



AERTEC

→ Real-time monitoring
of Airport Processes

AERTASK



Let's talk **aeronautics**



AERTASK






An integral technology tool

Continuous
improvement
for airports

Airport Technology

Airports are composed of different and interconnected systems that execute multiple, complex management processes. As a result, airport management leans on technology and continuous improvement as allies for efficiency and increase of income.

AERTASK is a technology tool developed by airport experts designed to digitize, control, and monitor different airport processes, such as:

-  **Cleaning**
-  **Passenger Boarding Bridges (PBB)**
-  **Persons with reduced mobility (ADA)**
-  **Operations**
-  **Maintenance**



This technology solution allows for different levels of access and specific permissions according to a profile: Operator, Supervisor, and Administration (usual profiles), and also it is possible to make individual profiles.

AERTASK management capabilities include:

- Planning (Tasks and Staff)
- Reduction of time for data entry in systems
- Optimization of the use of assigned resources
- Measurement & certification of service quality levels
- Reducing human error
- Eliminating the use of paper
- Automatic event detection
- Presence control



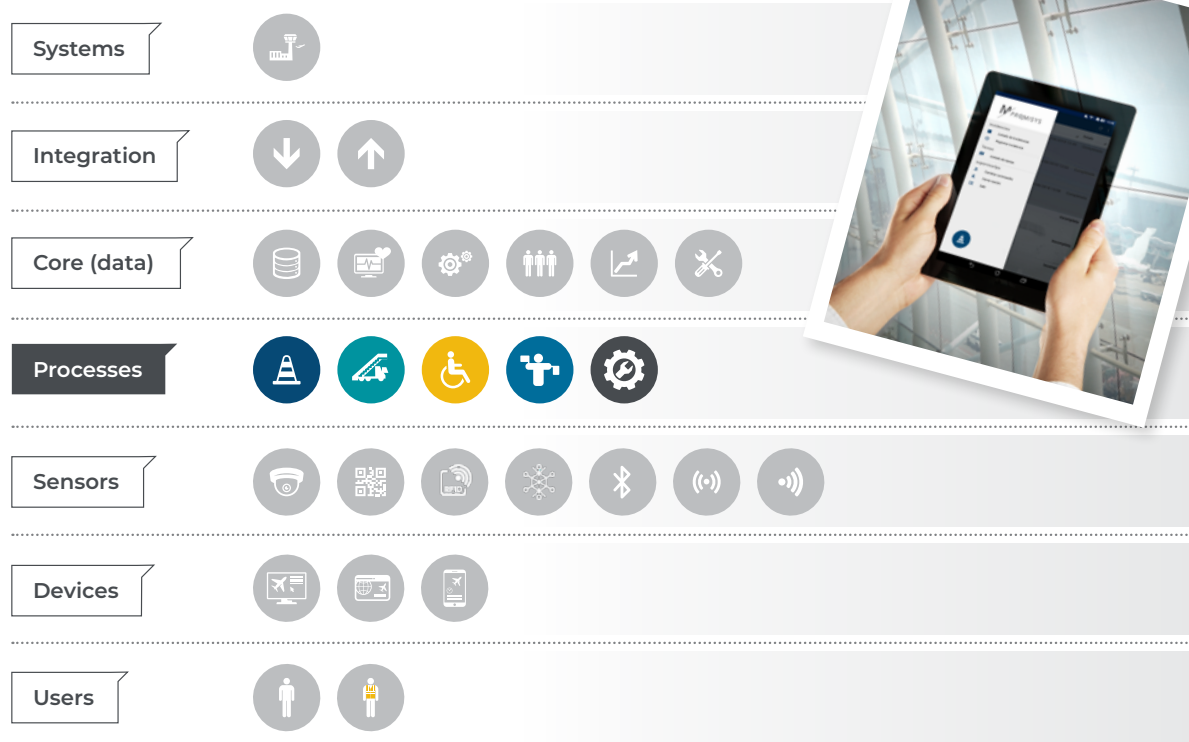
Web-based multiplatform tool



Process Monitoring System

- > Automatic alerts in real time
- > Integration with AIS
- > Simple maintenance
- > SLAs Compliance
- > Reports in Real Time
- > Increase of Income
- > Unusual behavior detection

The structure of the system allows for the maintenance of a robust core and architecture with common functions, along with a specific vertical layer for each activity, allowing for rapid adaptation for each airport process and reducing the level of individualization.



AERTASK is adaptable to processes (business rules) based on the requirements of the airport (operations, services, maintenance, planning, etc.).

Moreover, it is integrated with operational systems (AODB, RMS, etc.) to assure the integrity of information and automation in the creation of activities.

Sensors & Artificial Intelligence

Sensors, AI and convolutional neural network elements intelligently detect the different events that occur during the aircraft turnaround process and allow its automatic registration in the system and the creation of alerts when specific thresholds are exceeded. This data allow us to be proactive and avoid possible incidents.



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