Lufthansa Systems

NetLine/Ops ++

A component of

IOCC
**Integrated Operations
Control Center Platform**

Enter a new dimension of operations control

Having undergone a fundamental redesign NetLine/Ops ++ will take your operations control to the next level: It has been streamlined to become much faster and more flexible when adapting to business processes.

> NetLine

NetLine is one of the world's leading software solutions for the airline industry. This integrated, modular product line provides optimal support for the entire process of planning and controlling airline resources.

NetLine products:
- NetLine/Market
  The market analysis solution
- NetLine/Plan
  The network planning solution
- NetLine/Sched
  The schedule management solution
- NetLine/Crew
  The crew management solution
- **NetLine/Ops ++**
  The operations control solution
- NetLine/Hub
  The hub management solution
- NetLine/Load
  The weight & balance solution

Airline operations managed by exception

Many new features facilitate information management, a higher degree of automation and better decision support. NetLine/Ops ++ optimizes your day-to-day aircraft utilization, enhances user productivity and improves your airline's irregularity management.

> Improve your on-time performance by up to 6 %

- Managers' attention should be directed solely toward those parts of the airline organization where plans are not working out for one reason or another. Time and effort should not be wasted focusing on those parts of the organization where things are going smoothly.

> Make lowest cost operational decisions

- MoneyMachine is a real-time cost indicator for all operations control decisions, whether ETD, cancellation, equipment change or aircraft swap. MoneyMachine considers the cost of delays and flight cancellation in line with government regulations. The costs of doing nothing are also calculated and serve to inform decision-making intelligently during disruptions.

> Integrate social media services

- Communicate directly with passengers via social media in the event of disruption or service changes. Decrease inbound passenger complaints and pro-actively inform them if something is not running as planned. Your passengers will appreciate the social media service in your daily operations.

Features and functions

On the day of operations, bad weather conditions, missed ATC slots or technical problems are the reason for numerous schedule changes. These require fast and cost-efficient operational decisions to keep the schedule deviation impact as low as possible for the passengers. Every decision the operations controller is going to take and publish has a cost impact for the airline.

Process-oriented information management

The modern graphical user interface is intuitive, process-driven, and open to flexible customization. NetLine/Ops ++ presents all the information in user-friendly, ergonomic graphics, pre-selecting and highlighting potentially critical situations.

Powerful decision support

NetLine/Ops ++ offers a variety of flexible decision support tools. Your operations controller can evaluate the consequences of his decision in a scenario before the solution is actually carried out. When working in a scenario, alerts are automatically generated in the event of conflicts with the actual schedule. The feature Management by Exception allows you to filter affected aircraft quickly according to specific criteria. The selected legs will be updated automatically in the Gantt Chart. NetLine/Ops ++ collects an extensive range of additional data – for instance pax booking, critical weather conditions, crew rotations and airport limitations. A configurable smart information function with important leg and aircraft-related data facilitates rapid access to all the necessary information.
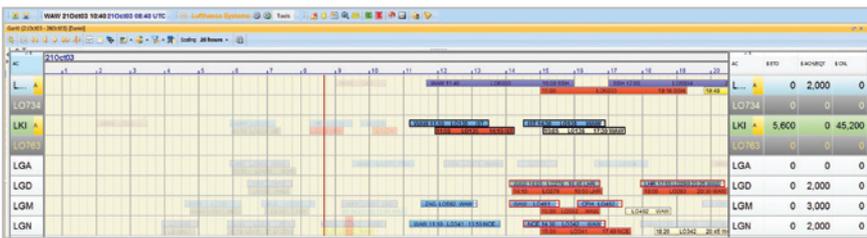
Operational dashboard

You can focus on different problems by visualizing them in multiple Gantt Charts. Each Gantt Chart has a configurable leg list. Further lists are also available, for example for ATC, telex, aircraft and airport-related data. Powerful filtering and sorting functions combined with a flexible screen display enable fast data access.
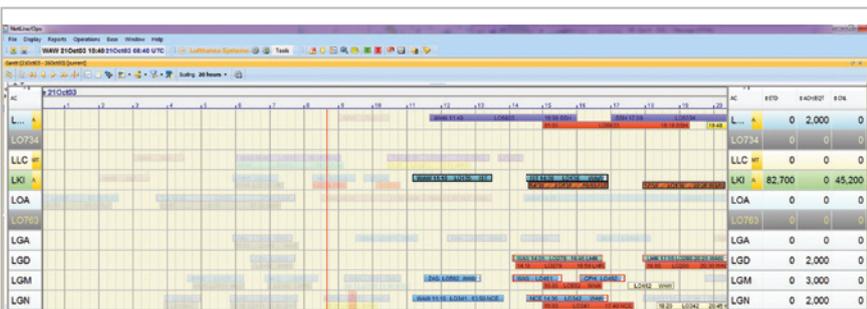
Passenger and freight connections

Inbound and outbound passenger and air cargo shipment connections at an airline hub are important business and missing connections cause high costs for an airline. PaxConnex and Freight Connex help the operations control center to manage disruptions smoothly.

NetLine/Ops ++ suits any airline size and business model. It supports flexible adaption to business processes.

NetLine/Ops ++ MoneyMachine calculates ACMI delay costs, CNL costs and more

NetLine/Ops ++ MoneyMachine considers governmental rules for passenger compensation calculations (Sample DLA three hours +)
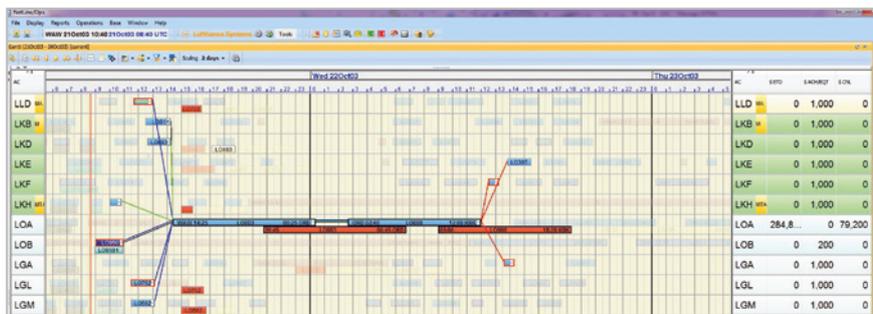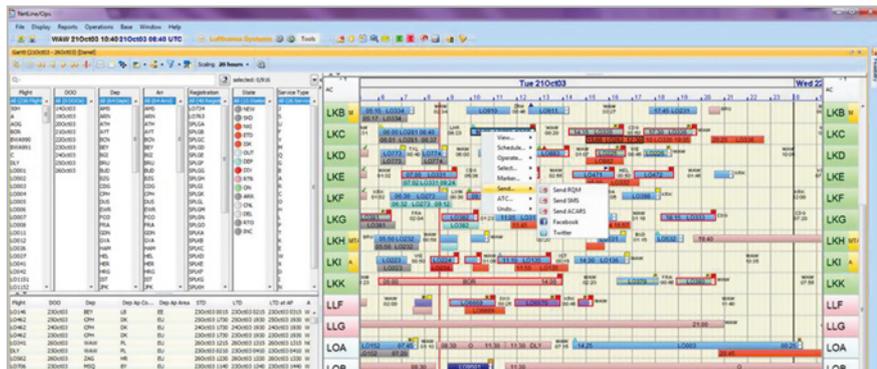
Customer testimonial

"NetLine/Ops ++ is really the next generation of an operational system and tool in an integrated operational environment. It has helped us speed up work in operations and minimize manual time-consuming tasks. It allowed us to extend our integrated operational environment and speed up data communication. From a user perspective, it doesn't only look more professional and modern; there is also a great deal of logic behind the application, making the usage easy. It supports the controller in various processes, which speeds up the flow of work.

In a globalized world millions and millions of air travelers are at all times connected via social media communities. It brings us new challenges but also great new opportunities. Social media communications is a new era in operations control; it allows us to communicate with our customers simultaneously yet individually. Using social media integration and communicating wisely, operational information can be transmitted directly to the customers who can share information much faster than by any other means. The impact is immediate and the flow of information escalates at high speed around the clock all over the world."

Hans Engleson, Malmö Aviation

*NetLine/Ops ++ PaxConnex visualizes inbound and outbound passenger connections,
critical PAX connections, status and/or F, C, Y passengers*

NetLine/Ops ++ SocialConnex integrates social media services in airline operations

NetLine/Ops ++ add-on modules

NetLine/Ops ++ generates additional value through fully integrated add-on modules:

MaintenanceControl

supports maintenance planning and control functions. It enables full compliance and optimizes your check utilization by collecting aircraft flight hours and cycles as well as validating the schedule against a configurable maintenance rule set. As a result you benefit from reduced costs.

OpsLink

is the integrated intranet solution for safe and cost-effective real-time access to operational data. This add-on module delivers schedule and actual movement times to any desktop with minimal deployment costs. Overhead costs for communication, hardware investment and maintenance are reduced.

Tail xOPT

provides automated support for maximizing the efficiency of your tail assignment process. The tool makes it possible that all aircraft are routed to planned maintenance checks on time and all aircraft restrictions are taken into consideration. It helps you to maximize aircraft utilization right up to the date of the planned check – saving up to 5% on maintenance costs. The addition of useful buffers means that your schedule is more robust on the day of operations, thus saving schedule deviation costs.

Solver xOPT

helps you to recover from schedule disruptions – no matter how serious – quickly and efficiently. The automated recovery tool proposes feasible, cost-effective, revenue-oriented and passenger-friendly solutions for operational irregularities which help you to return more quickly to normal operations. The solver's holistic approach therefore achieves savings in disruption costs and enhances customer loyalty.

System requirements

- RedHat64bit
- Client operating system: Windows 7 or LINUX workstation with Java
- Oracle database

Contact us to receive more information about NetLine/Ops ++. Send us tweets or join the Facebook world usergroup.

IOCC

Integrated Operations Control Center Platform

This solution is a component of the Integrated Operations Control Center Platform (IOCC).

It is the first fully-integrated IT platform able to control and monitor all aspects of airline operations, including schedule management, operations control, crew management, flight planning and weight & balance. Because of the synergies the IOCC Platform generates, it offers airlines much greater economic benefits than stand-alone systems. Learn more about our platform and visit us at **www.IOCC.LHsystems.com**.

Components of the IOCC Platform:

- **IOCC/Sched**
- **IOCC/Ops**
  - NetLine/Ops ++
- **IOCC/Crew**
- **IOCC/Flight**
- **IOCC/Load**