

The Emma logo is positioned in the top left corner of the image. It features a stylized white 'E' icon followed by the word 'emma' in a lowercase, sans-serif font. The background of the entire image is a photograph of an airport control tower with two operators at their desks, looking out over a tarmac with several aircraft. A large green graphic element is in the top right corner.

Emma

REIMAGINE YOUR  
AIRPORT OPERATIONS  
**EMMA AOMS**

Data-Driven Airport Intelligence. Self-Managed.



## Are Your Airport Operations Ready for Growth?

Air travel has made a strong recovery, and solid demand in both passenger and cargo traffic will drive a new wave of growth. Whatever your airport's size, this phase can bring new operational challenges. Digital transformation can tackle these, but true transformation is possible if existing gaps in airport operations - data silos, manual workflows, high vendor dependence, and limited flexibility - are addressed.

## Truly Transform with Self-managed Airport Operations

An all-in-one, purpose-built platform, **EMMA's Airport Operations Management System (AOMS)** reimagines airport operations management to deliver a new level of operational visibility and autonomy. Empowered stakeholders can make intelligent decisions that translate to considerable gains in airport performance, resource use and cost savings.

**Real-time Operational Visibility:** Improve visibility to enhance the level of operational intelligence available to your stakeholders. EMMA AOMS delivers real-time situational awareness, so everyone from management to operations, airlines to ground handlers, and Air Traffic Control can make informed, data-driven decisions.

**Unprecedented Autonomy:** Take full charge of your airport operations, thanks to our modular and open design. EMMA AOMS users can manage the system themselves, eliminating the huge time and costs typically associated with vendor-dependent upgrades.

### Self-managed AOMS: An Absolute Game-changer

Our AOMS users enjoy unmatched levels of agility, scalability, flexibility, interoperability and integration.



Quickly set up the system, independently.



Customize workflows, fields and alerts.



Configure to suit specific operational needs.



Define and set Key Performance Indicators (KPIs).



Easily integrate with third-party systems.

## Every Aspect of Airport Operations on One Dashboard

EMMA AOMS consolidates key data of daily operations into a single dashboard, offering predictive insights, automated workflows, and real-time alerts. This centralized, holistic view

enables airports to proactively manage disruptions, optimize turnaround times, and streamline coordination between airport operators, airlines, and ground handlers.

### Make Intelligent Decisions

through a unified, real-time view of airport operations enables seamless stakeholder coordination.

### Better Utilize Resources

thanks to dynamic allocation of runways, gates, and ground handling services.

**Monitor Airport Performance** via customized KPIs to drive continuous improvements.

**Boost Efficiency** and service quality through faster turnaround times, fewer delays, optimized scheduling and ground handling.

**Reduce Operational Costs** associated with inefficiencies.

**Improve Passenger Experience** with faster check-ins and reduced waiting times due to streamlined passenger flows.

**Enhance Safety and Compliance** by adhering to ICAO, A-CDM, and other relevant aviation standards.

**Push for Sustainability** by reducing energy consumption and operational waste.

**Scale on Demand** as operational needs evolve and traffic volumes soar.

## Key Features



**Real-Time Airport Dashboard** offers a live view of all operational aspects.



**Automated Workflows** reduce manual intervention and streamline task execution.



**Predictive Analytics** forecast potential bottlenecks and enable proactive decision-making.



**Incident and Disruption Management** enables rapid response to operational issues.



**Compliance and Reporting** ensures adherence to global aviation standards.



**SaaS-based, Modular Architecture** provides much-needed flexibility and scalability, and is quicker to deploy with minimal disruption to your operations.



## Why EMMA AOMS

At the heart of our AOMS, are our core modules - the Airport Operational Database (AODB) and Resource Management System (RMS), which deliver a centralized and unified view of daily operations. The underlying Data Management Platform (DMP), ensures seamless data movement, and enables easy integration with multiple third-party systems.

### Greater Operational Predictability with Add-ons

Our A-CDM (Airport Collaborative Decision Making) module makes real-time stakeholder collaboration possible at every stage of the turnaround process, while our TMS (Turnaround Management System) enables real-time, automated tracking of ground operations. These optional modules, and several other solutions, are available on the EMMA Marketplace.

## The EMMA Advantage

- **An experienced, multidisciplinary team** with aviation IT and airport operations expertise.
- **Strong partner ecosystem** of leading IT and aviation integration partners.
- **Pay as you grow** with our SaaS-based pricing model.
- **Present globally**, we manage projects in three continents, in diverse airport environments.
- **Self-managed AOMS** that offers unmatched levels of agility, scalability, flexibility, interoperability, and seamless integration with our and third-party systems.
- **EMMA Marketplace** to safely, easily and directly deploy additional, industry-leading solutions via pre-validated integrations, and foster collaborative innovation.

# Take Charge of your Airport Operations

Discover how EMMA AOMS can help your airport achieve operational excellence through new levels of operational visibility and autonomy.

Contact us today for a demonstration  
info@emma.aero | Visit <https://emma.aero/>

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