ARC Base RFID packing table

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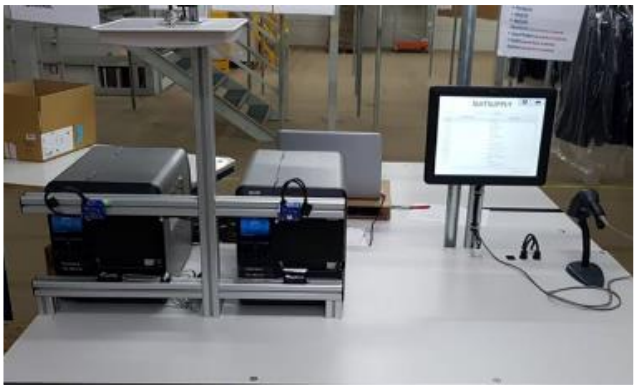
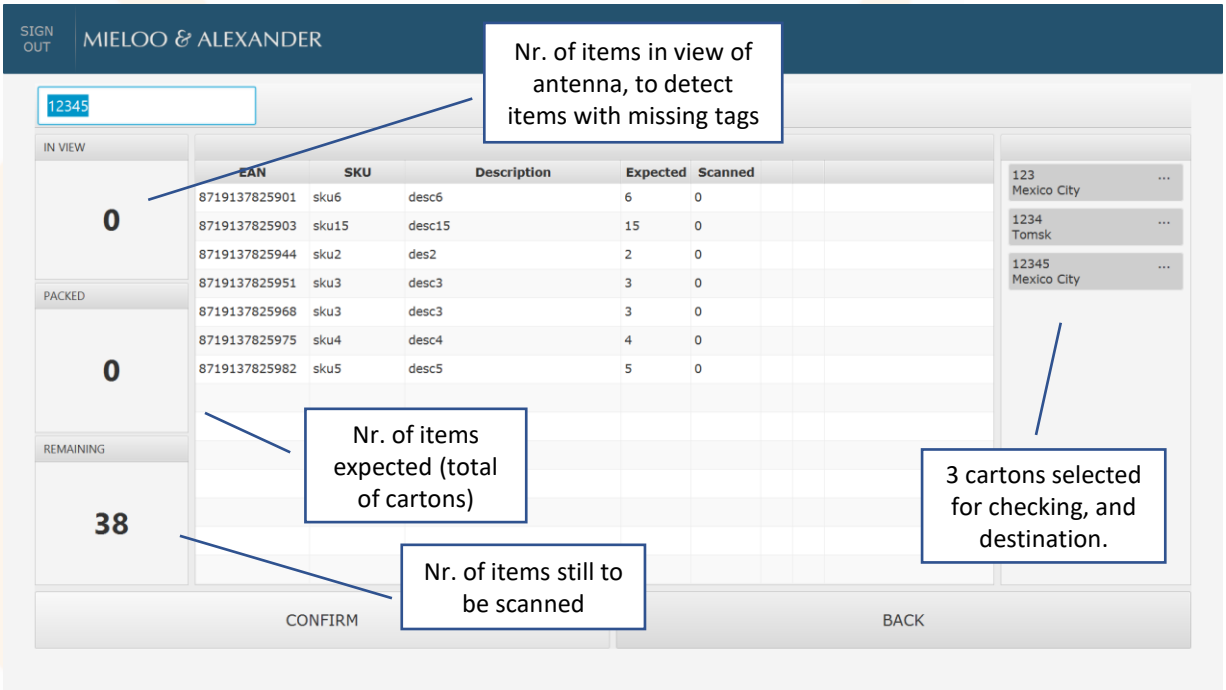
Mieloo & Alexander's RFID packing table solution can be used stand-alone or combined with the ARC Base RFID tunnel solution, and both in inbound and in outbound processes.

Example: RFID packing table for outbound at Ceva Logistics UniQlo EDC in Oud-Gastel, Netherlands.



Example: autonomous outbound RFID packing table, tag coding and tag quality checking station deployed to 7 RDC's of Suitsupply in Europe, AsiaPac, USA.

- **Stand-alone**: the RFID packing table is used to check and validate the carton content at EPC/item level against the supplier ASN or WMS pick results in low volume operations. Mieloo & Alexander provides a standard and a high-performance RFID tunnel solution.
- **Combined with the RFID tunnel solution:** the RFID packing table is used to check cartons that are rejected by the RFID tunnel, to identify items with missing RFID labels so new ones can be applied or to register the actual content of a carton at EPC level.



- **Configurable:** the ARC Base RFID packing table is configurable to validate across multiple cartons simultaneously and can also be used to detect those items with missing or dead RFID labels.

MIELOO & ALEXANDER

Key features

Versatile hardware configurations
Get ARC Base packing table software “As a Service” and leverage existing VAS station hardware or ask for a full hardware configuration (see below), or anything in between.

Readfield control and economics
Leverage multi-port reader to serve up to 8 RFID packing tables (in proximity) and reduce hardware footprint significantly, whilst leveraging low gain and/or nearfield antennas for optimal read-field control.

Single or multiple simultaneous carton checks
Check single cartons or validate the content of multiple cartons simultaneously.

Missing items detection
Easily identify items with missing or dead RFID tags.

Optional extensions
Extend the RFID packing table with integrated RFID label printing/encoding that automatically generates RFID label tags for items missing items (compared with ASN or picklist).

Flexibility
Use in inbound or outbound process, or in both processes.
Use stand-alone or combined with the ARC Base RFID tunnel.

Inbound and Outbound

Versatile hardware configurations

Fast and Accurate check of carton content

Easy integration with WMS

Combines with ARC Base RFID tunnel

Hardware components (optional)

RFID reader and antennas
RFID reader with up to 8 antenna ports serving equal number of packing tables with low gain and near field antennas for optimal read-field control (eliminating cross-reads).

Barcode sensor
To scan the carton ID and initiate the process.

Industrial (touch panel) PC
Run ARC Base RFID packing table software stand-alone and use (keyboard and mouse less) display as UI.

Android tablet
Lightweight and low-cost alternative to touch panel PC, requiring ARC Base VM deployment on premise.