The journey towards a proactive OPS
Strategic architecture to enable digital transformation

- AI Enhanced OPS Systems
  - Risk Matrix
  - Flight Network Simulation, FNS
  - OPS Data Base
  - OPS Steering Suite 2020

- Core Systems
  - Crew Management System, Aurora
  - New Ops Control Tool, 2020
  - New Flight Planning System 2021-2023

- People, Organization & Processes
  - S/Z Change (i.e. Reorg, talents, etc.)
  - AO/Z Alignment
  - Production Planning&Steering (PPS) Q4 2019 - ?
The journey towards a data-driven operation

Strategic architecture to enable digital transformation

Enabling digital transformation

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<tr>
<th>AI Enhanced OPS Systems</th>
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<td>+ Core Systems</td>
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Goals of Predictive Steering

1. **Identify** operational risks more proactively
2. **Simulate** the impact of operational bottlenecks in advance and **evaluate** the schedule
3. **Recover and optimize** problems with multiple solution recommendations and **enable** data-driven decisions

Ongoing Initiatives

- **Risk Matrix**
  - Risk assessment of operational influence factors
  - Progress: 95%
  - End: 31.12.19

- **Flight Network Simulation**
  - Simulation of daily flight schedule in regards to operational factors
  - Progress: 85%
  - End: 31.01.19

- **OPS Database**
  - Consolidation of operational Data in one source
  - Progress: 85%
  - End: 31.01.19
RiskMatrix Live Demo
Risk assessment of operational influence factors