Lufthansa Systems

Welcome to Lufthansa Systems‘ Presentation Agifors SSP 2021

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General overview

With more than 25 years of experience, Lufthansa Systems is a market leader for IT solutions in the global aviation industry.

Founded
1995

Headquarters In Raunheim/ Germany

Branches in 16 other countries

2,200 employees worldwide

More than 350 customers of all sizes and business models

100% subsidiary of the Lufthansa Group

Our people are your gardener.

Portfolio

Lufthansa Systems offers its 350+ customers a unique range of market-leading products covering all areas of an airline's business processes – in the cockpit, in the cabin and on the ground.

Airline Consulting

Commercial Solutions

Finance Solutions

Flight Operations Solutions

Ground Operations Solutions

In-flight Entertainment

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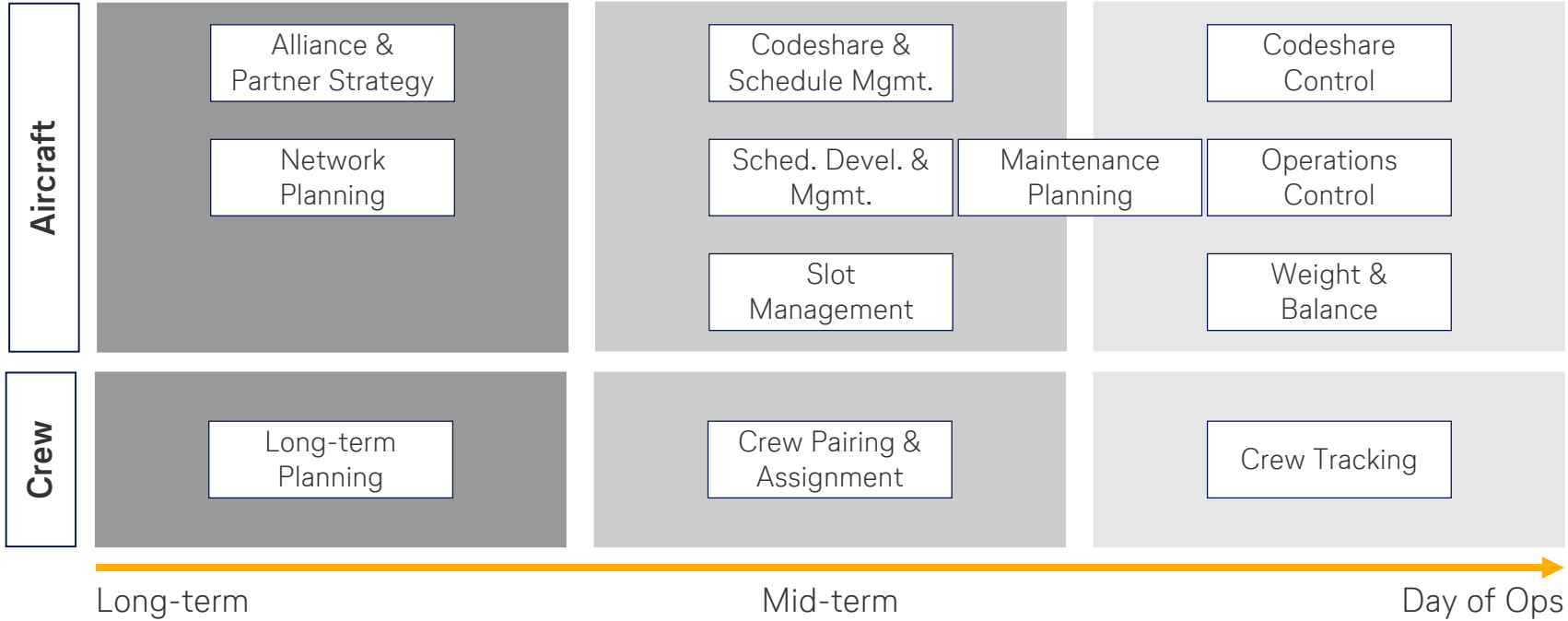
NetLine – the complete process at a glance



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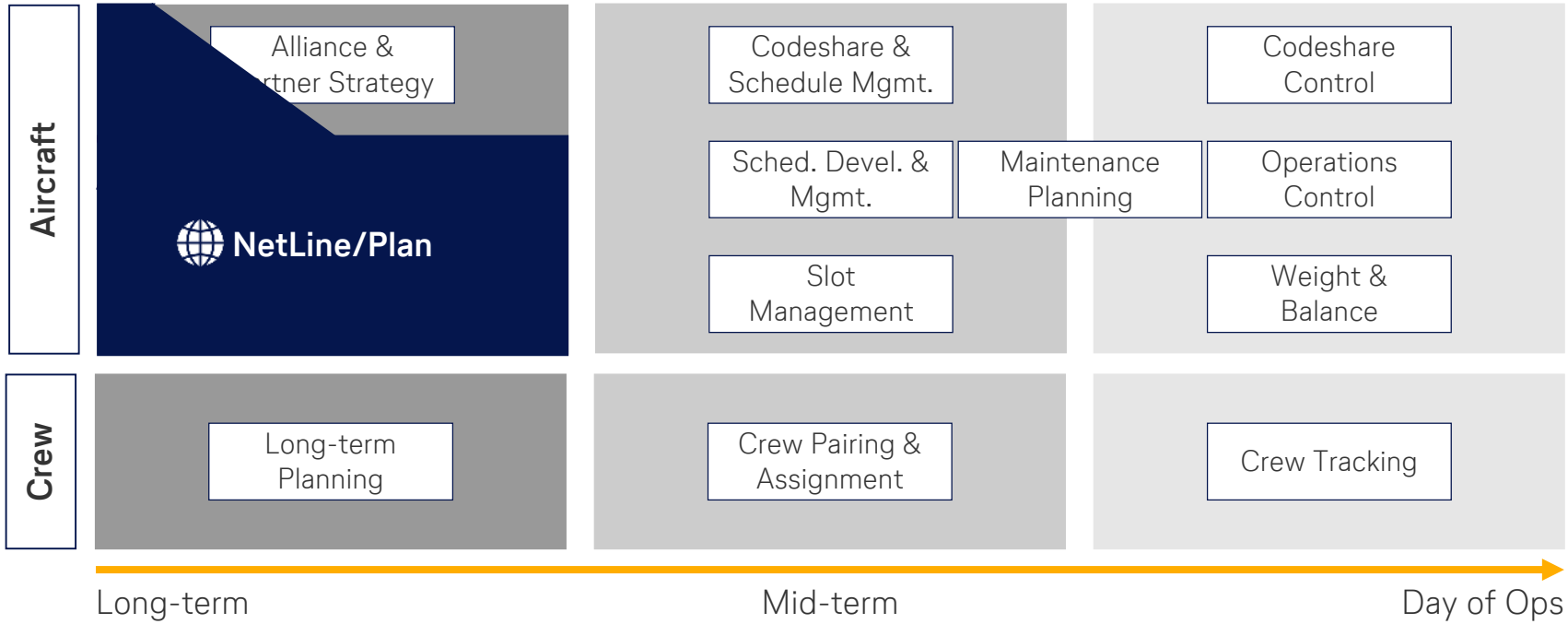

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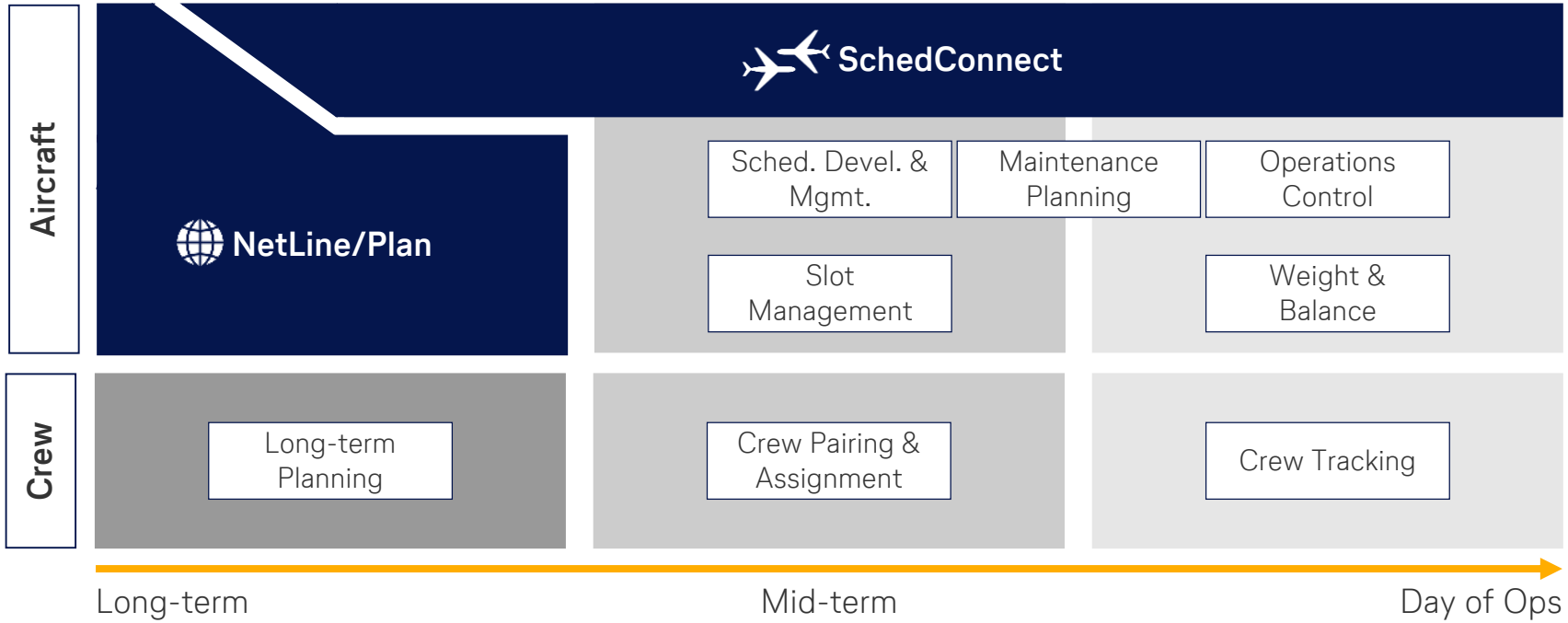

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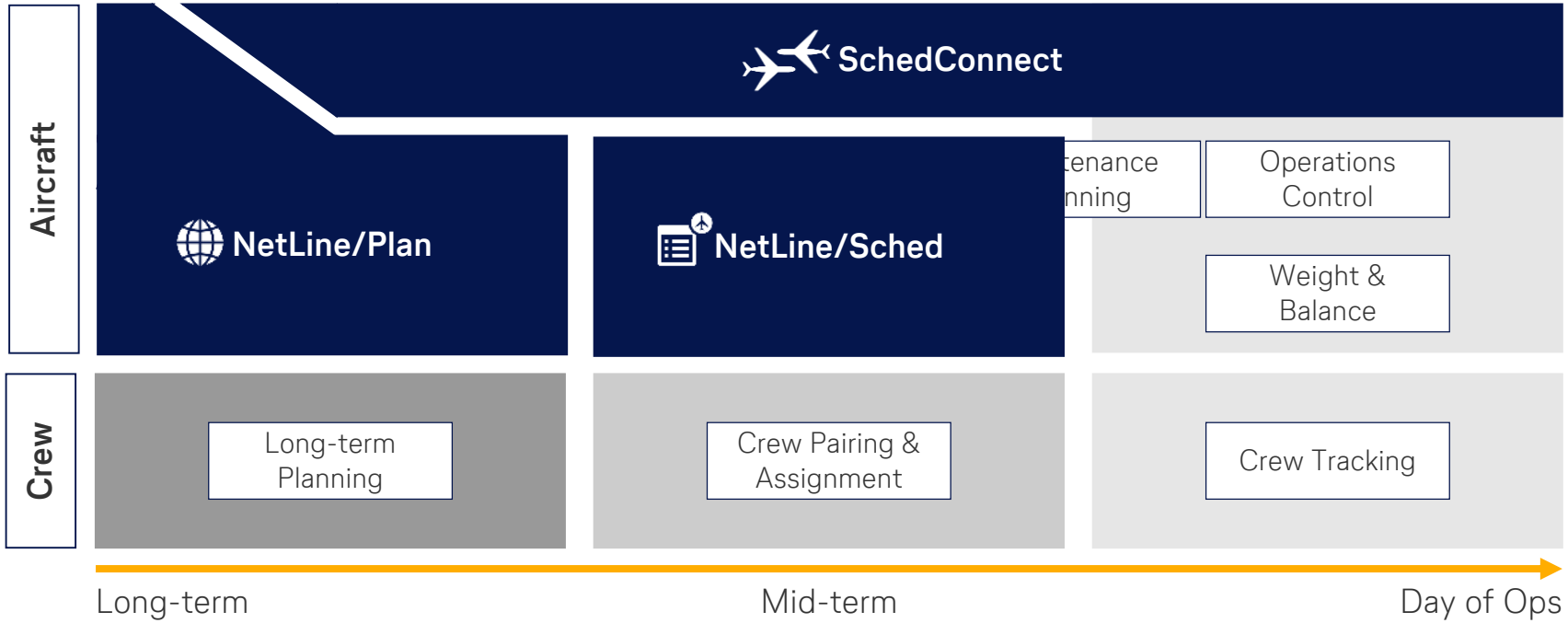

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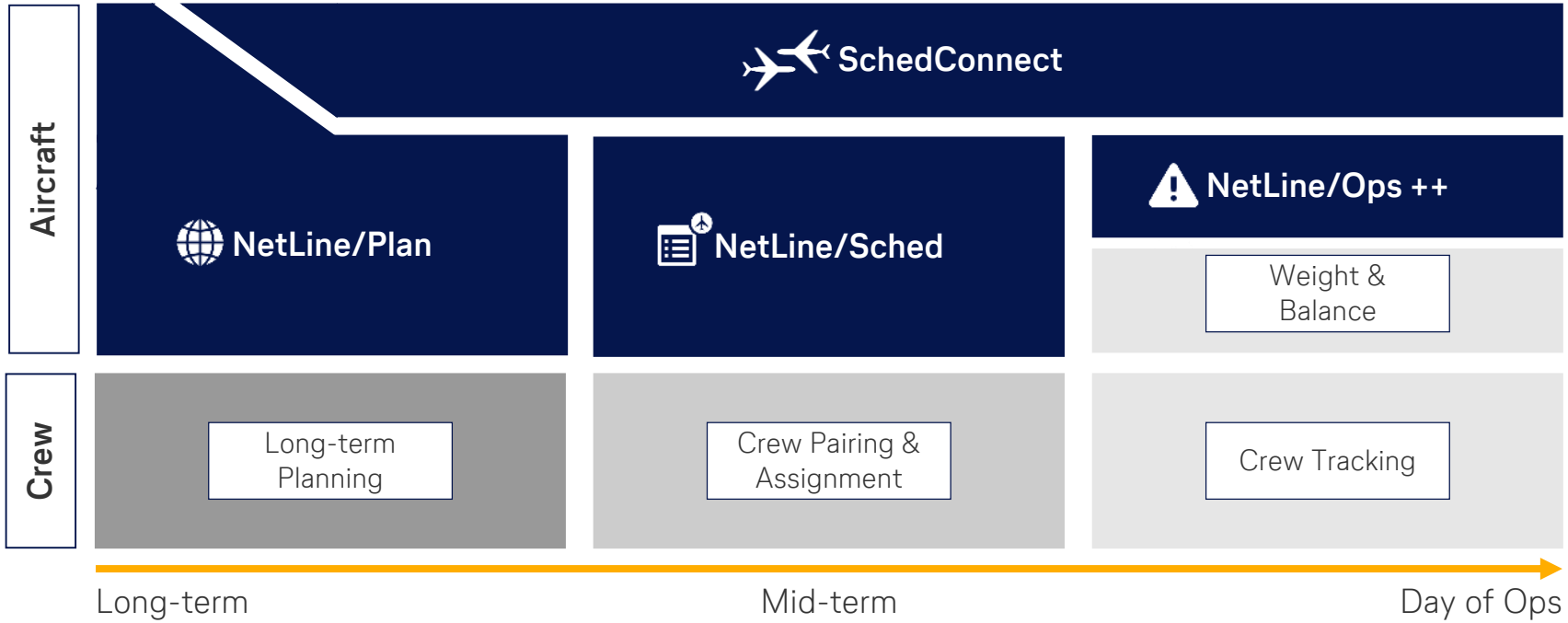

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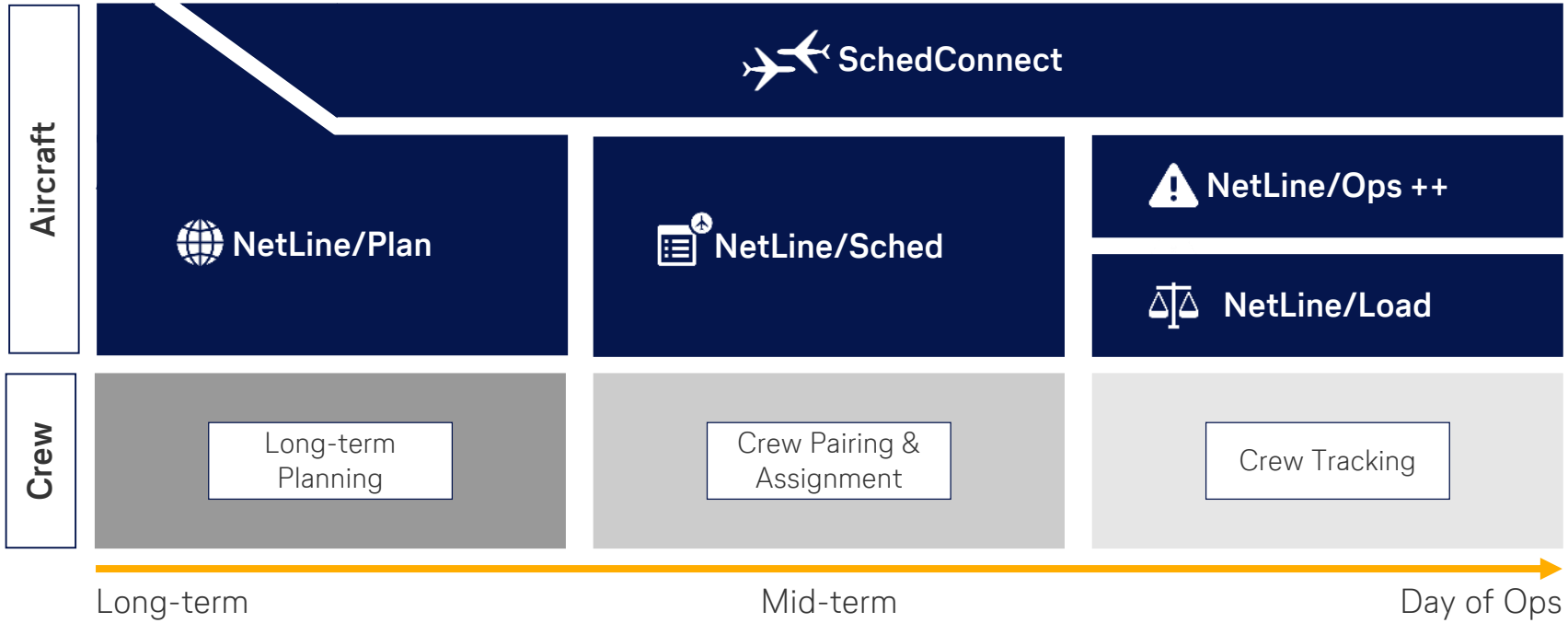

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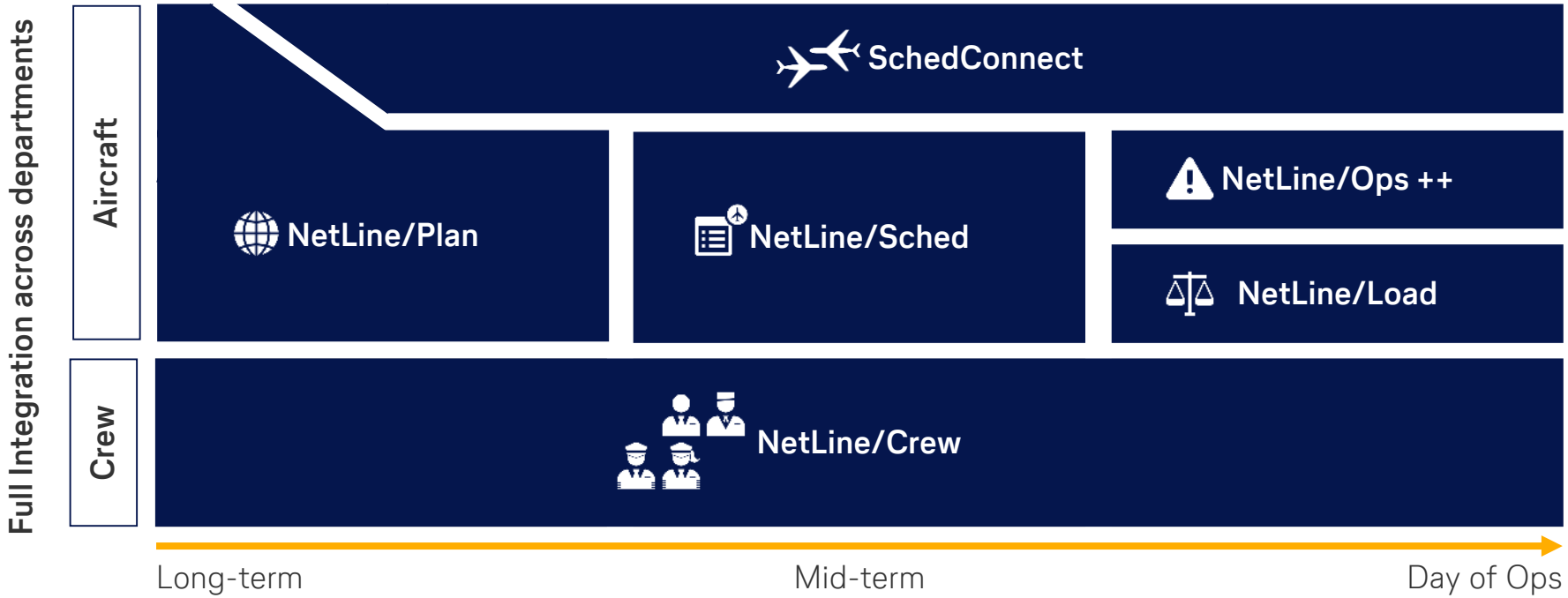


NetLine makes complecity manageable

One solution for dynamic and real-time decisions.

Real-time dashboards and communication tools for operational efficiency.

Real-time crew self services and mobile apps empowering crew interaction.

Customer-relations focused predictive decision support and recovery solutions.

Efficient airline operations ahead of time linked to decision support.

Industry-standard integration interfaces with third-party systems.

Service-oriented architecture designed for performance & scalability.

Smart decision support tools for operational stability and maximized profitability.

SAAS with device independence and mobility at the core.

End-to-end service and management of the entire service & technology stack.

SchedConnect connects airlines with Codeshare partners to benefit from network synergies.

Manage all codeshare relationships by synchronizing and distributing the schedules with SchedConnect

Codeshare Management	
Operating flights	Marketing flights

Central schedule database

Schedule distribution

Schedule management features

Multi customer system

- Easy & accelerated real-time handling & optimization of own operating as well as own marketing flights
- Sophisticated schedule delivery options in various formats & under consideration of a huge amount of output parameters
- Increase efficiency & productivity by defining the process automation according to business rules (e.g. codeshare calculation, schedule import, schedule delivery, etc.)
- Possibility to dress all kind of data element identifiers to the schedule according to pre-defined business rules at one central place

NetLine/Sched supports all aspects of schedule development and schedule management.

Get efficient rotations and an operationally feasible and profitable schedule with NetLine/Sched

- NetLine/Sched Base
- Resilient Scheduling & NetLine/Sched Rotation Optimizer
- NetLine/Sched Slot Manager & NetLine/Sched Monitor
- Fleet Assigner
- NetLine/Sched Flexible Reporting

- Consider all relevant information such as events, booking data & costs
- Automatic error & warning messages in case of infeasibilities
- Have the fleet at a glance & assign flights the most profitable way
- Make ad-hoc adjustments to react to changing market conditions & see the impact immediately
- Covers the complete slot handling process
- Full integration with ops control & crew system

Together we connect to make the best decision ahead of time.

NetLine Profitability Evaluation Model - A major advantage of NetLine is the consistent use of cost and revenue data across all processes.

Flexible Cost Model

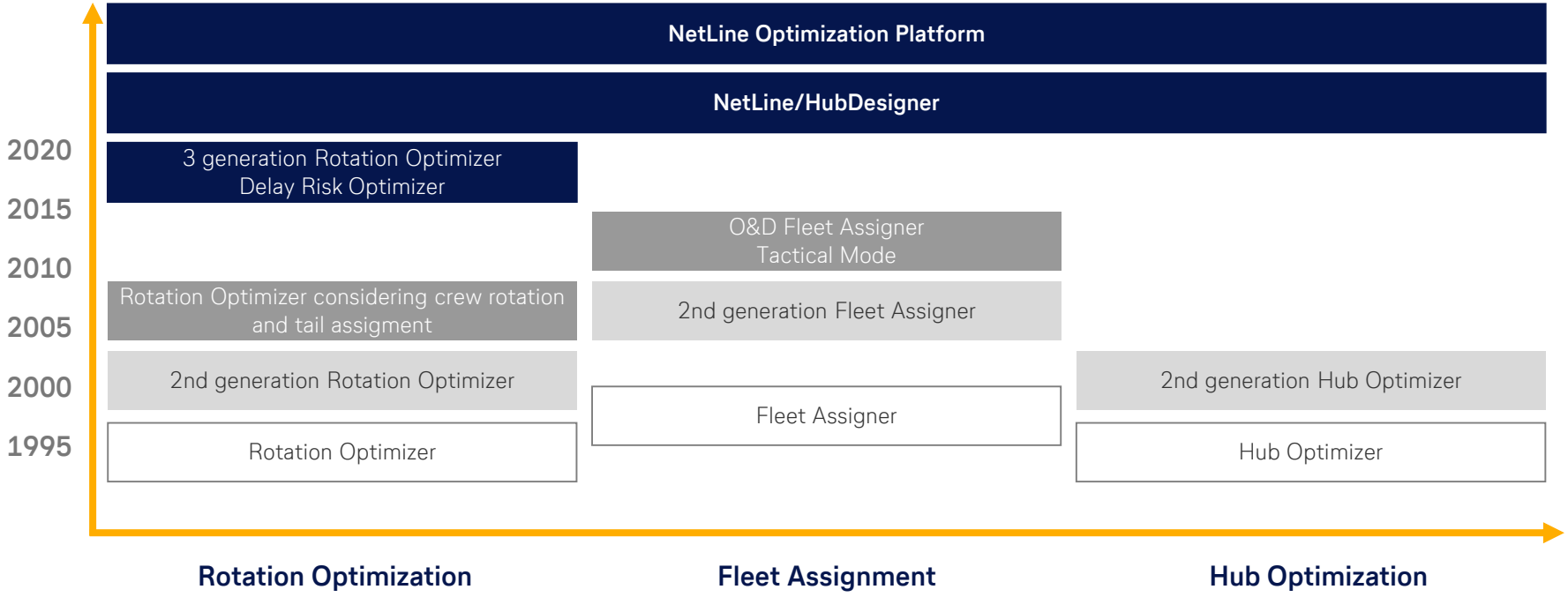
- Cost items
- Fix and variable cost types
- Cost drivers
- Cost keys to define the cost structure
- Cost fallback handling

Revenue Distribution

Optimizers enable airlines to tap market opportunities.

Lufthansa Systems has years of experience developing network planning and scheduling optimization technology.

Lufthansa Systems has continuously developed its Schedule Optimization Technology



Optimization use cases along the network planning horizon
One Fleet Assigner for Network Planning and Scheduling

Optimization use cases along the network planning horizon
One Fleet Assigner for Network Planning and Scheduling

> 2 years	9 months	3 months	Day of Ops
Strategic	**Seasonal Development**	**Dynamic Scheduling**	
• Network & hub design • New aircraft studies e.g. B777X • Aircraft configuration studies	• Seasonal schedule design • Frequency optimization • Fleet assignment	• Short-term schedule adjustment and optimization	
Demand Model	Revenue Management	Bookings	

NetLine Fleet Assigner

NetLine Fleet Assigner

NetLine/HubDesigner

Talk to you SOON!

Sergej Bukovac

Michael Becker

Judith Semar

Marius Radde

Susanne Schwanz

Ralf Schneider

Peter Lietz

Julia Dorsel