled bags – and improved end-to-end baggage processing times

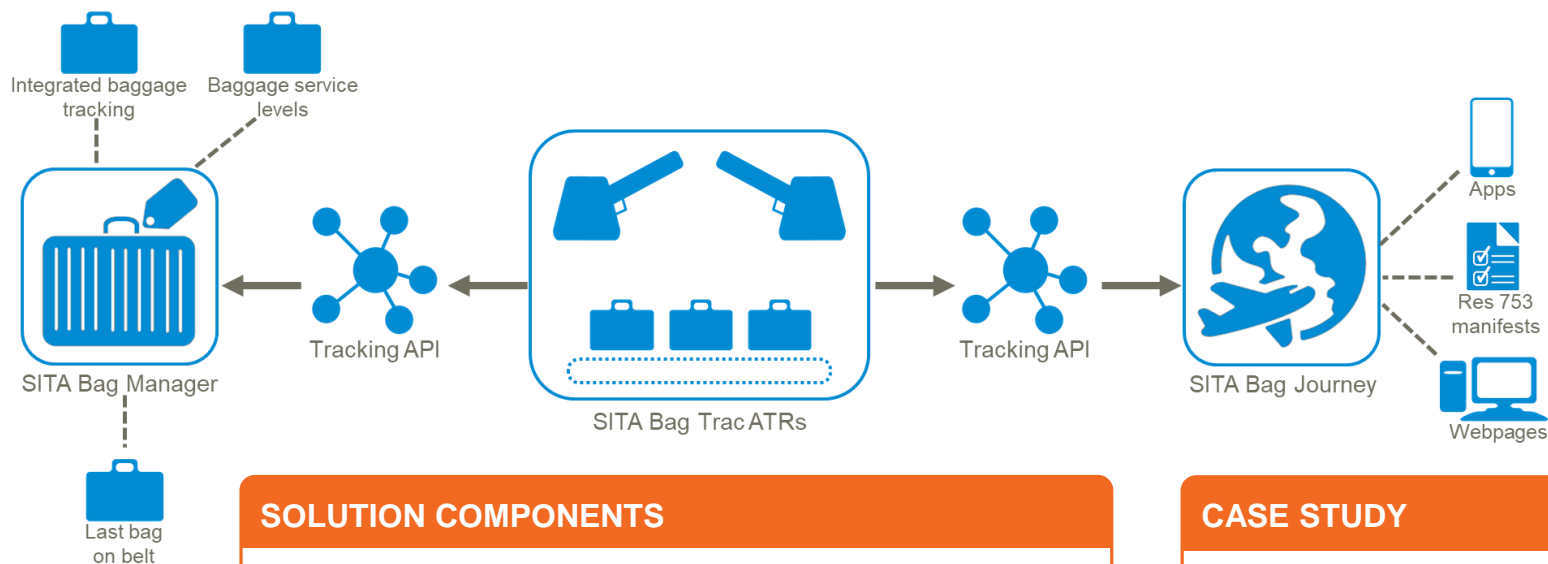
#### RESULTS

**4.3 billion**  
bags handled by industry  
baggage systems in 2019

**45%**  
of mishandled bags  
occurred during transfer  
in 2019

*Source: 2020 SITA Baggage IT Insights*

## How does it work?



### SOLUTION COMPONENTS

1. **ATR devices** using laser, optical imaging or RFID technology
2. **Consultancy** in the selection of the appropriate reading technology, the positioning of ATRs and in ensuring the maximum read success rate
3. **SITA as a single source supplier** for all your ATR needs, including site surveys, implementation, commissioning, support and maintenance
4. **Pre-integration** with the IATA Res 753 global data repository, SITA Bag Journey
5. **No charges for data delivery or storage** – SITA provides free usage of SITA Bag Message and Type B services
6. **Fully managed support and 24/7** monitoring by baggage messaging experts

### CASE STUDY

SITA Bag Trac ATRs were installed at a large international airport to track arriving and transfer bags.

Airlines were able to monitor the baggage delivery service levels. Data on the first and last bags tracked is displayed for waiting passengers.

As a result, airline loading staff know exactly where incoming transfer bags are in the airport.