

News

ANA invests in next-generation flight planning

- All Nippon Airways (ANA) selects the flight planning solution Lido Flight 4D from Lufthansa Systems to enhance its operational efficiency and reduce fuel costs
- The integrated setup includes the module for Integrated Flight Support (IFS) for real-time flight monitoring and optimized dispatcher workflows
- Lufthansa Systems collaborates with ANA to build pilot-driven replanning capabilities

Raunheim, 16th July 2025. All Nippon Airways (ANA), Japan's largest airline and a 5-star carrier by Skytrax, has selected Lido Flight 4D, the most advanced flight planning solution from Lufthansa Systems, and has just started the implementation for ANA's use. With this move, ANA reinforces its focus on stability in flight operations while enhancing cost efficiency through next-generation aviation IT.

Lido Flight 4D supports superior route optimization, highly automated flight planning, and improved fuel efficiency by incorporating real-time data, such as airline-specific operational data, weather conditions, and airspace restrictions. Central to ANA's implementation is the adoption of Lido Flight 4D Integrated Flight Support (IFS), which combines flight planning, monitoring, and in-flight support. The solution empowers ANA to elevate its flight management standards, ensuring unparalleled reliability and maintaining the highest safety standards across its global operations.

"We are proud to welcome ANA to the Lido family. As a flagship customer in Asia, their decision underscores our strong growth in the region and confirms the relevance of the solutions we offer for complex operational environments," said Stefanie Neumann, CEO of Lufthansa Systems.

"Our *Next-Generation Operations Concept* is founded upon the impending digital transformation and AI integration. Even in its ongoing development phase at the time of our decision, Lido Flight 4D IFS demonstrated capabilities that were most aligned with our concept. Its cutting-edge automation, significant potential, and seamless integration into our operations made it the best-in-class choice to support our operational goals. Simultaneously, we recognize the challenge of transitioning our mindset from manual to data-driven automation. To achieve this strategic objective, we selected the most reliable system, a decision significantly influenced by the flexibility of the Lufthansa Systems team in supporting our specific operational workflows," said Kazuto Shiba, Vice President, Operations Management Center at ANA.

Lufthansa Systems will collaborate with ANA to develop the capability for pilots to make adjustments to dispatcher-prepared flight plans, allowing the integration of the latest operational insights into the operational flight plan. The pilot planning interface enables changes to altitude, speed, and route options as part of ANA's established briefing process.



“With Lido Flight 4D IFS, we have introduced a new era of flight planning to the market. ANA’s commitment underlines the industry’s trust in the strategic direction we are taking. Our collaboration with ANA demonstrates our ability to deliver best-in-class flight management solutions while adapting to customer needs – laying the foundation for scalable innovations and operational efficiency,” said Philipp Barzen, Head of Lido at Lufthansa Systems.

The integration of Lido Flight 4D supports ANA’s strategy to remain at the forefront of innovation in aviation by providing measurable value through optimized flight routings, reduced environmental impact, and increased operational efficiency. This project also marks a strategic milestone for Lufthansa Systems, as ANA is the company’s first customer in Japan to implement Lido Flight 4D.

About All Nippon Airways

Founded in 1952 with just two helicopters, All Nippon Airways (ANA) has grown to become the largest airline in Japan. Today, ANA HOLDINGS Inc. (ANA HD) is recognized as one of the World’s Most Admired Companies by Fortune.

ANA HD was established in 2013 as the largest airline group holding company in Japan, comprising 71 companies. It offers three distinct airline brands: ANA, Peach, the leading LCC in Japan, and AirJapan, launched in 2024 for international routes covering Asia.

ANA’s legacy of superior service has earned SKYTRAX’s 5-Star rating every year since 2013, making it the only Japanese airline to win this prestigious designation for 12 consecutive years.

In 2025, ANA was honored with FlightGlobal’s Executive Leadership: Asia-Pacific Award for its visionary leadership and strategic growth.

ANA is also a four-time recipient of the ATW Airline of the Year award, recognized for excellence in aviation.

ANA HD has been selected as a member of the Dow Jones Sustainability World Index list for eight consecutive years and the Dow Jones Sustainability Asia Pacific Index list for nine consecutive years.

For more information about ANA and ANA HD, please visit: <https://www.ana.co.jp/group/en/>

About Lufthansa Systems

Lufthansa Systems GmbH, the leading airline IT provider, has been shaping the future of digital aviation for 30 years. Helping airlines unlock their full potential, the company combines profound industry know-how with advanced technological expertise. A subsidiary of the Lufthansa Group, the company offers its more than 350 customers worldwide a portfolio with often market-leading products that cover all airline business processes – on the flight deck, in the cabin, and on the ground. Lufthansa Systems is committed to improving its own environmental footprint and that of its airline customers of all sizes and business models. Headquartered in Raunheim near Frankfurt/Main, Germany, Lufthansa Systems employs around 3,000 people at its locations in 16 countries. www.LHsystems.com

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