

Jeppesen Manpower Planning

Ensure you have enough qualified crew –
at the right time and at the lowest cost

Build optimized resource and training plans with Jeppesen Manpower Planning. Strategically plan for the long term, balance resources to manage peaks of demand, and continually analyze for future improvement. Reduce the time to create resource planning scenarios and give more relevant feedback to stakeholders allowing for more accurate and collaborative decisions.

Take the guesswork out of your planning

Bring crew on too soon and you spend unnecessary amounts on salary and benefits. Bring them on too late and you don't have enough crew members to fly your operation. And, how many crews do you really need? Are your crew properly qualified to fly? When do we need to initiate training? Rather than guessing, let the optimizer tell you.

As your airline continues to change and grow, it is important that your planning tools do too. Jeppesen Manpower Planning is driven by powerful optimization and delivers significant benefits over building plans manually.

Build accurate establishment calculations

Understanding your supply and demand is an essential starting point. Manpower Planning is designed to automatically source real data from your Crew Management System and known crew availability. This data is calculated based on actual qualifications, contracts and absences. Create an accurate establishment calculation enabling a solid foundation to build your plans.

Incorporate training requirements

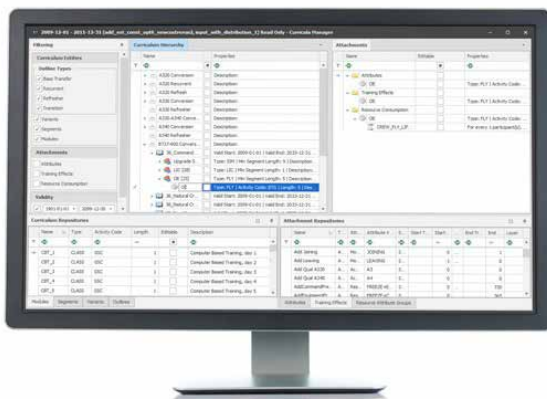
A resource plan is only valid if it accounts for training needs. And a training plan is only good if it meets the demands of the resource plan.

In the Training module, planners create and maintain the high-level training plan with projected new-hires and promotions. The effect of courses, such as instructor work, are immediately integrated into the resource plan.

Optimize your plans

Manpower Planning elevates your traditional sequential, manual planning and leverages a powerful optimizer to produce resource and training plans, at the lowest cost.

The integrated resource and training optimizer considers and evaluates all decision variables and constraints concurrently to include: transition training, part-time grants, new hires, recurrent training, base moves, production distribution, leave limit setting, etc. to produce optimized and accurate resource and training plans, quickly.



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Manage crew leave more efficiently

Manpower Planning can also be extended to cover leave management. With the crew-facing Crew Leave module you efficiently collect legal and validated leave preferences from crew.

With established rules for seasonal leave awards you can leverage automation for leave award / assignment and ensure a fair and equal treatment of crew.

Develop scenarios – make smart decisions

What impact will a new fleet have on our crew resources? Or opening a new base? These are difficult decisions and require thorough analysis. Manpower Planning allows you to model changes to your operation, produce scenarios and understand feasibility and operational impacts.

The flexibility of Manpower Planning enables you to stay in control and manage changes – big or small. Model different objectives or rules to produce multiple scenarios, understand various impacts and make more informed decisions. Your resource planning experts can do all of this without affecting the live plan.

Continuously improve plans

As you move closer to the day of operation, simply refine your assumptions, model different ideas and develop more precise budgets and forecasts.

Perform post-production analysis by comparing your actual plan with the budget. All actual data is stored within Manpower Planning for easy reporting and analysis.

Give your crew a voice

Crew Career, a web and mobile module, enables your crew members to express their career preferences as bids – vacancies, base-trades, temporary stations, contract types, instructor aspirations, etc. Bids provide crew with transparency and are considered by the Manpower Planning optimizer to develop more robust plans.

Manpower Planning allows you to:

- Identify opportunities to increase operational efficiency, improve crew utilization and reduce costs
- Develop optimized plans to support your long range and near term planning needs
- Integrate with your Crew Management System to produce more accurate budgets, improved forecast quality and crew plans
- Leverage extensive reporting capabilities to have better visibility of impacts and stay in control

Learn more about Jeppesen Manpower Planning at jeppesen.com/airline-manpower-planning-solutions