

AIRPORT OPERATIONAL DATABASE

Ensuring Consistent and
Robust Airport Operations



tavtechnologies.aero

AODB





AODB

AIRPORT OPERATIONAL DATABASE

END-TO-END TECHNOLOGY
SOLUTIONS

INDEX

WHAT IS AODB?	3-4
WHY TAV TECHNOLOGIES AODB?	5-6
KEY FEATURES	7-8
TECHNICAL SPECIFICATIONS	9-10
ABOUT TAV TECHNOLOGIES	11-12

WHAT IS AODB?

AODB is the “heart” of airport operations management. Airport Operational Database integrates airport control systems, airport resource allocation, and airport invoicing systems. TAV Technologies AODB offers a customized, fast, and intuitive user interface and gathers information from all operations-related systems within the airport, updating changes in real-time.

TAV Technologies Airport Operational Database (AODB) is a resilient and comprehensive central repository for operational flight data management. It combines efficiency along with guaranteed, consistent and robust operational performance. AODB stores, distributes and manages all seasonal and real-time flight data. Additionally, the system transforms all aeronautical and non-aeronautical services data to accurate financial figures quickly and coherently.

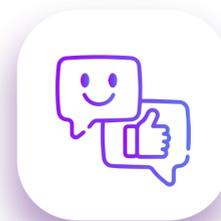


WHY TAV TECHNOLOGIES AODB?



INCREASE IN PERFORMANCE

TAV Technologies AODB provides real-time data and performance information for all relevant operators with its advanced dashboard supplied with live flight data to monitor operation metrics and increase performance.



USER FRIENDLY

TAV Technologies AODB delivers complex flight operation data simplified by a user-friendly interface using its advanced visualization features.



ADAPTABLE & SCALABLE

Thanks to its advanced configuration capabilities TAV Technologies AODB can adapt to fit every type of airport operation and has the ability to manage all authorized airports from a single platform.



PREDICTIVE SYSTEM

TAV Technologies AODB's enhanced algorithms and warning systems inform the operators of possible problems and bottlenecks. AODB ensures a pro-active method rather than re-active.



ENHANCED COMMERCIAL MANAGEMENT

TAV Technologies AODB's enhanced commercial management system has been specifically developed to accommodate airports' financial needs, processes and workflows.



KEY FEATURES



CUSTOM ATTRIBUTE

TAV Technologies AODB's advanced flexibility provides the ability to add custom attributes to the system according to the operation needs without any additional developments.

BULK UPDATE

TAV Technologies AODB's user-friendly interface simplifies the bulk updates on multiple flights improving the efficiency of every-day operations.



MULTI-AIRPORT

TAV Technologies AODB's revolutionary architecture provides the ability to manage all authorized airports from a single application.



CUSTOMIZABLE FOR SPECIFIC AIRPORT OPERATION

TAV Technologies AODB is scalable and offers a wide range of configuration features that are customizable for each type of airport operation.

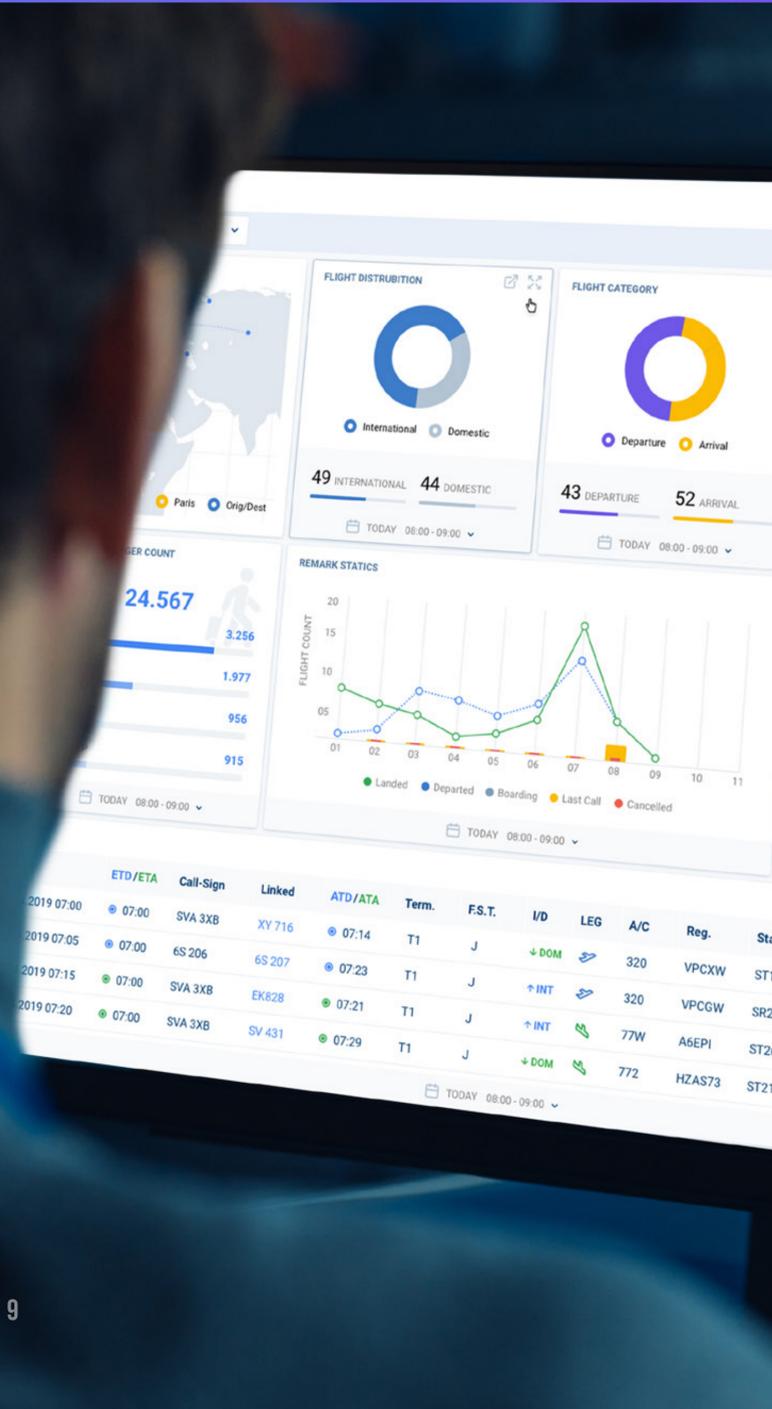
COMPARISON AND PRIORITIZATION

TAV Technologies AODB prioritizes the flight data coming from 3rd party integrations and provides the most reliable data.



FOR FINANCIAL NEEDS OF AIRPORTS

TAV Technologies AODB's enhanced commercial management system has been specifically developed to accommodate airports' financial needs, processes and workflows.



- **Web-Based Architecture**
- Custom Reporting
- **Customizable and highly detailed Alert & Notification Mechanism**
- Detailed Reference Data Management
- **Business Level Logging and Auditing**
- Advanced Data grid with Multiple Data Display Options
- **Mobile and Tablet Application**
- Supports all IATA, Euro control, AFTN Standard Messages
- **Advanced Business Rule Engine configuring Airport Specific Operations**
- User based preferences including IATA & ICAO codes according to operation type
- **Flight Updates with Importing Files**
- CDM Compatibility



DAILY FLIGHT MANAGEMENT

- Custom Load Management (PAX & Cargo) compatible for different unit of measurement
- Flight Diversion & Remark Management
- Allocation Management with aircraft movements
- Advanced Flight History with instantaneous snapshots
- Flight Specific Message Inbox
- Easy to use data grid options including column configurations and flight search
- Event based automatic trigger options
- Comparison and prioritization of data from a variety of integrated systems
- Extended Graphical Data
- Automatic Load Factor Calculations
- Automatic Flight Linkage



SEASONAL FLIGHT MANAGEMENT

- Seasonal Flight Management with specific periods, frequencies and stopover days.
- Supports Industry Standards
- SSM&SCR logic
- Fully configurable season flights roll-out mechanism to Daily Flight with rules.
- Import/export of seasonal flight schedules from/to various files and formats.
- Multiple Season Management

ABOUT



TAV | TECHNOLOGIES

40+
Products

40+
Airports

13
Countries

3
Continents

170 Million
Passengers

TAV Technologies, a subsidiary of TAV Airports Holding which is a member of Groupe ADP, is a leading technology brand; designing, developing and implementing aviation services and solutions globally.

As a visionary technology solution partner and a master systems integrator; it provides total technology management, delivers best-in-class designs & turn-key integrated solutions it develops in its Research-Development Center and Innovation Hub.

The company covers all 3 main streams of information technologies in one company; in-house software product development, contractor for complex ICT projects and IT operations management & consultancy.

Its Smart Airport concept creates high satisfactory experience for passengers, airlines and airports by taking full advantage of the latest technologies and innovations.

It is recognized and trusted globally for 24/7 Operation and Support, state of the art design, installation, configuration and integration for Airport IT & Building Technologies with its agile teams. It provides services in line with internationally accepted ITIL, COBIT standards and has a wide business partnership network with leading companies in the industry. It has also been accredited by the ISO 9001 Quality Management System and ISO 27001 Information Security Management System certificates.



WE surround
THE WORLD with
OUR **TECHNOLOGY**

WE ARE IN
**3 CONTINENTS AND
13 COUNTRIES!**

For more

Contact us!



Headquarters:
Turkey Istanbul

Other Offices

Turkey - **Izmir, Ankara, Bodrum**; Netherlands - **Amsterdam**; Tunisia - **Enfidha**;
Macedonia - **Skopje, Ohrid**; Kazakhstan - **Almaty**; United Arab Emirates - **Abu Dhabi**;
Saudi Arabia - Madinah, Riyadh, Dammam; Qatar - Doha

tavtechnologies.aero



Vadistanbul Bulvar Ayazağa Mah.
Azerbaycan Cad. 2C Blok No: 3L
No: 3 Sarıyer / İstanbul



+90 212 463 30 00



corporate@tavtechnologies.aero



[/tavtechnologies](https://www.instagram.com/tavtechnologies)



[/company/tav-technologies](https://www.linkedin.com/company/tav-technologies)



[/user/TAVBilisim](https://www.youtube.com/user/TAVBilisim)