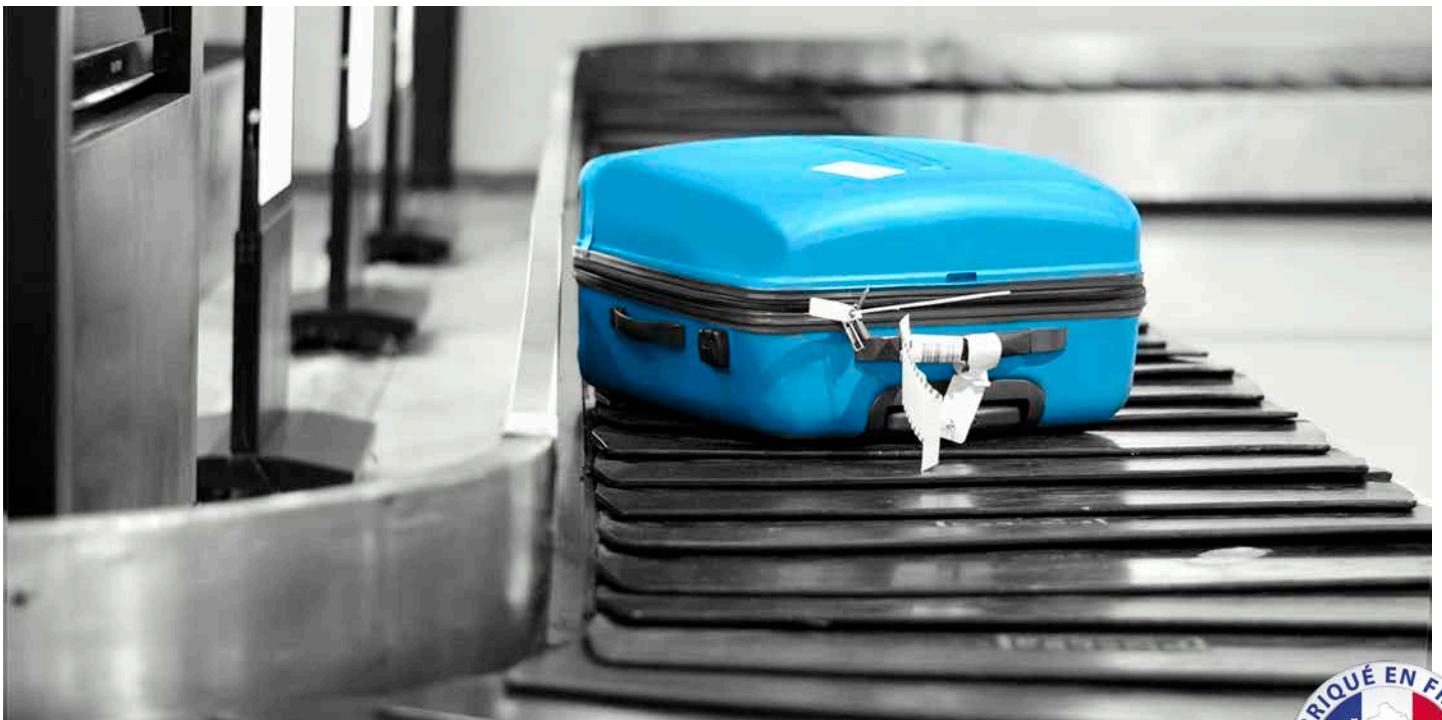
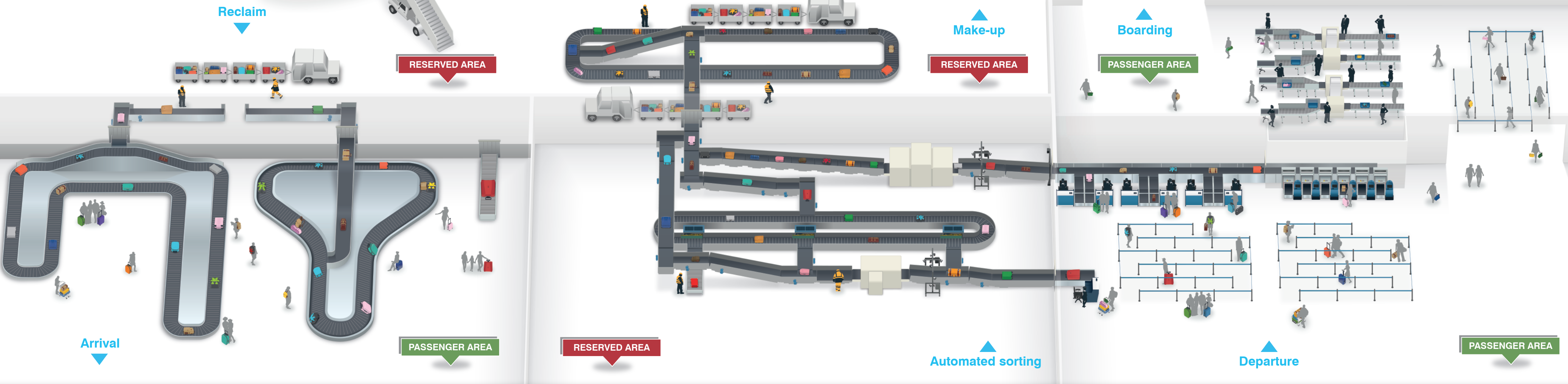
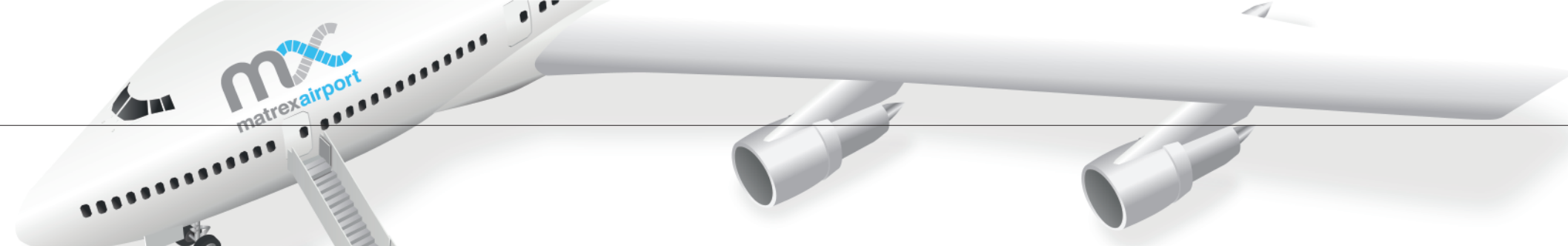


MATREX – Baggage handling systems

Baggage handling and passenger processing systems
design and manufacturing





▲ Reclaim area

The baggage handlers deposit the hold baggage on **belt or roller conveyors** down to the arrival area.

▲ Arrival area

The passengers reclaim their baggage on **baggage reclaim flat or inclined carousels**.

The baggage reclaim inclined carousels allow more baggage flow because its inclination **stores two baggage one beside the other**.

The odd-size baggage reclaim is done separately on **roller conveyors**.

▲ Automated sorting area

The hold baggage is systematically controlled with EDS. The control of ECAC Standard 3.1 is based on 5 levels of risk evaluation:

- ▶ **Level 0:** baggage is not yet checked.
- ▶ **Level 1:** baggage is checked by the EDS and considered as qualified.
- ▶ **Level 2:** baggage is checked by the EDS but considered as suspicious and not yet qualified. The controller shall qualify or disqualify after analysing the images.
- ▶ **Level 3:** additional time is given to re-checked the suspicious baggage. The controller can require help from second controller.
- ▶ **Level 4:** disqualified baggage is transferred to a protected reconciliation area for a manual screening in the presence of the passenger.

▲ Make-up sorting area

All qualified baggage is sorted by destination and boarded into aircraft holds.

▲ Departure area

Checking in, Weighing and Labelling standard and odd-size baggage on the check-in conveyors by an operator.

Or, Use the self-service bag drop for effective, fast and smooth process.

▲ Boarding area

Going through the **security checkpoint** is mandatory.

The content of hand baggage is **checked** to prevent any introduction of illegal objects in the planes.

Walk-through portals and hand-held metal detectors ensure additional **safety** and **security** of passengers.

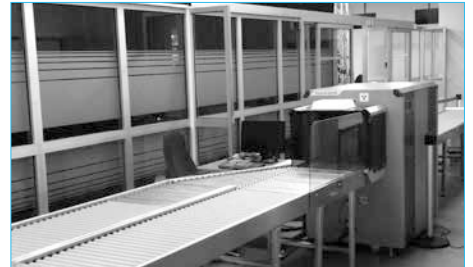
Our on-site Baggage Handling Systems (BHS)



Standard baggage check-in conveyors



Odd-size baggage check-in conveyors



Security checkpoints



Make-up or automated sorting carousels



Baggage reclaim flat or inclined carousels



Carousels for level change



Belt conveyors



Roller conveyors



Conveyors for deposit or baggage claim



Fast or soft horizontal diverters



Curtains, shutters or doors



Hold-baggage screening machines



Check-in counters



Information desks and boarding counters



Police booths

All our equipment is designed and manufactured in our French plant, according to your needs and installed at your site by our team.

MATREX supports you in all your projects



PRE-SALES STUDY

Requirement definition, setting-up definition, project approval



DESIGN & ENGINEERING

Risk assessment, design (2D or 3D), electricity, automation and functional analysis



MANUFACTURING

CNC machining, boiler making and welding, painting and protection against corrosion



ASSEMBLY & TEST

Equipment assembly, quality control, Factory Acceptance Test (FAT)



INSTALLATION & START-UP

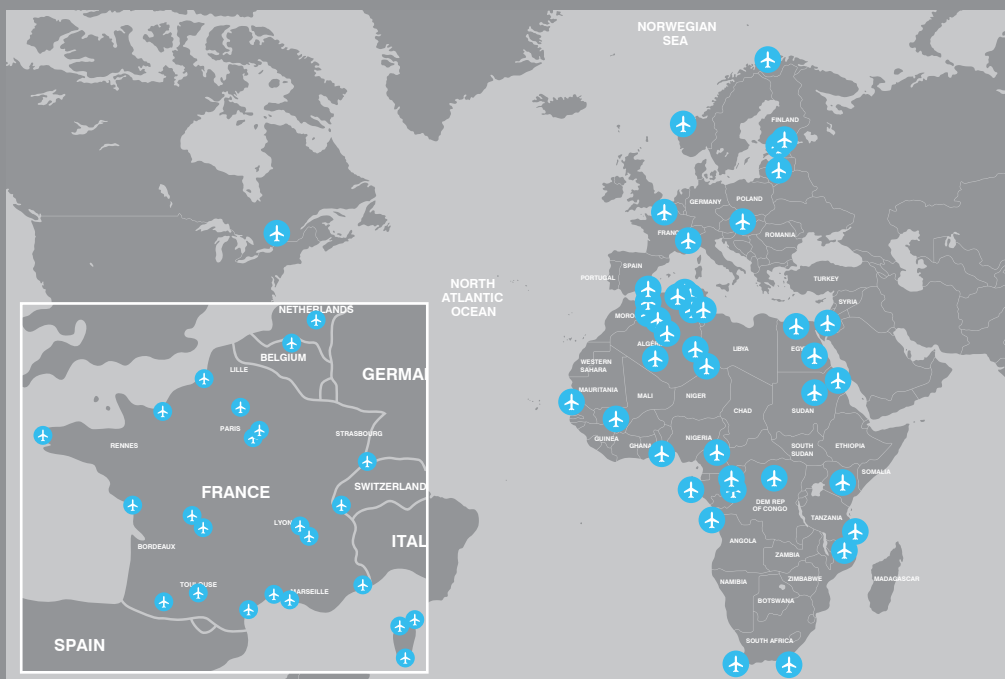
Assembly, electricity, automation, training and start-up (SAT), documentation (DOE)



AFTER-SALES SERVICE

Maintenance contract, remote maintenance assistance, space parts supply

Our references in France and worldwide

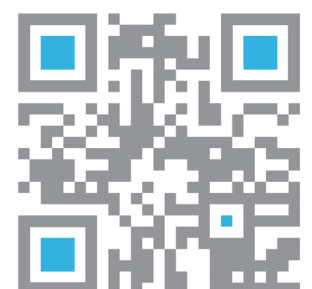


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