

Lido mPilot

Integrated Navigation. Enhanced Awareness. Trusted Performance.

A comprehensive navigation solution

Lido mPilot is an integrated charting and navigation solution for iPadOS designed to simplify pilot workflows and enhance situational awareness from gate to gate. It provides seamless access to terminal charts, dynamically generated Enroute Maps, an interactive Airport Moving Map (AMM), and operational documents within a single application. A modern Liquid Glass user interface improves visual clarity and usability, helping pilots access information more efficiently.

Smart charting & tailored experience

The Lido Route Manual charts, at the heart of Lido mPilot, are carefully designed to clearly display aeronautical procedures and information. Optimized for electronic displays, they feature high-contrast colors for use in both light and dark mode environments. As georeferenced and to-scale charts, they ensure precise positional awareness and seamless integration with navigation systems.

Lido mPilot's single-procedure display shows only procedure-relevant content, simplifying briefing and enhancing clarity. Runway filters allow procedures to be displayed for a specific runway, while aircraft filters enable the display of procedures or information tailored to specific aircraft types.

Through the Company Information layer, airlines can overlay operational content such as restricted airspace, security areas, temporary procedures, or customized parking stands directly within the application. Managed through the dedicated Lido Web Portal, updates can be maintained centrally and made available to crews whenever needed.

Key benefits & features



Effortless ground navigation

Visualize airport layouts in detail, navigate taxiways with ease using the Airport Moving Map (AMM).



Advanced weather forecasting

Access targeted weather data, including icing and turbulence forecasts and reports, with vertical profile views.



Seamless workflow integration

Integrates into airline systems to highlight the most relevant data throughout the flight.



Enhanced pilot situational awareness

Shows aircraft position on all chart types using AID, internal location services, external GPS, or GDL 90-compatible data sources such as Starlink.



Company Information

Overlay custom content such as restricted airspaces or customized parking stands, easily maintained via our Web Portal airline interface.



GPS Jamming/Spoofing

Receive real-time information on GPS jamming and spoofing in-flight; operational teams access regional monitoring and reporting via GPSwise.



Lufthansa Systems

Navigate with certainty.

Enhanced situational awareness

Lido mPilot allows for the display of the own-ship symbol on all charts, utilizing an aircraft interface device (AID), iPad's Apple location services, external GPS receivers, or GDL 90-compatible data sources such as Starlink. This feature boosts situational awareness during all operations.

Seamless workflow integration

Lido mPilot integrates with modern airline workflows. By reducing pilot information overload and highlighting relevant flight data based on aircraft location and active flight plans, it ensures that key operational information is presented when and where it is needed.

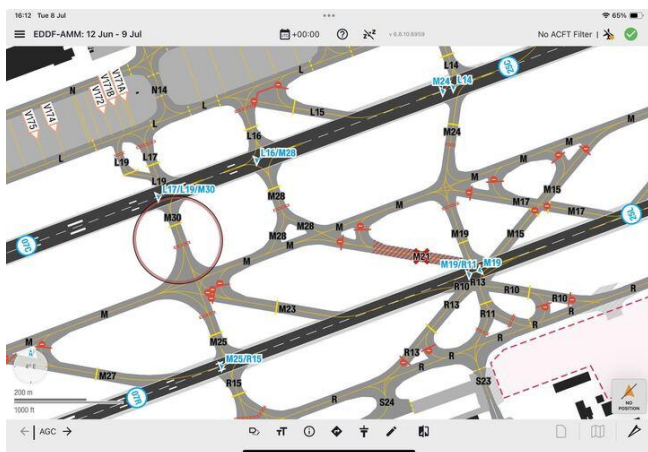
Designed for operational efficiency, Lido mPilot also connects directly with Lido mBriefing, enabling a streamlined transition from briefing to in-flight execution. Its compatibility with third-party applications further enhances flexibility and adaptability within diverse airline ecosystems.

Effortless airport navigation

The Lido Airport Moving Map (AMM) is a digital navigation tool designed for pilots and aviation professionals to enhance airport navigation with real-time, dynamic maps. It provides precise and current information on aircraft positions, movements, and the surrounding environment, improving safety and operational efficiency.

Key benefits include enhanced situational awareness through own-ship symbol depiction, minimized risks of runway incursions, optimized taxi routes, and better communication between pilots and ground controllers, especially in complex or low visibility conditions.

Lido AMM covers over 2,500 airports and integrates with Lido mPilot for fleet-wide use.



Lido Airport Moving Map of Frankfurt Airport

Stay ahead of the weather

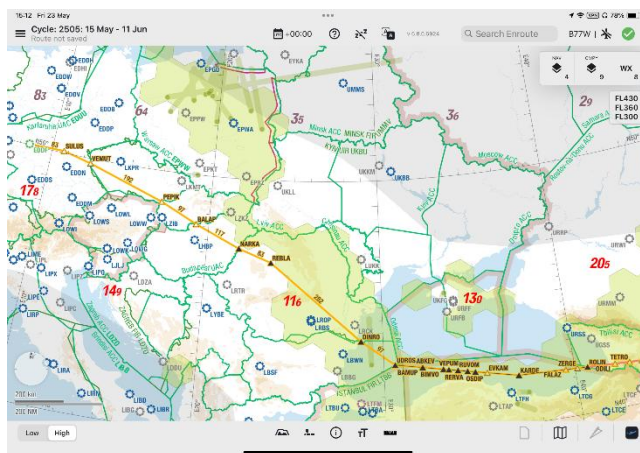
Make better operational decisions with integrated weather intelligence available directly within the flight deck workflow. Lido mPilot features integrated advanced weather data to support safer, smarter flight operations.

- **Live Observations:** Convection and Cloud-Top Heights
- **Forecasts:** Icing, Turbulence, and Vertical Weather Profiles
- **Critical Alerts:** SIGMETs, Tropical Cyclone Advisories, and Volcanic Ash Advisories

GPS Jamming/Spoofing

To support navigation in increasingly complex operating environments, Lido mPilot provides integrated GPS jamming and spoofing awareness through GPSWise, provided by SkAI Data Services.

Real-time, location-based information helps crews and operations teams rapidly identify affected areas and respond to potential threats. By reducing reliance on manual reporting and providing timely operational insight, Lido mPilot enhances situational awareness and supports more resilient navigation in disrupted airspace.



GPS Jamming/Spoofing Layer on the Enroute Map

By bringing navigation, operational information, weather intelligence, and airport awareness into a single application, Lido mPilot supports efficient and informed decision-making throughout every phase of flight.

For more information please contact
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Let's fly smarter

LHsystems.com