

Passenger tracking system

New value-added services for airports

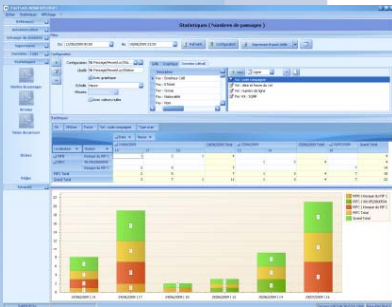
PAXTRACK is a software suite managing control, access, wayfinding, location and tracking of passengers at the airport.

The system collects information from various external sources (Airport Operational Database, airlines, check-in and boarding stations). This information is completed by the scan of the passengers' 2D boarding documents on any type of media (boarding pass, mobile phone, self-printed boarding pass, etc.).

PAXTRACK ensures a triple quality of service:

- ≡ to airports: passenger tracking, optimization of security checkpoints, analysis of passenger behaviour, etc.;
- ≡ to airlines or handling agents: passengers' presence in the boarding area, link with the Baggage Reconciliation System, etc.;
- ≡ to passengers: display of transit time for reaching the boarding gate on the airport display screens, personalized information to passengers, etc.

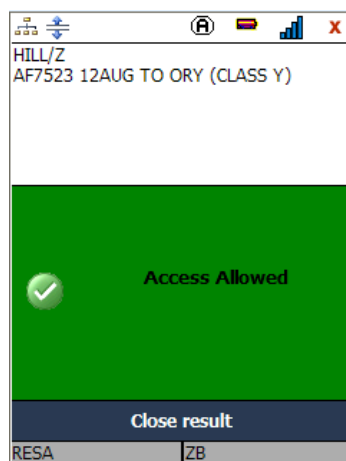
PAXTRACK is a cross-functional system that serves various departments within the airport, including marketing, security and operations.



Global passenger tracking module

FOLLOW PAX tracks passengers within the airport. All passengers' information (documents printed or read from CREWS stations, scan, data received from external systems, etc.) is recorded in a database allowing the airport to improve its overall passenger processing. Thanks to a user-friendly interface, the airport can check, analyse and sort data, and generate statistics about passengers at the airport (breakdown per airline, passengers behaviour, flow and waiting time, etc.).

Travel documents control module



PAX CONTROL checks the boarding pass validity (according to criteria determined by the airport such as date, flight, geographical area, etc.) and the unique nature of the passengers when they show their boarding pass at the airport checkpoints. Control is done when the security agent scans the 2D bar code using a hand-held scanner or a fixed reader. PAX CONTROL also controls the passenger location and prevents unauthorized passengers from entering boarding area.

Passenger tracking system

Passenger information collection modules

Priority access management module



PAX ACCESS allows the airport to define access rights allowing particular passengers to use priority lines at checkpoints or to access to airlines lounges. The access rights are defined according to agreements signed with airlines (business class passengers, frequent flyers, etc.). Upon reading the 2D bar code, the system allows or refuses access to the passenger, usually by means of an automatic door opened by the reader. Agents at security checkpoints can also give priority access as needed. PAX ACCESS thus allows airlines to give special treatment to valued passengers.

Passenger wayfinding module

Thanks to interactive self-service kiosks, **PAX GUIDE** offers personalized information to passengers to help them find their way in the airport. By scanning their 2D bar code, passengers can view information about the flight (airline, destination, schedule, etc.), the boarding gate (terminal and gate number), the transit time between the kiosk and the gate, etc. The system can also include marketing messages.



With PAX GUIDE, passengers don't have to worry about how to get to their boarding gate, so they can spend more time shopping in the airport boutiques.

Compagnie	Vol	Classe	Statut	Statut	Statut	Statut	Statut	Statut	Statut
AF	001	Y	OK	OK	OK	OK	OK	OK	OK
AF	002	Y	OK	OK	OK	OK	OK	OK	OK
AF	003	Y	OK	OK	OK	OK	OK	OK	OK
AF	004	Y	OK	OK	OK	OK	OK	OK	OK
AF	005	Y	OK	OK	OK	OK	OK	OK	OK
AF	006	Y	OK	OK	OK	OK	OK	OK	OK
AF	007	Y	OK	OK	OK	OK	OK	OK	OK
AF	008	Y	OK	OK	OK	OK	OK	OK	OK
AF	009	Y	OK	OK	OK	OK	OK	OK	OK
AF	010	Y	OK	OK	OK	OK	OK	OK	OK

Passenger control module in the boarding area

MISSING PAX tracks passenger presence in the boarding area once the boarding pass is scanned at the security checkpoint. The airline can compare the expected passengers list with all the passengers present in the boarding area, based on data collected by PAXTRACK. The airlines are alerted to the presence of passengers at the airport and in the boarding area. As a result, the airlines can identify late passengers and speed up the boarding process for example. This module ensures a better service to web-checked passengers travelling without luggage as it informs the airline about their presence on the airport platform.

Please feel free to contact us for detailed documentation about PAXTRACK.