



## NetLine/Sched



## Manage your flight schedule efficiently

Does your schedule management system allow for maximum profitability in line with operational feasibility? Are you well prepared to recover quickly and efficiently from sudden inevitable crises? Were you able to return to normal operations faster than your competitors after 9/11, SARS, or the ash cloud? If you hesitate, then consider our schedule management system NetLine/Sched.

### Optimize your medium and short-term scheduling

NetLine/Sched supports all aspects of schedule development and schedule management. It offers powerful and easy-to-use schedule visualization and modification, supports alternative network strategies, and measures the profitability impacts of alternative scheduling scenarios. The vast and flexible scenario handling allows you to meet ad hoc changes (e.g. capacity adjustments) and supports IATA-compliant automatic schedule distribution.

### > Profitability gets easier. Increase revenues by up to 5%

- Supports alternative network strategies, measures the profitability impact of different schedule scenarios
- Enables fast adjustment of capacity distribution
- Offers supreme decision support and optimization facilities

### > Cost cutting gets easier by comparing alternative schedules

- Identifies optimal capacity distribution using the NetLine *Fleet Assigner*
- Evaluates schedules and scenarios from an economic perspective using the *Tactical Profitability Evaluation Model (TPEM)*

### > Fits airlines of all sizes and business models

- Processes individual as well as mass flight updates
- Automates consistency checking to avoid costly corrections on day of operations
- Automated schedule distribution enables real-time CRM updates

## 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



NetLine/Market	NetLine/Plan	NetLine/Sched
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<i>Fleet Assigner</i>
<i>Swapper</i>
<i>Slot Manager</i>
<i>Slot Monitor</i>
<i>Tactical PEM</i>
<i>Rotation Optimizer</i>
<i>Flexible Reporting</i>

## Features and functions

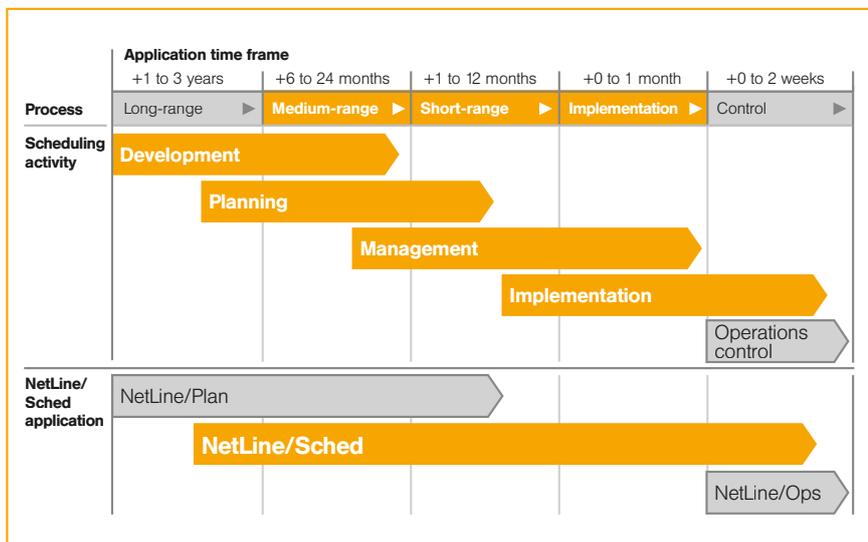
NetLine/Sched's core applications process schedule information, import and export schedule data in SSIM chapter 7 format and communicate schedule changes automatically via SSIM chapter 4 and chapter 5 messaging.

NetLine/Sched offers schedulers a great variety of graphical views of the schedule information, thus providing optimal assistance for all scheduling tasks. Moreover, to assist schedulers in maintaining operational integrity, NetLine/Sched offers a multitude of feasibility checks.

A fast and efficient rotation builder, based on FIFO and LIFO algorithms, allows schedulers to quickly build or rebuild aircraft rotations automatically while observing operational constraints, such as aircraft turnaround times.

A comprehensive set of reports is available to accommodate the internal and external distribution of schedule information. NetLine/Sched's report output can be loaded directly into your office applications such as Microsoft Excel as well as your company's intranet.

A combination of multi-level user authorization schemes and access controls, advanced schedule scenario handling, conflict-detection mechanisms, and modern client-server system architecture makes the system the perfect choice even for large scheduling departments. All data, including schedule information, schedule scenarios, company data (such as block times and ground times), and industry data (such as airport and time zone information) are managed in a relational database which can serve as a central data repository for your airline.



A typical scheduling process



“The user-friendliness and reliability of NetLine make Lufthansa Systems the right IT partner for us. The adaptability of NetLine/Sched as well as NetLine/Plan to our specific structures and systems and the outstanding support from the specialists of Lufthansa Systems leave nothing to be desired.”  
 Kaarina Peltonen, Director Operative Scheduling, Finnair

NetLine/Crew    NetLine/Ops    NetLine/Hub    NetLine/Load

Aircraft flow view

Schedule comparison display

## NetLine/Sched add-on modules

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

### Fleet Assigner and Swapper

maximize profitability by finding optimal assignments of aircraft types to flights.

### Slot Manager

takes over the complete slot handling process by managing communications with the airport coordinator.

### Slot Monitor

supports the control of slot utilization and recognizes the impact of schedule changes on historic rights.

### Tactical PEM

helps to evaluate the profitability for each schedule scenario and identifies cost-cutting and revenue potential.

### Rotation Optimizer

maximizes aircraft utilization by creating optimal aircraft rotations.

### Flexible Reporting

supports the fast and flexible generation of individually defined reports.

## System requirements

- UNIX server (LINUX)
- Client OS: Windows XP and higher, UNIX workstation
- LAN clients using a PC X server
- WAN clients using a data centralization solution
- Oracle database

For further information, please do not hesitate to contact us.



**As ICP/Sched, our solution NetLine/Sched is a component of the Integrated Commercial Platform (ICP).**

The ICP covers all of an airline's network and revenue management processes. It facilitates the best overall decisions, generating substantial additional revenue potential. Learn more about our platform by visiting us at [www.ICP.LHsystems.com](http://www.ICP.LHsystems.com).

### Components of the ICP Platform:

- ICP/Market
- ICP/Plan
- ICP/Sched  
 NetLine/Sched
- ICP/SchedConnect
- ICP/Price
- ICP/Yield
- ICP/Perform



**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](http://www.IOCC.LHsystems.com).

### Components of the IOCC Platform:

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