

ARINC AirDB™

Delivers enhanced operational efficiency for airports

Effective use of operational data is at the core of an efficiently managed airport. Rockwell Collins' ARINC AirDB™, our next generation Airport Operational Database (AODB), is the backbone for your airport's operations.

A different view of airport operations – yours

We understand that one solution does not meet all needs, so we've added extensive customisation capabilities and user layouts to ARINC AirDB to help support your training methods, infrastructure, IT budgets, resource allocation, and service level agreement levels – ARINC AirDB has been developed with your unique requirements in mind.

The best of both worlds

The ARINC AirDB application has a simple graphical user interface (GUI) with rich visual effects so it's ready to go right away. The GUI can be customised so you can modify it for your specific environment, adjust the "look and feel," select the language, pick which colors are used to highlight arriving and departing flights. The operational GUI even allows you to create an additional airport should you acquire another site.

Mobile technology lets the work be done anywhere

ARINC AirDB embraces mobile and tablet technologies to provide flexible operations on the move. AODB can support activities completed anywhere in and around the airport, so work can be done wherever is most efficient, whether its landside, airside or right at the aircraft. Mobility also provides a valuable strategy for handling unforeseen events: if your control room needs to be quickly evacuated or re-located, ARINC AirDB enables you to continue to do business in challenging and changing conditions.



Quick facts

- Web-based open architecture (uses HTML 5)
- Host multiple airports
- Mobile and tablet friendly
- Multi-language support
- Hosting data centre or cloud technology
- Rules wizard and engine
- Multiple data source support and control
- Bulk updates which include batch edit and multi-row edit capabilities
- Airport Collaborative Decision Making (A-CDM) compliant
- Aviation Information Data Exchange (AIDX) slot message support



ARINC AirDB™ dashboard

Built-in business intelligence

With its easy-to-use interface, ARINC AirDB lets users manage powerful business intelligence (BI) software. BI rules control data, which helps improve accuracy. If certain conditions are not met, ARINC AirDB notifies users through the interface, email or Simple Mail Transfer Protocol (SMTP) supported Short Message Service (SMS) messages.

Reporting that improves performance

If you don't know what's happening, it's difficult to improve. ARINC AirDB provides statistical reporting and performance dashboards, which you can tailor so the data type, look and feel reflect your demands.

A variety of hosting options provide flexibility

ARINC AirDB can run single or multiple airports from a variety of hosted environments – from your airport's own data centre, our data centre or using cloud computing. This flexibility offers significant savings to airports or airport groups managing multiple sites.

A fully integrated platform that meets industry standards

ARINC AirDB is a part of our completely integrated suite of Airport Operational Management products for handling critical airport operations, data integration, information, auditing, and resources. The complete suite includes ARINC AirDB (AODB), ARINC InfoHub (ESB), ARINC AirVue™ digital signage solutions, ARINC AirPlan (RMS), and ARINC VeriPax™ door-to-door passenger facilitation. In addition, ARINC AirDB has built in support for third-party integrations. It also can integrate with prepopulated reference data.

ARINC AirDB is industry compliant through the support of the IATA AIDX RP1797a standard and provides an exceptional platform for airports seeking a foundation to achieve A-CDM benefits.

Learn more at rockwellcollins.com/arinc/airports

About Rockwell Collins

Rockwell Collins is a pioneer in the development and deployment of innovative communication and aviation electronic solutions for commercial and government applications. Our ARINC information management services offer seamless, secure and reliable solutions to customers in the aviation & airport, rail and critical infrastructure sectors and enable mission-critical data and voice communications and management throughout the world.

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