

March 2010

Hot Topics

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News

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1,5 million

The Sirax Air Finance Platform from Lufthansa Systems enables airlines to promptly collect outstanding payments in full. Airlines using the powerful IT solution to settle tickets with their interline partners can generate additional revenues of up to \$2 per passenger thanks to more exact calculations. For a medium-size airline with 750,000 interlining passengers, this could boost revenues by up to \$1.5 million.

Hot Topics

Integrated Commercial Platform optimizes network and revenue management

Schedule management and revenue management are central pillars for the management of any airline. Two different departments are usually responsible for developing flight schedules on the one hand and revenue management and pricing on the other hand. To achieve the optimal result for an airline overall, each manager needs a way to assess the effects of his decisions on the other department and on the total airline result. To address this requirement, Lufthansa Systems has just launched the innovative Integrated Commercial Platform (ICP). The ICP covers all of an airline's network and revenue management processes, ensuring a consistent, comprehensive overview of the information relevant to commercial planning. This gives airlines a solid foundation of data for managing their business and contributes to a significant increase in profitability. The innovative product links all core network management processes, from market analysis, long- to medium-term network planning and schedule and code share management, to revenue management and pricing. All managers involved can directly access all the data relevant to commercial planning via a portal, including fares, frequencies, average revenues and the market share of a route as well as competitors' offers. The Integrated Commercial Platform combines proven, successful products from the NetLine and ProfitLine suites: NetLine/Plan and NetLine/Sched for long- and short-term network planning, ProfitLine/Yield for revenue management, ProfitLine/Price for pricing, NetLine/Market for market and competitor analyses and SchedConnect for codeshare management. Another innovative element of the platform is the Opportunity Finder which identifies opportunities for generating additional revenues. The Integrated Commercial Platform gives airlines a competitive edge by enabling them to respond more quickly and flexibly in a complex and dynamic market environment. As economic success depends on this capability, integrated IT platforms like the ICP are the future of the airline industry.

InflightMonitor from Lufthansa Systems keeps track of flight plans Continuous optimization of routings until touch-down

Lido/Flight from Lufthansa Systems calculates optimal routings with regard to fuel consumption and costs by taking several factors into account, such as the weather and airspace situation. As a flight plan for a long haul flight is usually filed several hours before take-off, the basis of the optimization can change shortly before or even during the actual flight. Adverse weather conditions or airspace and airport closings can necessitate a new route. The InflightMonitor functionality of Lido/Flight automatically keeps track of all changes that affect a flight that is not completed yet. The user-friendly system provides dispatchers promptly with the necessary relevant information as well as suggestions for optimization. This enables the dispatcher to decide on the optimal adjustments to the flight plan based on the new conditions. As soon as a flight plan has been calculated and optimized with Lido/Flight, the InflightMonitor functionality starts its work. It automatically checks every flight that has been calculated but not yet completed against all new incoming airspace restrictions, airport- and weather data that is uploaded to our comprehensive database automatically. Nearly 150,000 pieces of weather information and 3,000 NOTAMS, amongst others, are processed every day by Lido/Flight to keep the central database in a constant "real-time" state. As soon as the InflightMonitor detects that a notification will affect one of the flight plans already calculated, it uses color-coding to display the type of change and how the flight plan may change and informs the dispatcher via a pop-up window if necessary. The tool also suggests alternative routes to guarantee the on-time arrival of the flight. Dispatchers can view these alternatives in graphic form. This helps them to quickly compare the proposed routings to make a decision. Via the Datalink connection to the cockpit, dispatchers are able to keep the cockpit crew informed of necessary changes to the routing and even include them in the decision-making process. In addition, Lufthansa Systems developed a functionality to monitor the actual routing as flown. During a flight, the aircraft automatically sends so called "position reports" to the ground, which are received by Lido/Flight. These reports contain information about the actual position of the aircraft as well as fuel consumption, speed direction and many more mission critical elements that can be defined by the user. The InflightMonitor compares the actual routing and parameters with the calculated plan and identifies potential differences. This information can be valuable for long term planning decisions the airline's flight operations must make. In particular, North American airlines require a solution such as the InflightMonitor due to FAA regulations which stipulates that the dispatcher shares responsibility with the pilot for the safe conduct of every flight. But not only our North American customers enjoy the benefits of our InflightMonitor, many Lido/Flight customers in Europe and Middle East also rely on this functionality to ensure that the dispatchers are ever-conscious of actual changes.

News

Bulgaria Air to fly with navigation charts from Lufthansa Systems

Bulgaria Air will use Lido/RouteManual, the navigation charts from Lufthansa Systems, for its Airbus and Boeing fleet. The two companies recently signed a five-year-contract to this effect which also includes an option to migrate to the electronic version of the charts (Lido/eRouteManual). The layout, colors and symbols are identical in the paper-based and the electronic version, which will make it easier for Bulgaria Air's pilots to switch to Lido/eRouteManual.

With the innovative solution the airline can optimize its flight operations and benefit from the high quality of the Lufthansa Systems navigation charts. The charts are generated directly from the Lido navigation database. They include true-to-scale geographic information such as terrain features and rivers. The charts include airport taxiway charts, approach and takeoff charts, and a seamless worldwide route chart. The value of Lido/RouteManual lies in the easy legibility and the clear structure of the individual charts. This reduces the pilots' workload in the cockpit, especially during key flight situations such as take-off and landing. Bulgaria Air is the national flag carrier of the Republic of Bulgaria. The airline offers flights to various cities in Europe, The Middle East and North Africa, as well as charter and business flights upon request to more than 124 other destinations. Bulgaria Air enjoys a high level of on-time performance and reliable connections with partner carriers to over 780 destinations worldwide. It has a new aircraft fleet and a flexible fare system.

Nouvelair reduces fuel costs with Lido/Flight from Lufthansa Systems

The Tunisian private airline Nouvelair will optimize its flight planning with Lido/Flight from Lufthansa Systems. A ten-year contract to this effect was signed recently between the two companies. Nouvelair and its subsidiary, Koral Blue Egypt has thus joined a growing circle of Lido/Flight users worldwide. Lido/Flight calculates optimal flight routes based on a number of different factors and can reduce overflight charges, fuel and time related costs. Lido/Flight covers all aspects of flight planning and the follow-up processes associated with it. Drawing on its own database, the solution automatically calculates the ideal route between two airports and creates reliable and easy-to-understand briefing documents for each flight. During the migration phase, Nouvelair will receive complete briefing documents via Lido Flight Planning Services (Lido/FPPLS) from Lufthansa Systems, which will ease the transition to Lido/Flight. Since Nouvelair plans to offer scheduled services in addition to charter flights in a near future, the airline has placed high demands on its new flight planning system. Nouvelair is already using the Lido/RouteManual navigation charts and Lido/FMS data from Lufthansa Systems. Based in Monastir, Tunisia, the charter carrier serves more than 120 destinations in 33 countries in Europe. With its fleet of 15 aircraft, Nouvelair carried more than 1.9 million passengers in 2009.

Meet Lufthansa Systems

If you would like to talk to one of our IT experts about any specific solution in detail, we would be happy to coordinate a meeting. You can find us at the following events:

Name of Event	Date, Location	Solutions presented
AACO 4th IT Forum	April 20 - 22, 2010 Dubai, UAE	Lufthansa Systems Portfolio, IOCC