

Solution overview

Airlines facing a perfect storm

Customer
Demand



Challenging
Profitability



Environment
Compliance



Crew
Shortages



Fluctuating
oil prices

A \$20-30 billion opportunity



Revenue Growth

7% RPK growth ensured by accurate workforce planning and training predictions



On Time Performance

1 minute ground time per aircraft = \$5-10m. Delay simulation drives OTP improvements



Crew Efficiencies

2-10% of crew cost can be identified through advanced pairing and roster optimization.



Delay avoided

Delays cost \$10-15b: 60-80% of crew propagated delays avoided by predictive recovery





- △ Demystify complex scenarios
- △ Iterate rapidly
- △ Increase certainty

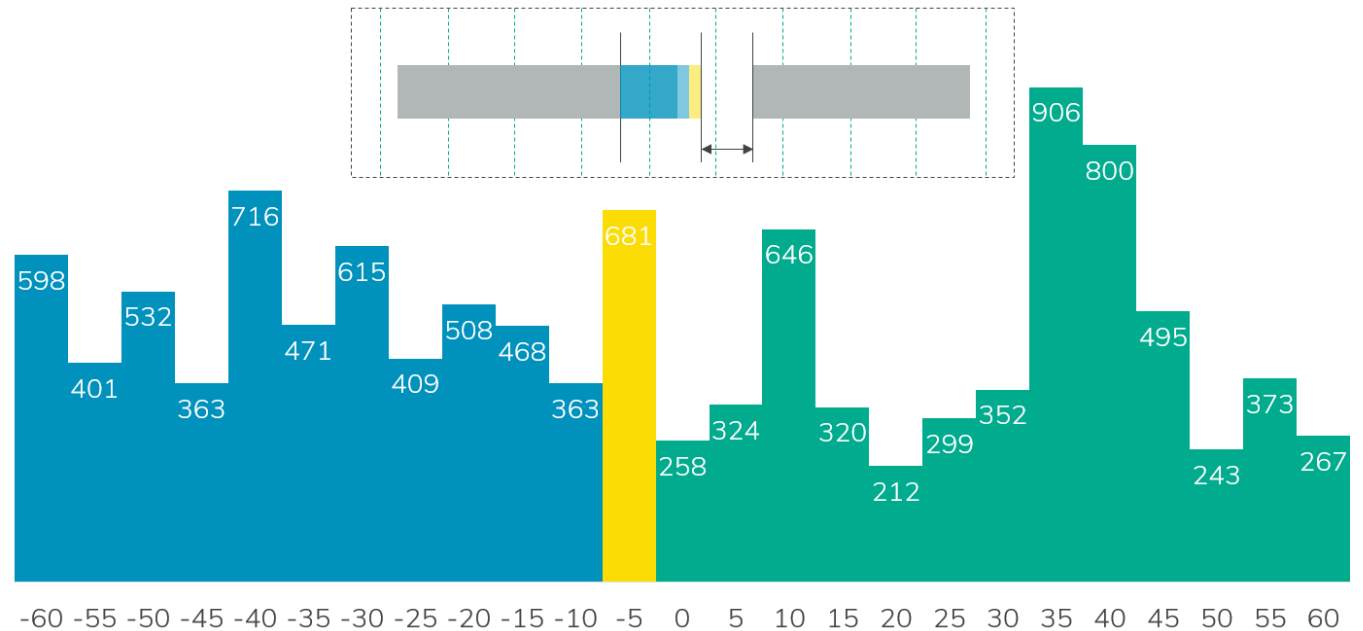


On time performance



Identify crew efficiencies of 1-3% and improve schedule robustness

- △ Schedule timing analysis
- △ Buffer optimization
- △ Delay analysis

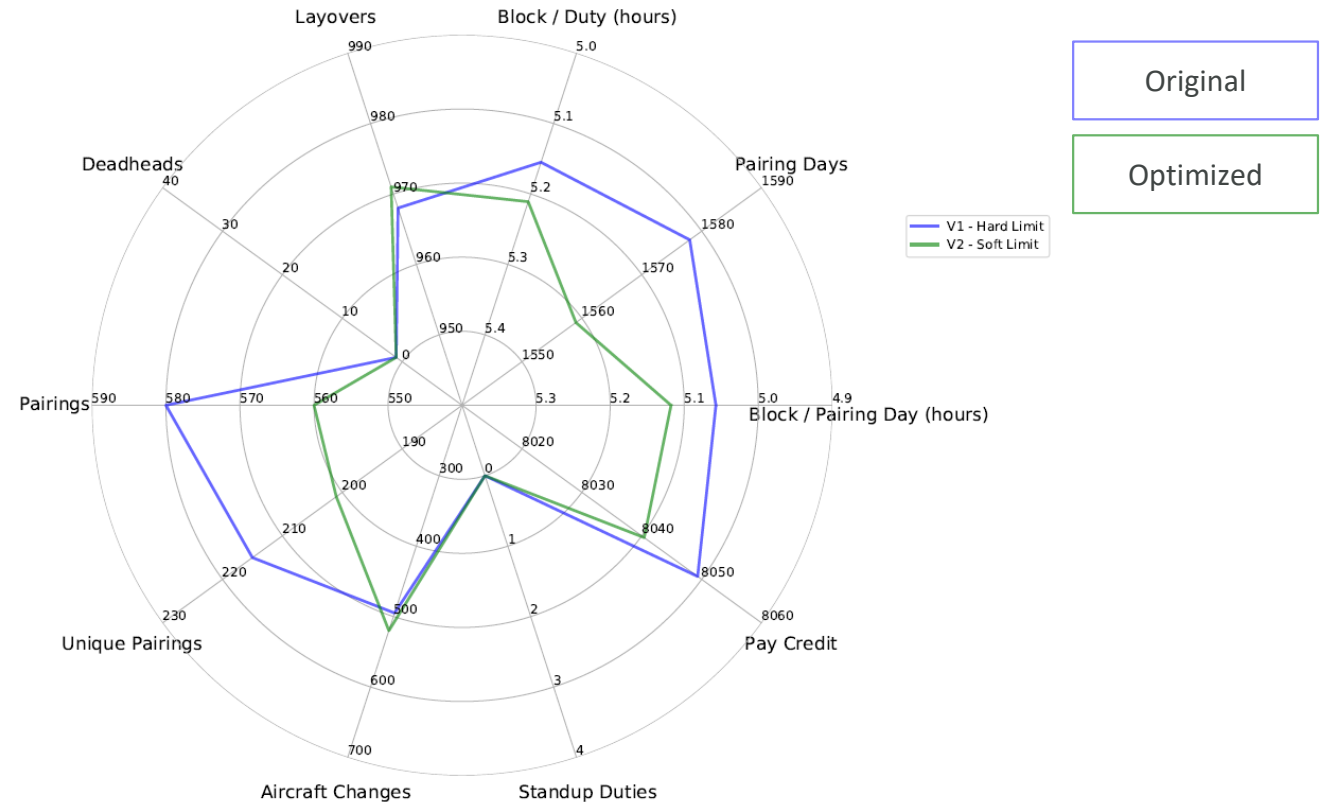




Crew efficiencies

Identify 2-10% improvements through elastic cloud analytics

- △ Evaluate many scenarios
- △ Holistic tradeoff evaluation
- △ Expert-as-a-service



Proven solutions across crew lifecycle



Crew Engagement

Simplify interactions on rosters, leave, swaps and training with mobile access

15,000 crew



Crew Operations

Full crew and flight management and compliance. Powerful data store.

**1.4m flights
34,000 crew**



Crew Optimization

40+ benchmarks with world-leading results. Software with service

~400 scenarios per month



Planning Optimization

Ensures optimal hiring and promotion
Scenario iterations for plan accuracy

Leading global innovation partners