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22 million

To keep their travel plans flexible, passengers often reserve seats on several flights before purchasing a ticket. This reduces an airline's revenues. Revenue Integrity, an IT solution from Lufthansa Systems, identifies optional and double bookings, thereby avoiding GDS fees and making the seats available for sale again. Using this solution, a large network airline can increase its profitability by around 22 million euros. The system can thus pay for itself within the first year of operation.

Hot Topics

Integrated Commercial Platform: Faster decisions let airlines fly ahead of the competition

Lufthansa Systems launches web-based portal for Integrated Commercial Platform

In good times as in difficult times, steering an airline requires reliable up-to-date information. The new web portal of Lufthansa Systems' Integrated Commercial Platform (ICP) gives decision makers at all levels the data they need to get the full picture. Everything is just a mouse-click away. As a result, the portal speeds up decision-making and enhances an airline's competitiveness. The ICP covers all of an airline's network and revenue management processes. It ensures a comprehensive overview of the information relevant to commercial planning and gives airlines a solid data foundation. The portal's modern, intuitive user interface gives users in any department quick access to the fares, flight frequencies, average yields and market shares of the complete network as well as information on offers from competitors. It previously took employees a great deal of effort to compile this data from various applications, which was sometimes even contradictory depending on its source. A sophisticated user access concept ensures that users receive the information most relevant to them. This compilation delivers an important added value to the user. Working with the portal, airlines can make more effective, market-oriented decisions. Instead of deciding based solely on their own data, employees from scheduling and revenue management can now access all critical information from any department. This makes it easier to evaluate how individual decisions will affect each department and enables an integrated approach to airline management. The Integrated Commercial Platform combines proven, successful products from the NetLine and ProfitLine ranges: NetLine/Plan and NetLine/Sched for long- and short-term flight planning, ProfitLine/Yield for revenue management, ProfitLine/Price for pricing, NetLine/Market for market and competitor analyses and SchedConnect for codeshare management. Like all of Lufthansa Systems' platform solutions, the Integrated Commercial Platform is completely modular and can therefore be adapted precisely to the needs of each airline.

With the ICP web portal, Lufthansa Systems has once again proven one of its key strengths: Listening to the market and using its expertise to turn requirements into sophisticated solutions - enabling airlines to manage their business in the best possible way.

Lufthansa Systems keeps dispatchers and pilots up to date **More than one million NOTAMs per year – Processing within 30 minutes of receipt**

The situation in the airspace and at airports can always change on short-notice. This has a direct impact on the flight operation of an airline. Restrictions – e. g. due to volcanic ash as experienced lately – must be taken into account during the calculation of flight routes, and pilots must be informed about them. Such restrictions are issued as NOTAMs (Notifications to Airmen) by a country's Aeronautical Information Services (AIS). NOTAMs provide information on changes at airports and in the air which become effective within a short time frame. Common examples are the closure of a runway due to unforeseen repair work or the closure of parts of the airspace due to military activity. Lufthansa Systems processes up to 4,000 NOTAMs on an average day to ensure that its navigation database is up-to-date. Drawing on this navigation database, Lufthansa Systems flight planning solution Lido/Flight automatically calculates the optimal route for each flight based on fuel consumption, flight time or costs and creates reliable briefing documents. The company's own database contains aeronautical data available worldwide. Besides NOTAMs, this includes the departures, approach and arrival procedures of nearly 10,000 airports as well as 11,000 airway segments and 129,000 waypoints. In 2009, experts of Lufthansa Systems processed about one million NOTAMs. Since the notifications are often valid immediately after publication, it is very important to promptly assess the information so that a flight planning solution can take any applicable restrictions into account for planning an optimal routing. The quality of our aeronautical data is crucial for the quality of the optimization results of the routing. Therefore, as soon as a NOTAM is received it is classified according to urgency and prepared for further processing. Lufthansa Systems ensures that all NOTAMs which become valid within the next 24 hours are processed within 30 minutes of receipt. As soon as the published restriction is available within Lufthansa Systems' aeronautical database, our flight planning solution Lido/Flight considers it during all calculations. This is one of the reasons for the effectiveness of the Traffic Flow Restrictions (TFR) functionality of Lido/Flight. Traffic flow restrictions are highly complex rules set by air traffic control authorities in order to guarantee a smooth traffic flow while at the same time optimizing airspace capacity and safety. Common examples are temporary restrictions of certain flight paths, restrictions for certain aircraft, as well as flight levels or routes. The TFR add-on automatically considers even partly restricted airways, suggesting by-passes where legally permitted, for the most effective combination of airway segments. In addition, pilots receive all of the NOTAMs relevant for their flight in their briefing packages. Our experts pre-sort and prioritize these NOTAMs and often add explanatory comments to them.

News

TNT Airways selects navigation charts from Lufthansa Systems

TNT Airways will fly with the navigations charts from Lufthansa Systems. The airline decided to initially use the Lido/RouteManual paper charts and then migrate to the electronic version Lido/eRouteManual. Both companies recently signed a three-year contract to this effect. "Lufthansa Systems convinced us with an outstanding product and a competitive offer. The data quality and user-friendliness of the charts were main reasons why we selected Lido/RouteManual and Lido/eRouteManual," explained Eric Meyer, Flight Operations Support Manager at TNT Airways. The navigation charts from Lufthansa Systems are generated directly from Lido navigation database and provide cockpit crews with the most up-to-date geographical and aeronautical information. Lido/RouteManual includes graphical representations of take-off and landing procedures as well as true-to-scale geographic information such as terrain features and rivers. Pilots value the easy legibility and the clear structure of the individual charts. This reduces their workload in the cockpit, especially during key flight situations such as take-off and landing. The layout, colors and symbols are identical in the paper-based Lido/RouteManual and the electronic Lido/eRouteManual, which will make it easier for pilots to switch to the electronic navigation charts. One benefit of Lido/eRouteManual is that its charts can be updated more quickly and easily than paper charts, since updated charts no longer need to be printed out and distributed to each cockpit. In addition, cockpit crews can determine the level of detail presented by the charts. Depending on the chosen zoom step, information can be shown either in detail or reduced to key aspects.

Lufthansa Italia relies on cockpit solutions from Lufthansa Systems

Lufthansa Italia has opted for Lufthansa Systems' innovative Lido/FlightBag, Lido/eRouteManual and Lido/TakeOff solutions. The products enable the Italian carrier to enhance the efficiency of its cockpit processes and to reduce operating costs. Lido/FlightBag is an innovative electronic flight bag solution that optimizes information processes, which makes it a key element on the way to achieving a paperless cockpit. Lido/FlightBag provides access to all relevant operational data like the operational flight plan, briefing documents, operations manuals and manufacturers information. As a result, flight bags full of paper documents are no longer necessary. Lido/eRouteManual can also contribute to reducing paper volumes in the cockpit. Complementing the Lido/FlightBag, the electronic route charts support pilots in flight preparation and operation. Also, the most up-to-date version of the electronic charts is available at all times. The Lido/TakeOff aircraft performance solution calculates the optimum takeoff thrust, enabling airlines not only to save fuel but extend the useful life of their aircraft. Lufthansa Italia and Lufthansa Systems have been cooperating for some time: the Milan-based airline uses the NetLine/Crew IT solution for crew planning. With its fleet the carrier serves a growing network of destinations in Italy and across Europe.

Contact Air flies with Lufthansa Systems' navigation charts

The German regional carrier Contact Air will continue to use the Lido/RouteManual navigation charts from Lufthansa Systems. Both companies renewed their contract for another five years. With Lido/RouteManual, Contact Air benefits from the high quality of the charts in terms of precision, data accuracy and user-friendliness while reducing costs.

Lufthansa Systems' navigation charts are generated directly from the company's own navigation database. They include true-to-scale geographic information such as terrain features and rivers. Lido/RouteManual contains airport taxiway charts, approach and take-off 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

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
126th IATA Schedules Conference	Berlin, Germany June 17-20, 2010	NetLine/Sched, NetLine/Plan
ERA Technical Services Meeting	Innsbruck, Austria June 06, 2010	NetLine SP