

## BAGTRAC

Tracking arrival and transfer bags for IATA Resolution 753 compliance.

BagTrac 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. BagTrac connects to BagManager or BagJourney 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.

### ISSUES

- 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

- BagTrac 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, BagTrac ATRs can be used by all tenant airlines, accommodating multiple carriers on the same belt
- BagTrac 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, BagTrac 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

**4.3bn**

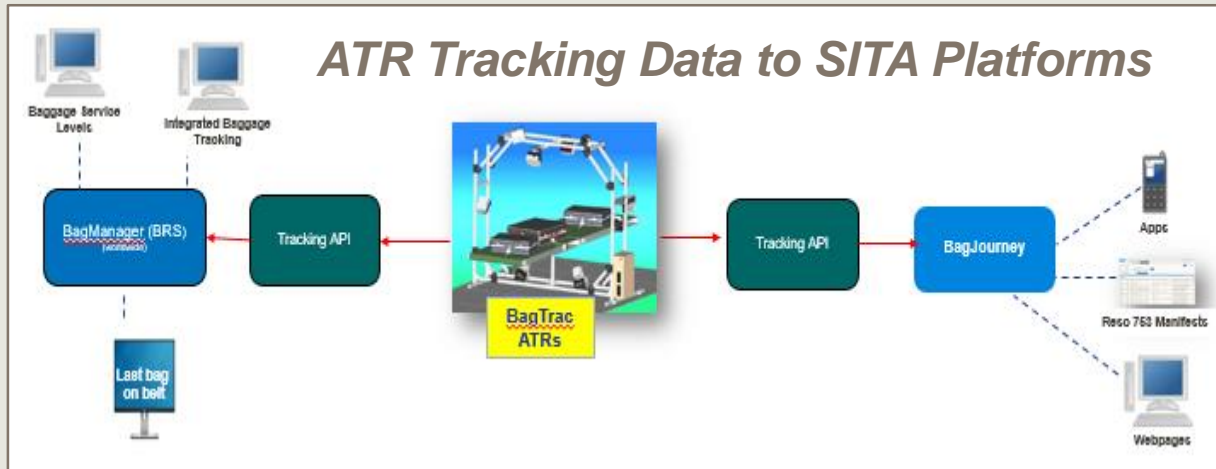
**bags handled by industry baggage systems in 2018**

**46%**

**of mishandled bags occurred during transfer in 2018**

*Source: 2019 SITA Baggage IT Insights*

## HOW DOES IT WORK?



### CASE STUDY

- BagTrac 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 first and last bags tracked is displayed for waiting passengers
- Airline loading staff know exactly where incoming transfer bags are on the airport

### 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 "BagJourney"
5. **No charges for data delivery or storage** SITA provides free usage of BagMessage and Type B services
6. **Fully managed support and 24 / 7 monitoring** by baggage messaging experts

For more information please contact us at [info@sita.aero](mailto:info@sita.aero)

**SITA**