

Achieving Cross-Functional Integration Among **CREW MANAGEMENT SOLUTIONS**



The Jeppesen Crew Management System

Each solution shares the same architecture, modeling language and business logic, resulting in seamless communication and coordination across solutions and phases of flight.

PLAN

Whether long-term planning or production planning, these solutions help lay the foundation for a smoother day of operations through the creation of optimized plans that are more accurate, robust, cost-effective and efficient.



JEPPESEN MANPOWER PLANNING

- Achieve more accurate resource planning with access to the latest actual and forecasted data.
- Manage and balance every aspect of long-term planning needs: career movement, training and leave.
- Ensure availability of crew at the right time and lowest cost.



JEPPESEN CREW PAIRING

- Create more efficient, robust and cost-effective pairing plans, based on your airline's specific objectives.
- Model and understand the impacts of crew changes and forecast crew needs with greater accuracy.
- Leverage capabilities beyond production planning to support long-term planning objectives and strategic analysis.



JEPPESEN CREW ROSTERING

- Construct and finalize rosters closer to day of operations for greater stability, while ensuring all regulations and agreements are met.
- With four bidding models, including Strict Seniority PBS and Weighted Fair Share PBS, there's an option to fit your operation.
- Improve crew satisfaction by considering crew preferences and enabling crew to influence roster construction.

Capture and integrate long-term crew plans with add-on modules:

- Crew Career
- Crew Leave



Airlines using the solution **save 3-15%** on crew costs and productivity.

Empower crew to influence rosters and stay connected with add-on modules:

- Crew Bid
- Crew Request

EXECUTE

When disruptions occur, efficient recovery is critical. Elevate your situational awareness with tools for detecting, selecting and resolving changes to the originally published crew plans.



JEPPESEN CREW TRACKING

- Stay on top of pressing issues with automatic identification and notification via the Alert Monitor.
- Advanced sorting allows better visualization of problems and reduces lead times to build optimal solutions that minimize operational impacts.
- Prioritize issues, develop multiple recovery scenarios and understand the implications to your operation—before committing to and publishing a recovery plan.

Enable more efficient communication and collaboration with crew with add-on modules:

- Crew Access
- Crew Exchange

ANALYZE

Create and implement a feedback loop of critical data into each phase of flight. Perform post-flight analysis and compare trends in planned and flown production to drive continuous improvement.



JEPPESEN FATIGUE RISK MANAGEMENT

- Consider fatigue rules and integrate biomathematical models to predict and proactively mitigate fatigue risks.
- Boost alertness in constructed pairings and rosters while identifying weak formulations in your current rule set.
- Drill into the details of any operated flight pattern to complement fatigue reports.



JEPPESEN CALIBRATION

- Historical data and machine learning enable you to put the right buffers in the right places—and reduce and redistribute where advisable.
- Absorb disruptions to avoid snow-balling while improving OTP and reducing crew-related delays.
- Strike the best balance between crew productivity, operational robustness and cost.



THE BENEFIT TO YOUR AIRLINE

With a system that reflects the workings of your airline, you can break down silos to achieve efficient workflows, cross-functional collaboration and cost-effective operations.

Learn more about the **Jeppesen Crew Management System:**

[View eBook](#)