

News

China Airlines relies on planning solution from Lufthansa Systems

- China Airlines implements NetLine/Plan from Lufthansa Systems to support profitability and network growth in the highly competitive market environment
- With NetLine/Plan, China Airlines strengthens its ability to plan capacity according to demand fluctuations across Taiwan and major connecting markets
- The carrier renewed the contract for the flight planning solution Lido Flight 4D to support operational efficiency and sustainability targets further

Raunheim, 27th August 2025. China Airlines, a Taiwan-based carrier, selects the network planning solution NetLine/Plan from Lufthansa Systems to enhance its strategic decision-making and competitiveness. Operating in a highly contested market with two other major carriers, China Airlines is the first in Taiwan to implement a sophisticated, model-based solution for forecasting network profitability and optimizing its route portfolio. The solution is delivered as a cloud-hosted SaaS via the Global Aviation Cloud from Lufthansa Systems, ensuring high scalability and data security.

“Our market environment requires agile, data-driven decisions to stay competitive and respond to changing demand patterns,” stated China Airlines. “NetLine/Plan provides the advanced modeling capabilities we need to evaluate network scenarios quickly and transparently, helping us strengthen our profitability and plan for long-term growth. It will support us in aligning capacity with demand in the local market as well as in other key connecting markets like Asia to North America. This cooperation also supports China Airlines’ ESG goals by enhancing fuel efficiency, reducing emissions, and promoting paperless operations through optimized planning solutions.”

Developed in collaboration with many leading network carriers and aircraft manufacturers worldwide, NetLine/Plan solves the toughest network planning challenges: forecasting profitability, improving efficiency, and increasing the network’s footprint. The network planning solution enables airlines to evaluate network planning scenarios with unmatched speed, accuracy, and transparency. While other tools take several minutes or even hours to deliver network planning results, NetLine/Plan can perform a full O&D-based network evaluation in less than 30 seconds, allowing network planners to work more efficiently and evaluate multiple network scenarios at once. Powered by the most sophisticated proprietary models and data, NetLine/Plan can forecast profitability with the accuracy and consistency that is required in today’s fast-changing airline industry. NetLine/Plan’s flexible views, analyzers, and reports provide the transparency needed for the user to drill down to the most granular level of the analysis and make decisions with confidence.

Additionally, China Airlines has renewed its contract for Lido Flight 4D, the advanced flight planning solution from Lufthansa Systems. Lido Flight 4D is designed to optimize operational efficiency and safety. It calculates the most efficient routes by considering real-time data, such as weather conditions, air traffic management restrictions, and cost factors like air traffic

control (ATC) charges. The system offers flexible automation options, from fully interactive to fully automated workflows.

Part of its extension involves the utilization of Lido mBriefing, which is fully integrated into Lido Flight 4D. It offers pilots a unified and efficient experience, spanning from pre-flight preparation to post-flight reporting. The iOS-based mobile solution ensures that flight crews have the necessary tools and information at hand, making their workflows smoother and more effective. Access to critical flight information is secured even in offline mode, enabling pilots to manage flight plans, order fuel, and document ATC clearances regardless of connectivity.

“Our continued work with China Airlines builds on a foundation of trust and proven results, now extended from flight planning to network optimization,” said David Parrish, Senior Vice President, Sales & Client Management Asia Pacific at Lufthansa Systems. “With Lido Flight 4D supporting operational efficiency and sustainability goals, the addition of NetLine/Plan marks the next step in enabling fast, data-driven decisions across the airline’s planning process.”

About China Airlines

China Airlines (CAL) was founded in 1959. The Taiwan-based carrier now employs more than 10,000 people worldwide and the Group’s fleet has grown to 115 aircraft. A longstanding supporter of environmental protection and socio-economic development, China Airlines embraces corporate sustainability and strives to become the leading airline in the Asia-Pacific and fly worldwide by providing every traveler with the utmost flying experience. China Airlines is one of the 18 carriers that make up the SkyTeam Alliance, providing passengers with access to an extensive global network of more than 13,600 daily flights to 1,000 destinations in 160 countries. China Airlines continuously delivers a safe, high-quality, eco-friendly, and innovative flying experience, ensuring a comfortable journey and peace of mind for travelers and creating more wonderful moments through flying. As the leading air cargo carrier in the Taiwanese market, China Airlines Cargo Services provide consignors with a reliable, convenient transportation service that is always being improved.

Major domestic and international accolades garnered by China Airlines in recent years include a gold award at the first ESG Transportation Sustainability Award; consecutive wins at the Taiwan Corporate Sustainability Awards and Global Corporate Sustainability Awards; being selected for the FTSE4Good Emerging Index and FTSE4Good TIP Taiwan ESG Index; being chosen as a constituent stock of Dow Jones Sustainability Indices (DJSI) for the eighth time; as well as the Five Star Global Airline and Best in Food and Beverage awards from the Airline Passenger Experience Association (APEX), and was named the “Best Airline in North Asia” by Global Traveler magazine.

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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