

AODB

We manage your data



TAV | TECHNOLOGIES
THE FUTURE IS UNDER OUR WINGS

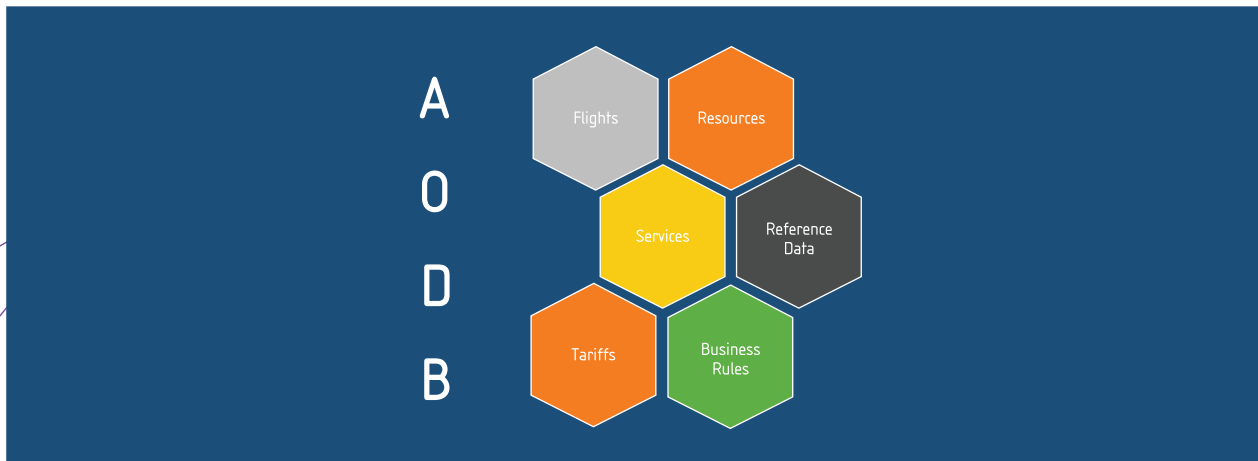
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AODB

✈️ TAV TECHNOLOGIES AODB (AIRPORT OPERATIONAL DATABASE)

✈️ ENSURING CONSISTENT AND ROBUST AIRPORT OPERATIONS

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



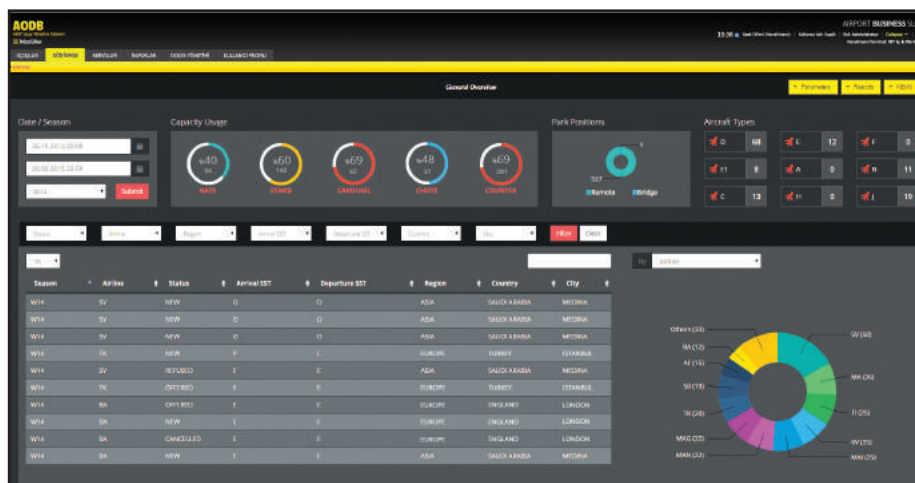
✈️ TAV TECHNOLOGIES AODB KEY FEATURES AND BENEFITS

- Multilingual user interfaces
- A web-based, user-friendly Graphical User Interface (GUI)
- Enhanced security across all levels via authorization and authentication mechanisms
- Powerful, yet easily configurable user access management
- Enhanced notification and alert features
- Advanced auditing facilities
- Extensive statistical and reporting capabilities
- Configurable for IATA and ICAO codes
- Advanced integration capabilities with any systems found in an airport environment.
- Easily customizable and configurable for dynamic airport tariff management; integration with any ERP system for billing purposes
- Compatible with Eurocontrol A-CDM approach: the system can integrate with A-CDM platforms, which allows the tracking and monitoring of KPIs in real time
- Provides a collaborative working environment for all parties, both internal and external
- Platform and database independent
- Provides one central data warehouse for all of an airport's operational, financial and statistical data

- Allows real-time communication between all parties
- Centralized management of multiple terminals and airports
- Scalable to meet airports' future expansion needs
- Robust to support 24/7 operations with its state-of-the-art technology

TAV TECHNOLOGIES AODB comes with advanced integration capabilities that connects AODB via Information Broker (IB) to:

- Airport/Terminal Systems provided from a large number of vendors
- Airline Systems
- Ground Handlers
- SSIM
- AFTN
- IATA Type-B message platforms



✈️ AODB MODULARITY

AODB includes modules that allow management and monitoring of flight data throughout their lifecycles;

Seasonal Flight Management

- Flight information comes from integrated systems automatically.
- Flights can be created manually, if required.
- Resources can be managed seasonally.

Active Flight Management

- Daily flight operation data is received from integrated systems and the Seasonal Module, and resources are allocated automatically at pre-defined time intervals.
- Real-time updates at every step of the operation ensures operational efficiency

Commercial Management

- Operational data is used to generate accurate billing information, to be sent to the invoicing system based on services provided and predefined tariffs.
- Billing information is generated for non-aeronautical services as well.

✈️ SEASONAL FLIGHT MANAGEMENT SYSTEM (SFMS)

✈️ AN OPTIMIZED SOLUTION FOR SEASONAL FLIGHT MANAGEMENT

AODB Seasonal Flight Management System

12:54 (Timezone: UTC) | User Name: Raedh | Role: Admin/Editor | Logout | Airport/Terminal: IST by B. Dha Hattar

FLIGHT | FILE UPLOAD | USER PROFILE

Seasonal Flight List | AFS List | Resource Allocation List | Saver

Seasonal Flight List

Season	Ver	CC	#	Flight	Codshare	Pair Flight	Ugn	Start Date	End Date	Start	Frequency	Leg	Stations	ATC	Reg	S. Cn	Terminal	Counter	VS	AT	UT	Ind	Mode
W17	1	-	2	LN 192				09.02.2018	24.03.2018	12:00	20	0	IST MRA	320		0			1	1	0	3	0
W17	2	-	2	LN 192				25.02.2018	24.03.2018	17:00	20	0	IST MRA	320		0			1	1	0	3	0
W17	1	-	1	QD 2213				11.02.2018	20.03.2018	14:40	7	0	IST IKA	ADA		0			1	1	0	3	0
W17	1	-	1	QD 2213				11.02.2018	20.03.2018	13:10	7	0	IST IKA	ADA		0			1	1	0	3	0
W17	1	-	1	QD 2213				05.02.2018	20.03.2018	14:45	5	0	IST IKA	ADA		0			1	1	0	3	0
W17	1	-	1	QD 2212				05.02.2018	20.03.2018	14:20	4	0	IST IKA	ADA		0			1	1	0	3	0
W17	1	-	1	QD 2212				05.02.2018	20.03.2018	13:45	4	0	IST IKA	ADA		0			1	1	0	3	0
W17	1	-	1	QD 2212				07.02.2018	20.03.2018	13:45	116	0	IST IKA	ADA		0			1	1	0	3	0
W17	1	-	1	QD 2213				07.02.2018	20.03.2018	11:00	3	0	IST IKA	ADA		0			1	1	0	3	0
W17	1	-	1	QD 2212				05.02.2018	20.03.2018	18:05	25	0	IST IKA	ADA		0			1	1	0	3	0

PAGE 1 2 3 4 5 6 7 8 Total Records: 1096 Page Size: 10

AFS List

Doc ID	CC	#	Flight	Codshare	STAD	Station	#	Pair Flight	Pair Flight STAD	Pair Flight Station	Shared with AFS?
	1	1	LN 192		04.10.2017 06:00	MITGA, ISTANBUL					Yes
	1	1	LN 192		01.11.2017 11:00	MITGA, ISTANBUL					Yes
	1	1	LN 192		05.11.2017 11:00	MITGA, ISTANBUL					Yes
	1	1	LN 192		06.11.2017 11:00	MITGA, ISTANBUL					Yes
	1	1	LN 192		06.11.2017 11:00	MITGA, ISTANBUL					Yes
	1	1	LN 192		10.11.2017 11:00	MITGA, ISTANBUL					Yes
	1	1	LN 192		13.11.2017 11:00	MITGA, ISTANBUL					Yes
	1	1	LN 192		16.11.2017 11:00	MITGA, ISTANBUL					Yes
	1	1	LN 192		17.11.2017 11:00	MITGA, ISTANBUL					Yes
	1	1	LN 192		20.11.2017 11:00	MITGA, ISTANBUL					Yes

PAGE 1 2 3 4 5 6 Total Records: 56

- Management of seasonal flight schedules utilizing a range of scheduling alternatives
- Generation of active flight information from seasonal schedules, distributing them to all related systems
- Import/export of seasonal flight schedules from/to various files and formats
- Integration with airlines and ground handling systems in order to access accurate seasonal flight information.
- Seasonal resource allocation and bottleneck detection

AIRPORT BUSINESS SUITE

PRODUCT ▼ LOGIN ▶ ROLE ▼

☐ Aktif Uçuş Yönetim Sistemi
☐ Sezonluk Uçuş Yönetim Sistemi
☐ Ticari Yönetim Sistemi
☐ Bilgi Tabanı Yönetim Sistemi

Kullanıcı Adı:
 Şifre:
 Oluştur:

☐ ADMINISTRATOR
☐ SOFTWARE SUPPORT

TAV TECHNOLOGIES

✈️ COMMERCIAL MANAGEMENT SYSTEM (CMS)

✈️ FOR FINANCIAL NEEDS OF AIRPORTS

TAV TECHNOLOGIES AODB's Commercial Management System (CMS) has been specifically developed to accommodate airports' financial needs, processes and workflows.

- Management of all aeronautical and non-aeronautical charges
- Automated revenue generation from aeronautical and non-aeronautical charges based on agreements, given services and pre-defined tariffs
- Dynamic, instantaneous tariff management
- Easy configuration for and adaptation to any local financial rules, tax regulations, etc.
- For rapid invoicing: source and/or trigger billing processes on any ERP system
- Rich ERP integration options, including integration with Oracle, SAP and other
- Ready-to-use detailed invoice reports
- Ready-to-use periodic financial reports
- Extensive built-in reporting functionality





✈️ WHY TAV TECHNOLOGIES AODB?

Scalability: Highly scalable and can be easily adapted to any size of airports.

Flexibility: it can implement numerous business rules and business processes to meet the needs of different airports in different regions and countries.

Data Integrity: Operations data is maintained in AODB which serves as a central data repository, and is distributed to other systems via IB. This model assures the integrity of data among all airport systems.

Knowledge and Experience: As a result of the combination of vast experience in Airport Management and deep knowledge in Airport Systems Development.

✈️ WHAT TAV TECHNOLOGIES AODB USERS SAY

“TAV TECHNOLOGIES AODB is a robust system that help us to manage the complex and highly-constrained. It runs as a central operational system and assures every stakeholder access to the required data in real-time.

Using **TAV TECHNOLOGIES AODB**, we are capable of managing our business processes in a more effective manner, and we can make decisions more quickly as we are able to access real-time and reliable data easily.”



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