



UltraDB

Airport Operational Database (AODB)

Features

- Provides overall control of operational data within the airport
- Reduces integration risk and cost
- Reduces data management costs
- Secure data access and distribution
- Improves operational efficiency
- Facilitates performance trend analysis

Ultra has unrivalled expertise in the design, implementation and supporting of systems integration and AODB programmes.

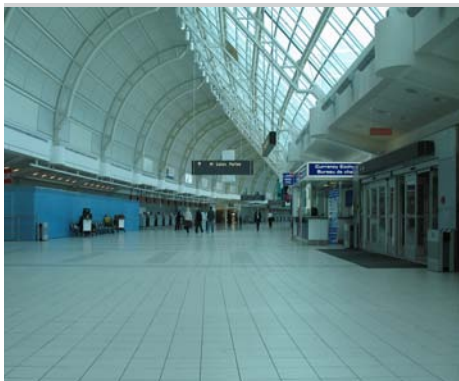
UltraDB enables airport systems integration. It can be used to control information distribution between application systems, allowing users to make correctly informed decisions based on centralised data. UltraDB maintains airport data integrity through the use of validity checks and prioritisation of data sources to ensure the highest quality of data. The standard XML-based application services can also be combined with the UltraDB product to further extend and simplify system integration.

Key Features

- Data filtering and verification
- Data warehousing
- Data synchronisation
- Data distribution
- Extensive library of plug-and-play adaptors
- Supports latest and legacy standards
- UltraDB can be delivered with our other airport operational multi-lingual administration and display clients
- The task of interfacing with new external applications with UltraDB remains simple and cost efficient.

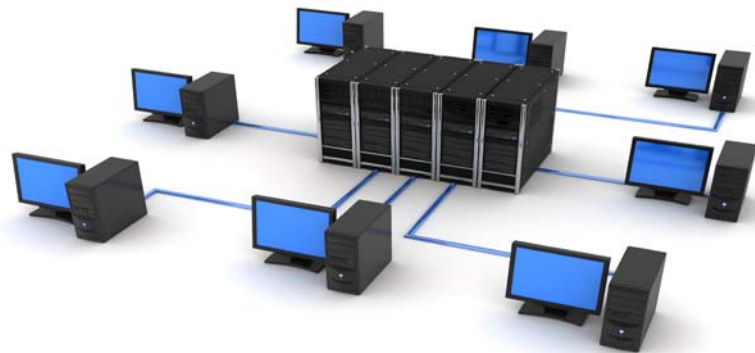
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Ultra's commitment to standards-based integration is demonstrated through its involvement with industry initiatives such as the ACI FIMS/IATA AIDX committee and the IATA XML working group. This commitment is reflected in the design approach for UltraDB.



Secure open access and distribution of data to authorised users has always been a major feature of UltraDB. It has continued to evolve to meet new industry standards, from ODBC and SQL to loosely coupled messaging interfaces offered in the J2EE environment with XML, JMS and HTTP.

UltraDB provides complete control of access to stored data. This control is exercised through a combination of network security, filtered data distribution and password controlled access to user functionality and operational data at a number of levels.



UltraDB provides data storage and distribution in a logical, controlled and structured manner. Information held in UltraDB includes all flight and operational data, such as seasonal and active flight schedules, and industry standard reference data.

Non-flight-related information is also accessed centrally in UltraDB, for the efficient and cost-effective management of the airport terminal building.

Historical flight and transaction logging data is stored on-line for a configurable period, typically 1-3 years, for reporting, billing and statistical analysis, and is then backed up automatically to offline data storage.

Ultra's unique pool of airport-focused consultants and engineers, each with a proven track record in delivering airport operational database solutions ensures your system integration requirements are met with the lowest possible risk to your operation.

Provides standard processing of data from AFTN, SITA, SCORE along with data from other sources through standard interfaces ensures accurate up-to-the-minute operational data.

UltraDB is compatible with UltraFIDS and UltraResource and can be co-hosted on the same platform. It can be delivered across a range of different manufacturer platforms including standard and virtualised servers.



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