Highly accurate and reliable airport mapping database

Lido AMDB

Are you looking for the most **accurate spatial database** containing all **airport features** to support your airline's taxi operations? Then look no further!

Our c**ertified** Lido AMDB represents **airports' spatial layouts in a geo-referenced manner** to enable your onboard EFB airport moving map application, advanced ground avionics functions, and various other use cases. The database includes the geometry of runways, taxiways and buildings, as well as functional information. All this information is necessary for the Airbus Onboard Airport Navigation System (OANS) and Boeing Airport Moving Map (AMM) displays.

Supported avionics and EFB functions include:
- airport moving map (AMM),
- brake to vacate (BTV),
- runway overrun prevention system (ROPS),
- approaching runway advisory (ARA), and
- take off security pack 2 (TOS 2).

Key Benefits & Features

Tailoring options available
Flexible airport library, tailored according to your needs

Independent
Support of both Airbus and Boeing aircraft, consistent data, even with mixed fleets

Up-to-date information
Lido AMDB NOTAMs provided daily, ensuring users are aware of short-term (temporary) changes

EASA certified
Fulfils all relevant industry standards and is certified according to EASA Service Provider Certificate Type 1

Standardized coding rules
Consistent and intelligible data

Increased safety and efficiency

The Lido AMDB is generated **using high-resolution, geo-reference satellite images** and is enhanced with information from **authoritative source publications**. This is the most accurate way to generate airport data, allowing you to align your own-ship position on the airport map. Furthermore, the Lido AMDB feeds data into the Lido AMM, ensuring consistent data between the onboard airport moving map and the EFB.
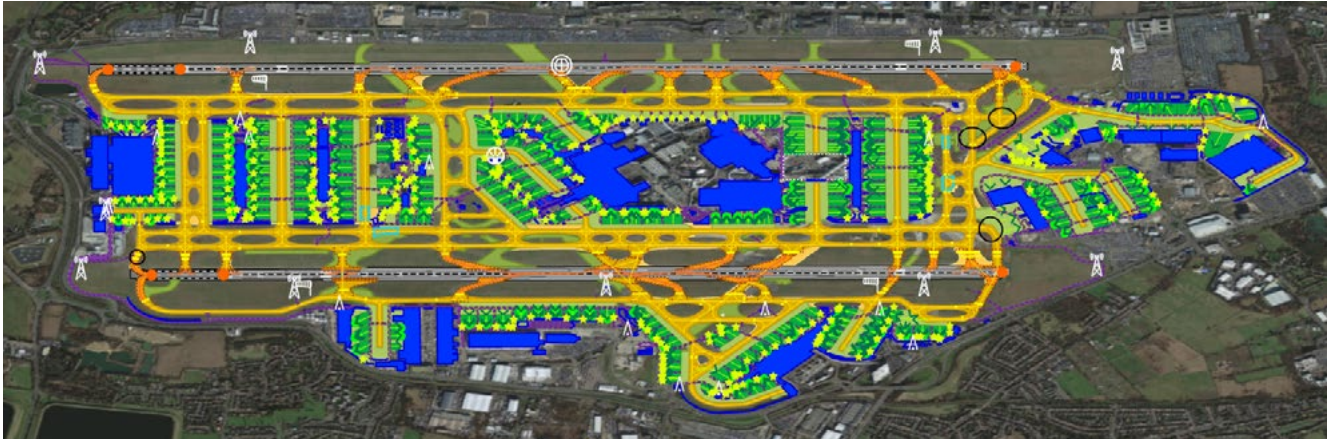
Satellite image of London Heathrow Airport with a Lido AMDB overlay

Specifications

Supported Aircraft onboard systems	Airbus ANF/OANS: A350, A380, A320 family, A330 & A340 Boeing AMM: B787 and B748
Data processing assurance level	2 (essential)
Certification and Industry Standards	EASA Service Provider Certificate Type 1 & 2 Commission Implementing Regulation (EU) 2017/373 RTCA DO-200, RTCA DO-272, RTCA DO-291, ARINC 816
Update cycles	28 days (AIRAC), chart NOTAMs daily
Supported formats	ARINC 816 Shape files
Coverage	> 450 Airports AMDB > 1,800 additional airport vector data sets
ARINC 816 viewer	Easy to use AMDB viewer, allowing the depiction of AMDBs for back-office usage

Safety enhancements

The Lido AMDB can help increase the safety of your airline's operations by:
- preventing runway incursions,
- requiring less heads-down time, and
- increasing situational awareness when planning and conducting ground operations.

Efficiency enhancements

The Lido AMDB can help your airline increase their efficiency by:
- decreasing pilots' workload, allowing them to spend more time focusing on the tasks at hand, and
- decreasing maintenance requirements (saving time and money) through the brake-to-vacate function available for A350 and A380.

Additional use cases

The precise ground data for more than 2,000 airports is also available as vector datasets for additional use cases, including:
- Digitalization of airport ground processes
- Take-off and landing performance calculations
- Autonomous ground navigation/Advanced Air Mobility
- Board entertainment systems
- Synthetic and combined vision systems
- Charting
- Flight simulators and gaming
- Research projects

→ **For more information please contact marketing@LHsystems.com**