

News

SriLankan Airlines strengthens flight planning stability and fuel efficiency with Lido Flight 4D

- SriLankan Airlines returns to Lido Flight 4D, to reduce costs, improve efficiency, and enhance operational stability
- [Lido Flight 4D](#) optimizes routes using real-time weather data, Air Traffic Management restrictions, and aircraft performance parameters to support dispatcher decisions
- Existing configuration elements from the previous collaboration enable a shortened four-to-six-month implementation while maintaining full operational readiness

Raunheim, 16th June 2026. SriLankan Airlines has implemented Lido Flight 4D from [Lufthansa Systems](#), reinforcing a partnership that originally began in 2014. The decision follows an evaluation of alternative providers and addresses specific operational requirements related to system reliability, route optimization, and dispatcher workflow efficiency.

Why is flight planning stability and fuel efficiency important for airlines?

Lido Flight 4D flight planning solution optimizes flight routes based on current weather data, airspace restrictions, and aircraft performance, helping airlines reduce fuel consumption, improve efficiency, and enhance operational stability. The system supports dispatchers with a modern user interface and enables data-driven decision-making throughout the flight planning process.

After operating with another flight planning system, SriLankan Airlines identified limitations in operational flexibility and integration depth. The airline decided to transition back to Lido Flight 4D to regain a stable and fully integrated flight planning environment that supports daily operations across its route network.

“Coming back to Lido Flight 4D enables us to build on a proven foundation with a partner that understands the complexities of our operational needs,” said Capt. Patrick Fernando, Chief Technical Officer at SriLankan Airlines. “Our objective was to regain system stability and improve route optimization accuracy across our network. Lido Flight 4D provides the capabilities we need to optimize our flight operations and respond effectively to changing market conditions. We are pleased to once again collaborate closely with Lufthansa Systems.”

“We are pleased to introduce the innovative Lido Flight 4D flight planning system into our operations. This cutting-edge solution empowers us to optimize flight planning, enhance fuel efficiency, reduce CO₂ emissions, and drive measurable improvements in operational performance. Lido Flight Planning plays a key role in our digital transformation, enabling a shift from manual processes to an automated, data-driven, integrated, and real-time operational ecosystem with a strong focus on sustainability,” said Mr. Chamara Perera, Group Head of Information Technology.

With this implementation, SriLankan Airlines strengthens its flight planning framework, supporting long-term operational reliability, fuel efficiency, and structured decision-making processes. Both teams worked closely together to ensure a smooth transition and stable day-to-day performance.

“We are happy to resume our long-term cooperation with SriLankan Airlines,” said Ashish Ahuja, Vice President, Sales & Client Management Indian Subcontinent at Lufthansa Systems Asia Pacific. “The airline required a stable flight planning environment with precise aircraft performance modeling and reliable route optimization. By reactivating established configurations and interfaces, the project timeline has been reduced significantly, ensuring operational continuity while restoring full functionality.”

About SriLankan Airlines

SriLankan Airlines, the National Carrier of Sri Lanka and a member of the oneworld alliance, is an award-winning airline with a firm reputation as a global leader in service, comfort, safety and reliability.

Launched in 1979, the airline's hub is located at Bandaranaike International Airport in Colombo providing convenient connections to its global network (including codeshare partners) of 130 destinations across 63 countries around the world. Its direct route map covers major cities across the Europe, Australia, Middle East, Indian Subcontinent, Southeast Asia and the Far East. The Airline operates an all-Airbus fleet including a state-of-the-art A330-300 and modern A320/321neo fleet.

The latest accolades won by the Airline include, PATA Gold Awards 2023- Marketing Carrier, APEX IFSA Best Inflight Food or Beverage 2024 Award- Sri Lankan Flavours, 2023 APEX Passenger Choice Awards® -for Best Food & Beverage in Central/Southern Asia and Best Seat Comfort in Central/Southern Asia, Sheikh Mohammed Bin Rashid Al Maktoum (SMBR) Global Aviation Awards-Best Aviation Sustainability Programme (Mathaka upcycling project), World's Leading Airline to the Indian Ocean title for the sixth consecutive time and Asia's Leading Airline to the Indian Ocean title for the fifth consecutive time at World Travel Awards 2021, and PATA Gold Awards 2021-Marketing Carrier. For more information visit www.srilankan.com

About Lufthansa Systems

Lufthansa Systems GmbH, the leading airline IT provider, has been shaping the future of digital aviation for more than 30 years. Helping airlines unlock their full potential, it 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. As part of an international airline ecosystem, it connects diverse expertise across APAC, EMEA and the Americas.

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