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MANDALAY BAY | LAS VEGAS, NV

Delta Invests in RFID Expansion

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Background

- Implementation of barcode scanning in 2010

- In 2014, barcode scan rate peaked at 97% or 4M missed baggage tracking opportunities

- RFID proved to be most effective and cost-efficient technology to bridge 3% tracking gap

- Initial RFID deployment in 2016

- $50M investment

By the Numbers

- 344 Stations
- 700 Pier & Claim Readers
- 1,600 Belt Loaders
- 3,900 Printers
- 6,000 Scanners
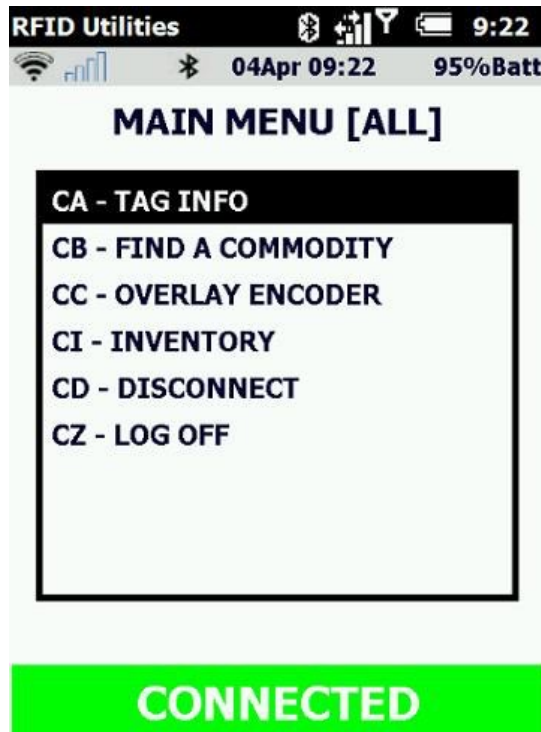- 120,000,000 RFID enabled bag tags

Benefits

- Enable hands-free scanning to:
  - Increase baggage tracking and visibility; manage bags by exception
  - Improve loading and offloading efficiency
  - Reduce Global Injury Rates
- Deliver scan rates of 99.9%
- More efficient handling and recovery during irregular operations
- "Dot on a Map" baggage tracking
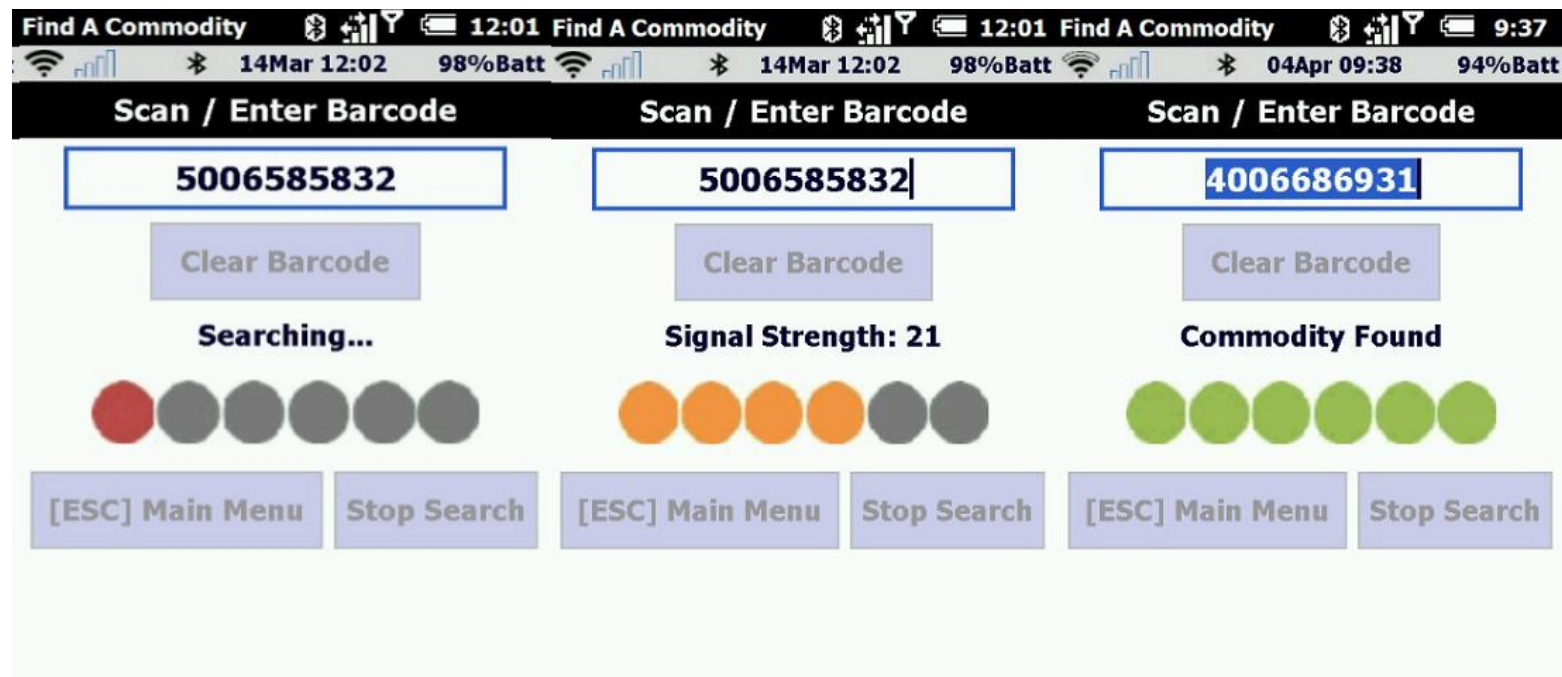- Real time push notifications to passengers

Applications

- RFID Utilities – Inventory

Applications 2

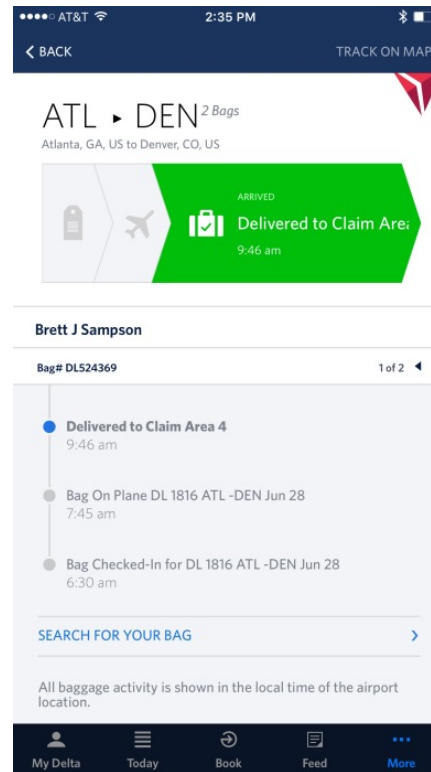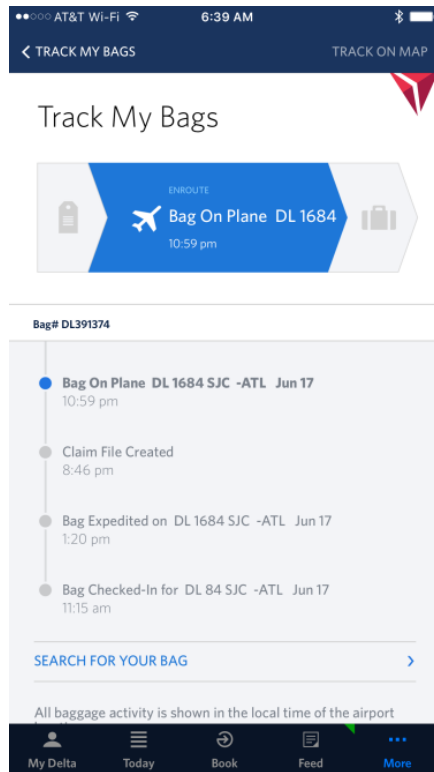- RFID Utilities – Find a Commodity

Applications 3

- Nexus – Map View
  - Dot on a map for last seen location

Applications 4

- Fly Delta App

Hardware

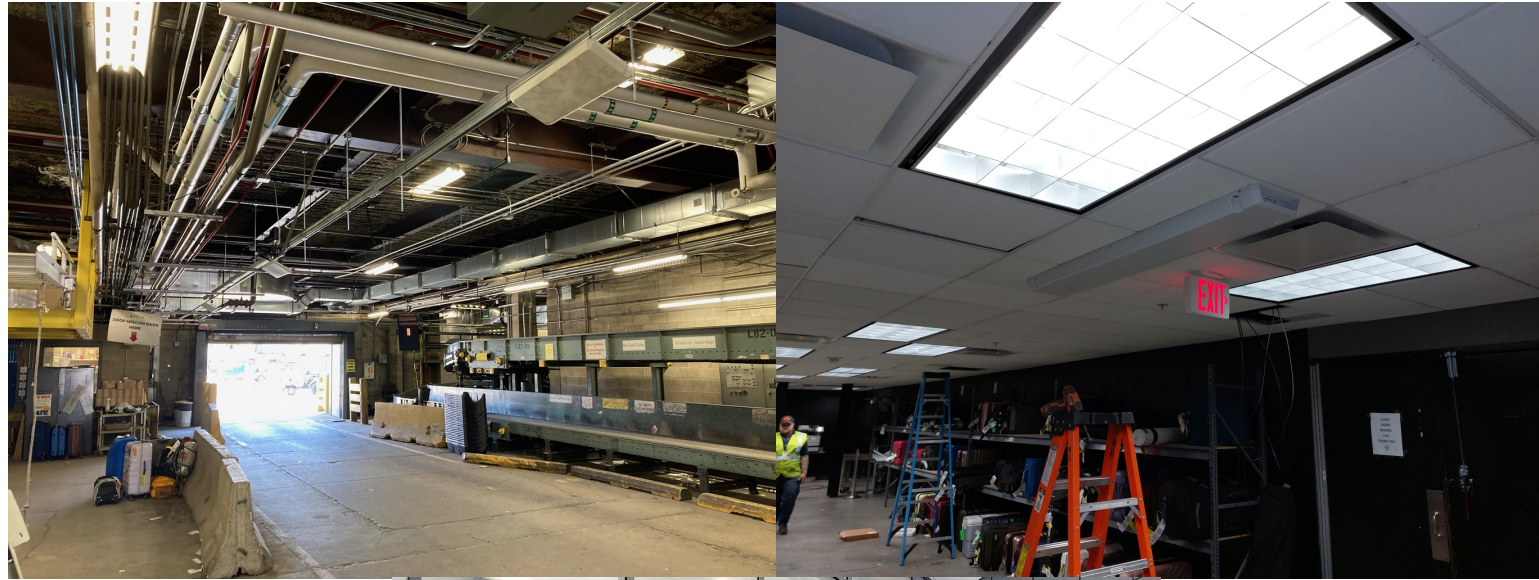- FX7500
- FX9600
- IP30
- RFD90
- AN440
- AN720

Infrastructure

- Pier & Claim

- Bag Accept

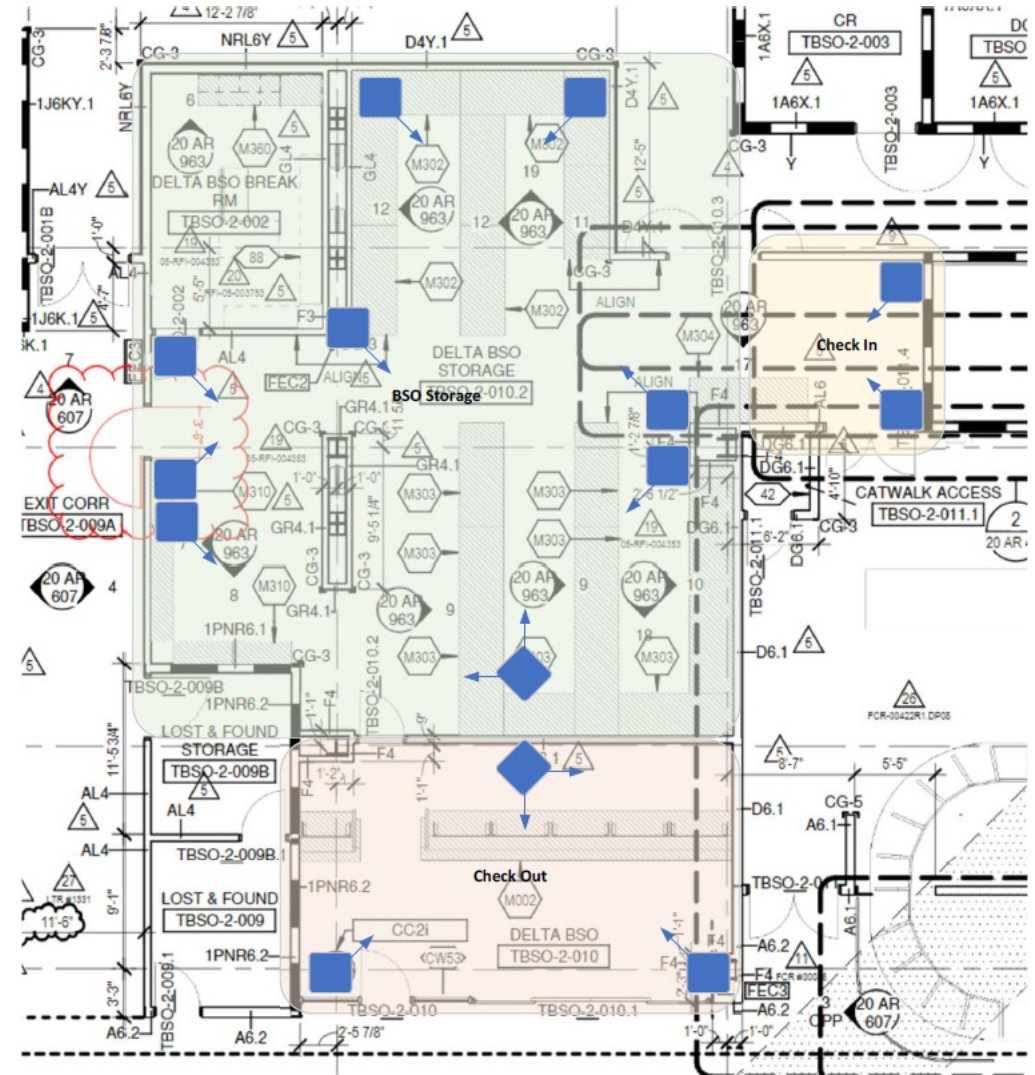- Oversize
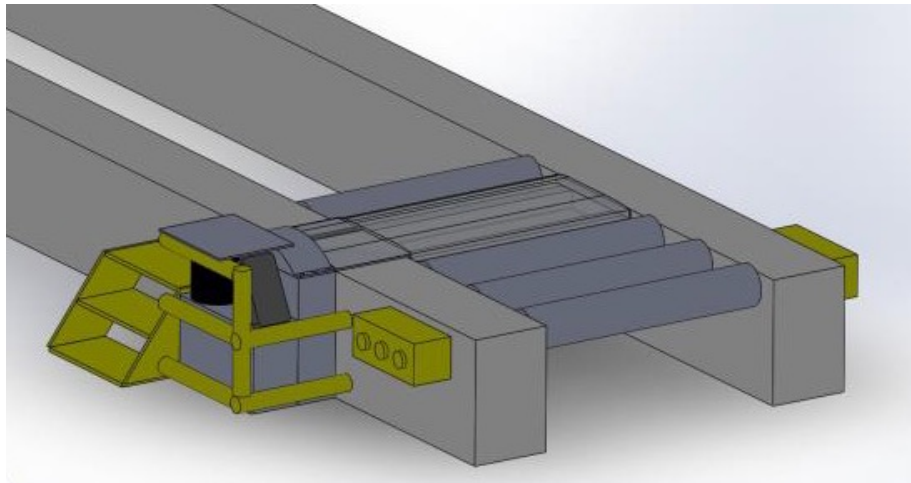
- Bag Room Departure
  - Proprietary

Infrastructure 2

- Reroute

- Baggage Service Office – Entry & Exit

- Public Areas

What's Next?

- Planeside NextGen

- Baggage Service Office – Real Time Inventory

THANK YOU

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