

August 2010

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3 %

The Integrated Operations Control Center (IOCC) Platform from Lufthansa Systems gives airlines an integrated view of all relevant information regarding their flight operations. The IOCC Management Layer enables a carrier to increase its profitability by up to 3 percent as the system makes it possible for an airline to adjust its capacity more flexibly to short-term changes in demand. This saves costs and opens opportunities for increased revenues.

Hot Topics

New release of NetLine/Load makes load planning even more flexible

Every 25 seconds, somewhere in the world an airline calculates a load sheet for a flight using NetLine/Load. Taking its advanced weight & balance solution to the next level, Lufthansa Systems has introduced a functionally and technically enhanced version of NetLine/Load. Airlines will benefit from the more flexible operation and new features of the solution. The fully-automated planning process streamlines their operations and saves time and cost. The new release of NetLine/Load enables airlines to calculate the best possible loading pattern in order to achieve an optimum center of gravity. With NetLine/Load, airlines can therefore cut their fuel consumption by up to 0.5 %. For a medium-sized network airline, this means fuel savings of up to 4,000 tons and cost reductions of up to 2.5 million euros per year – even more for larger airlines. Because of the simplified and clear user guidance of the new release time and costs for training can be reduced. New staff can start to work on their own much sooner. All this contributes to an airline's bottom line. NetLine/Load is used by international airlines around the world. Customers include Lufthansa, Air Canada and Virgin Blue as well as cargo carriers Air China Cargo. During the past years, the customer base for the solution has steadily grown. NetLine/Load is part of the Integrated Operations Control Center (IOCC) Platform from Lufthansa Systems. The IOCC Platform is the first integrated IT platform able to control and monitor all aspects of airline operations which are closely interlinked in practice, including schedule management, operations control, crew management, flight planning and weight & balance. Because of the synergies it generates the IOCC Platform offers airlines much greater economic benefits than standalone systems. As a key airline IT provider and a leading industry member, Lufthansa Systems is in close contact with its customers. This enables us to recognize the airlines' requirements early and tailor our products to the market's needs. The new NetLine/Load is just another example in a history of innovation.

New release of the financial analysis tool SiraxView Better and faster decision-making with intelligent IT from Lufthansa Systems

Making the right decisions quickly is essential in a fast moving and highly competitive environment such the airline industry. Lufthansa Systems has now further enhanced its Sirax AirFinance Platform by introducing new features for the SiraxView module. The analysis tool enables airlines to be aware of their financial position and adapt quickly to changing conditions to secure their success in the market. SiraxView gives airlines a prompt, precise overview of their revenues and cash flow and generates timely, accurate and valuable management reports. Furthermore, airline can quickly perform ad hoc queries, retrieve system usage statistics and productivity analyses. SiraxView also provides detailed evaluations of all existing sales units and code-share agreements with other airlines. The module's near real-time, accurate reporting of sales and flight revenue figures enable airlines to closely monitor operations, optimize route and network structures - prerequisite for making the optimal decision as fast as possible. Cutting edge business intelligence software based on the latest SAP BI (Business Intelligence) technology combined with the comprehensive and accurate data from the Sirax Revenue Accounting system forms the basis for the intelligent reporting. SiraxView is constantly enhanced to provide a complete view about all financial figures. With the latest release the analysis tool leverages two more information sources: production control data and credit card data. By analyzing production control data, airlines can identify inefficient areas where e.g. process optimization or training is needed. In addition to this, it is possible to easily control service level agreements with suppliers. The information about the usage of credit cards displays detailed revenues per credit card institute, analyzes credit card fraud as well as customer complaints in connection with credit card usage. This gives reliable information to identify and exploit future market opportunities. SiraxView is part of the Sirax AirFinance Platform - the first integrated platform to support and optimize support and optimize all of an airline's financial processes from revenue accounting to cost controlling. The accelerated pace of reporting achieved by the Business Intelligence solutions of the Sirax AirFinance Platform has already proved to be of major benefit to its customers.

News

EgyptAir to calculate optimal flight routes with IT from Lufthansa Systems North African carrier opts for Lido/Flight to lower fuel consumption and costs

EGYPTAIR selected Lido/Flight from Lufthansa Systems to benefit from more efficient flight planning processes and significant cost savings. Lido/Flight uses a number of parameters to calculate the optimal route regarding flight time, fuel consumption or costs for each flight. This can lead to fuel savings of up to five percent. EGYPTAIR will also use the Traffic Flow Restrictions (TFR) add-on of Lido/Flight, which achieves additional fuel savings by taking the highly complex issue of temporarily restricted airways into account. "Our modernization strategy focuses not only on fleet renewal but also on IT. In order to increase the efficiency of our operational flight planning, we need a powerful and proven dispatch system. Lido/Flight will add value to us because of the high degree of automation and strong route optimization capabilities. We expect substantial fuel and air traffic control charge savings," said Captain Alaa Ashour, Chairman of EGYPTAIR. With its powerful optimizers and its proven architecture, Lido/Flight covers all aspects of flight planning.

The automatic calculation of routes takes flight-related information into account such as weather data and all current aeronautical restrictions like NOTAMs. The TFR functionality automatically considers even partly restricted airways, suggesting by-passes where legally permitted, for the most effective combination of airway segments. Benchmark analyses have shown that the tool can generate savings of up to two percent in fuel burn

Air China Cargo continues to rely on NetLine/Load from Lufthansa Systems Cargo airline enhances weight & balance solution with innovative modules

Air China Cargo will continue to optimize its load planning processes using NetLine/Load from Lufthansa Systems for the next five years. The Beijing-based cargo airline has been using Lufthansa Systems' weight & balance solution since early 2005. With the extended contract, the carrier decided to enhance the solution with additional functionalities to further automate and simplify its load planning processes. "With NetLine/Load, we have raised the efficiency of our weight & balance processes. Continuing this fruitful cooperation, the solution enables us to establish a centralized weight & balance operation which will increase the flexibility and profitability of our flights," said Mr. Jiang Ping, Managing Director, Operations Control at Air China Cargo. With immediate effect, the carrier's weight & balance agents will benefit from the graphical user interface. The airline also opted for the WABLink module for web access which will enable handling agents and outstations to supply, process and update the latest operational data. With 3,500 flights processed every day, NetLine/Load is one of the leading weight & balance solutions world-wide. It ensures the optimum distribution of passengers, baggage and cargo on an aircraft, thereby increasing the payload for additional revenue opportunities. This reduces fuel consumption by up to 0.5 % per flight

TUIfly Nordic opts for navigation charts from Lufthansa Systems

TUIfly Nordic will take the navigations charts from Lufthansa Systems on board. They recently signed a five-year contract over the use of Lido/RouteManual and the implementation of the electronic version of the charts at a later date. TUIfly Nordic will use Lido/eRouteManual on Class 1 EFB devices. Lido/RouteManual and Lido/eRouteManual contain take-off and landing procedures, airport and en-route charts. These charts are generated directly from the Lido navigation database, which includes worldwide aeronautical information and topographical data. The layout, colors and symbols are identical in the paper-based and the electronic version, which will make it easier for pilots to switch to Lido/eRouteManual. 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.

Singapore Airlines optimizes flight planning with IT from Lufthansa Systems

For more than eight years Singapore Airlines has relied on the flight planning solution Lido/Flight from Lufthansa Systems. Now the airline has decided to extend the contract for another three years. Lido/Flight enables airlines to realize fuel savings of up to five percent. In addition to Singapore Airlines, its group companies Singapore Airlines Cargo and SilkAir will also continue to use the solution.

With its modern technology and user-friendly architecture, Lido/Flight covers all aspects of flight planning. The automatic calculation of routes takes flight-related information into account such as weather data and all current aeronautical restrictions like NOTAMs. The system provides dispatchers with a host of optimization options regarding flight time, fuel consumption or costs for each flight. In February, Singapore Airlines generated fuel savings of more than 10 tons and a reduction of CO2 emissions of more than 33 tons on a flight from Los Angeles to Singapore as part of the ASPIRE program (Asia and Pacific Initiative to Reduce Emissions), using Lido/Flight.

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
The 16th World Routes Development Forum	Vancouver, Canada September 19-21, 2010	NetLine