NetLine *Fleet Assigner*

The fleet optimization solution

Benefits

- > Optimized assignment of your aircraft resources
- > High-speed computation of algorithms for multiple scenarios
- > Flexible rule definition for realistic optimization models
- > Automatic aircraft maintenance planning
- > Full integration in NetLine/Sched and NetLine/Plan

> 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:

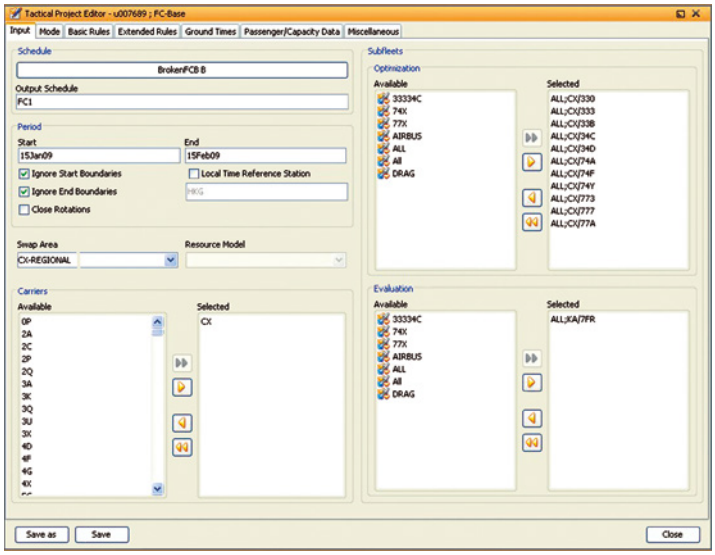
- NetLine/Market
  The market analysis solution
- **NetLine/Plan**
  The network planning solution
- **NetLine/Sched**
  The schedule management solution
- NetLine/Ops
  The operations control solution
- NetLine/Crew
  The crew management solution

A major goal of network management and scheduling is the maximization of your airline's overall profitability. It is essential to use your available capacities as efficiently as possible by assigning the right aircraft type to the right flight. The *Fleet Assigner* will help you achieve your goal.

The *Fleet Assigner* will help you to automate and speed up the fleet assignment process considerably. It will improve profitability by changing the aircraft type assigned to individual flight legs in compliance with the possibilities you define. This is done while always maintaining operational feasibility and complying with user-defined restrictions.

To achieve optimal profitability the *Fleet Assigner* takes into account O&D passenger number forecasts, estimated revenue and operating costs. The costs are defined in a flexible cost model in accordance with your airline's cost structure.

The *Fleet Assigner* is closely integrated in NetLine/Sched and NetLine/Plan, enabling you to use all the data of the base applications and to seamlessly implement optimization results.



Selection of optimization fleets

NetLine/Market	NetLine/Ops	NetLine/Crew	NetLine/Plan	NetLine/Sched
			Network Analyzer	*Rotation Optimizer*
			Route Optimizer	*Slot Manager*
			Hub Optimizer	*Slot Monitor*
			Codeshare Assigner	*Tactical PEM*
			Through Assigner	*Flexible Reporting*
			Calibration Tool	*Swapper*
			Fleet Assigner	

Features and functions

Network optimization

The *Fleet Assigner* uses an advanced optimization algorithm to ensure both profitability and short run times.

The optimization process supports a variety of features, including

- O&D passenger forecasts
- flight cancellations
- long-term and short-term optimization
- automatic aircraft maintenance planning
- schedule robustness
- crew rules
- feasibility evaluation

A highly sophisticated rule mechanism enables you to model all operational and commercial restrictions into the optimization process. During the implementation phase, Lufthansa Systems experts will support you in setting up the rules and configuration. In addition we offer you consulting to ensure that your airline gets maximum benefit from the *Fleet Assigner*.

Reporting

Of course the *Fleet Assigner* comes with an extensive reporting function. It uses the capability and flexibility of NetLine/Sched *Tactical Profitability Evaluation Model* as well as a vast range of predefined reports.

Integration in NetLine

The integration of the *Fleet Assigner* in NetLine/Sched and NetLine/Plan will enable you to use all schedules, rules and data of the base systems without the need to maintain them twice. It also means that every calculated optimization result can be implemented easily – without having to transfer any data.

High flexibility

The NetLine flexible cost model is the perfect way to reflect your airline's cost structure in the optimization calculation. It enables flexible cost type definitions as well as the definition of cost calculation algorithms.

System requirements

- UNIX server (HP-UX, AIX, Solaris, LINUX)
- Client OS: Windows XP/Vista, UNIX workstation
- LAN clients using a PC X Server (WRQ Reflection or Hummingbird Exceed for Windows clients or the appropriate X Server for UNIX workstation clients)
- WAN clients using a data centralization solution (Sun Secure Global Desktop or Citrix Presentation Server)
- Oracle database

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