

News

Lido User Group Conference 2026 showcases new ways to improve efficiency in flight operations

- Route optimization with the new VOLAR optimizer delivers faster results and more efficient routing in complex, constrained airspace, enabling notable fuel savings
- Integrated Flight Support (IFS) connects planning, monitoring and inflight support, accelerating decisions across dispatch–cockpit workflows
- Inflight Optimization (IFO) brings real-time recommendations into Lido mBriefing to turn data into measurable savings during the flight

Raunheim, 7th May 2026. [Lufthansa Systems](#) brought together around 350 participants from approximately 90 airlines in Madrid from May 5 to May 7 for its Lido User Group Conference (LUG) 2026, showcasing three concrete levers for more efficient operations: route optimization with VOLAR, integrated workflows with Lido Flight 4D IFS, and Inflight Optimization via Lido mBriefing.

To further support airlines in improving operational efficiency, Lufthansa Systems presented VOLAR, the new optimizer for Lido Flight 4D. The optimization significantly improves route calculation by identifying more efficient routing options while managing complex and constrained airspace environments. In addition, the new underlying hardware architecture accelerates calculation times and delivers optimization results much faster.

Integrated workflows from flight planning to the cockpit

Another key topic was the ongoing evolution of Lido Flight 4D Integrated Flight Support (IFS). The next generation solution integrates flight planning, flight monitoring and inflight support into one system and was demonstrated live in the plenary session, enabling dispatchers to improve operational awareness, decision-making and overall safety. Participants could also experience IFS directly in the Lab and discuss workflows with product experts.

Beyond planning, Lufthansa Systems presented Inflight Optimization (IFO): using up-to-date operational parameters; IFO suggests optimized flight profiles to the crew. Future updates will deliver these suggestions directly through Lido mBriefing so accepted recommendations flow into the navigation log and pilot workflows are streamlined.

In the Data Solutions area, Lufthansa Systems highlighted more consistent meteorological data across Lido solutions, making sure that Pilots and Dispatchers have the same information for safety and efficiency critical decision making. Additionally, the benefits of a deeply integrated Lido Airport Obstacle Data Service (AODS) within the Lido Portfolio were presented to reduce briefing times, improve situational awareness and streamline back-office processes. Partner sessions with Honeywell, Collins Aerospace and CEFA complemented the program.

Another highlight was a set of customer insights: KLM shared how the roll-out of IFS across its short-haul fleet significantly increased dispatch efficiency by improved workflows and even

more automation. Air France and Wizz Air added further perspectives from daily operations. These ranged from dispatch-cockpit collaboration to more precise contingency fuel planning through seasonal and time-of-day grouping.

The conference program included plenary sessions, breakout sessions, and focus groups covering [Flight Planning Solutions](#), [Pilot Solutions](#) and [Data Solutions](#). Participants created their own agendas and explored new developments in the Lido Marketplace.

“Efficiency is the defining factor in today’s flight operations. At LUG 2026 we showed how the new VOLAR optimizer, the evolution of Lido Flight 4D IFS, and our new Inflight Optimization capabilities translate into measurable operational gains — built together with our user community,” said Julien Falco, Chief Product Owner Lido at Lufthansa Systems.

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