



Jeppesen Crew Pairing

Increase productivity, safety and operational stability.

As your operation grows and changes, maintaining efficiency in your crew plans is a challenge. With the power of optimization, Jeppesen Crew Pairing will help increase the efficiency of your crew operation and develop the most productive work duties for your crew.

Get measurable results, now.

Crew efficiency, fatigue, operational robustness, crew satisfaction and crew costs are critical objectives for any airline. With user-controlled parameters, you have the ability to optimize trade-offs between objectives relevant for your airline – and focus on what is most important. By configuring the solution to your specific needs, you will recognize **crew cost savings and productivity gains between 3-15 percent**, including direct costs such as allowance, deadheads and hotel stays.

Power up your planning.

Power up your planning with efficient workflows, forecasting and tactical planning support. With fast optimization, advanced features and a highly automated process, you can run complex operations with ease and maintain an up-to-date long-term plan with more accurate headcount and hotel forecasts, start production planning closer to publication and incorporate new revenue opportunities with late schedule changes.

Jeppesen Crew Pairing allows you to:

- ✔ Manage multiple crew bases, several agreements, large numbers of flights and many aircraft types at once.
- ✔ Recognize and account for relief crew during extended flight duty periods on-the-go.
- ✔ Solve mixed-fleet crew problems in a single optimization run, generating pairings with different levels of assigned crew depending on fleet type.

Informed decision support.

The ability to perform side-by-side comparisons with ‘what-if’ scenario analysis, provides intelligent insights to support data driven business decisions. In addition, the analytics and decision support derived provides you with increased operational control by evaluating changes and associated impacts to KPIs. This flexibility allows you to adapt to changes and derive valuable information to validate proposed changes to other departments or stakeholders.

Improve planning with your network planning team.

Proactively taking crew into account when building the timetable and aircraft routings can bring significant productivity improvements, while simultaneously improving the robustness of your operation. By working with your network planning team on dynamic aircraft turns and retiming, crew planners can identify changes in the flight schedule that improve the crew pairing solution and suggest changes to the network team.

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Manage your fatigue risk.

The integration of the Boeing Alertness Model (BAM) with Jeppesen Crew Pairing allows you to systematically address crew fatigue when creating pairings. It helps you manage fatigue risk during planning in a much more systematic and accurate way, and provides an interface to incorporate fatigue into your planning process.

- ✔ Predict crew alertness and associated risk for each flight using scientific fatigue/alertness model, such as the Boeing Alertness Model.
- ✔ Take fatigue risk into account during optimization for optimum trade-offs with other KPIs.

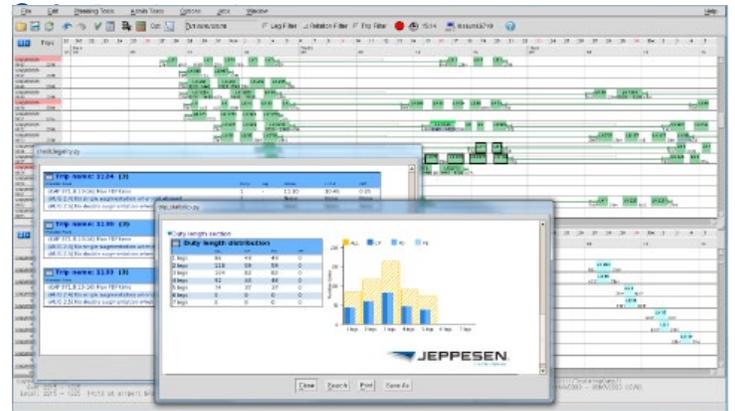
Learn from the past.

Calibration, a powerful analytics tool and add-on module to Crew Pairing, allows you to address operational robustness with greater precision. By leveraging actual historical flight data, Calibration allows you to see what actually happened, identify patterns, and automatically recommends adjustments and buffers to be incorporated into your plan that can increase the robustness and/or reduce cost.

We're with you every step of the way.

With Jeppesen, you get unmatched service and support to ensure the capabilities stay up-to-date.

- ✔ Regular system releases bring new features and improved performance every year.
- ✔ Dedicated service managers
- ✔ On-site check-ups
- ✔ Hosting
- ✔ Remote planning
- ✔ Business consulting



Jeppesen Crew Pairing offers a user-friendly interface, a powerful analysis tool and a versatile report generator.

Learn more about what we offer.

For more information about Jeppesen Crew Pairing, visit jeppesen.com/crew.