



Jeppesen Manpower Planning

Optimizing your resource plan

Be in control of your manpower, leave and training plan.

Take the guess-work out of your resource 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? Rather than guessing, let the optimizer tell you. With Manpower Planning, your team will be empowered with the tools they need to strategically plan for the longer-term, balance resources to manage peaks of demand, and analyze for continuous improvement into future plans.

Optimization

Using an optimizer in order to build a resource plan is a powerful alternative to building a plan manually. All decisions are taken and evaluated at the same time: transition training, part-time grants, new hires, recurrent training, base moves, production distribution, leave limit setting, and so on. This means that instead of having a sequential approach, where one decision outcome is the input for the next decision, all decision impacts are considered and evaluated at the same time. By modeling the different objectives and rules in RAVE, optimization allows you to try out different scenarios and get very fast feedback without affecting the live plan. This quantifiable and comparable feedback is invaluable in determining the next course of action.

Product Overview

Manpower Planning is designed to operate as a connected part of your crew planning process. Our solution is composed of three core modules: establishment, training and leave. These modules are fully

integrated – when a change is made in one module, it is immediately visible in the others.

Establishment module

The establishment module is the core of Manpower Planning, where supply and demand values are presented and adjusted, either manually or by the optimizer where applicable. Demand values included forecasted and known production, forecasted illness, ground duties, training activities, leave, etc. Leave is planned in the establishment module and awarded in the leave module.

Training module

The training module is used to manage career movements and other relevant training activities. This module includes optimization of the transition training plan. Optimizing the transition training plan has proven cost savings, as the production is covered at the right time in the right way. One example of savings is in salary, as crews are trained to their new position at the right time as opposed to too early. Optimization considers training resource constraints, rules and regulations, seniority and crew bids. Additionally, the optimizer is aware of leave and other training events, such as recurrent training. When building the training plan, recurrent training and leave limits can be dimensioned by the optimizer, therefore enabling a better resource plan.

With fast optimization, advanced features and a highly automated process, all decisions are taken and evaluated at the same time, speeding up the time it takes to build your plans. No longer wait for one decision outcome to be the input for the next decision. Try

out different scenarios and get very fast feedback without affecting the live plan.

Leave module

The leave module is where leave can be allocated and maintained. The award logic is defined in this module and is fully customizable. The Jeppesen crew portal module, Crew Bids, interacts with the leave module, allowing crew to get immediate feedback in case a bid is illegal.

See everything Jeppesen Manpower Planning offers.

- ✔ Best-of-breed optimization for optimal cost savings and efficiency.
- ✔ Decision support tools, such as optimized what-if scenarios of all kinds, from adding production to adding a fleet or a base.
- ✔ Powerful customization framework, enabling you to easily change rules, reports, data interfaces and optimization cost drivers.
- ✔ Powerful analysis with daily granularity, from trend analysis to comparisons.
- ✔ Integration for access to latest crew and production data for improved forecasting quality
- ✔ Support for automation. Tedious tasks can easily be automated, freeing the planner to work with more value-creating tasks.
- ✔ Measurability and reporting capabilities help you stay in control. The system offers customizable KPIs, reports, an intuitive user interface and calculations for specific needs.
- ✔ Comprehensive service offering, with regular new system releases, dedicated service managers and on-site checkups, where both the system and processes are analyzed, ensuring the system and the optimization capabilities stay up-to-date.
- ✔ Easy to maintain and update model, through new version of core system.
- ✔ Scalable to grow with your operation.
- ✔ All input data sources are traceable and transparent for reliability.

Delivery, support and consultancy services

Jeppesen provides a full range of consulting services. Our professional services consultants have extensive experience working with the world's leading airlines. We support your operation so you get the greatest value from your investment, now and in the future.

We implement and customize our technical solutions to support your business processes with minimal disruption, integrate them seamlessly, and train you so you can use Jeppesen Manpower Planning with confidence and optimal results.

Following deployment, we maintain contact and regularly visit your operation to make certain we're meeting your needs today, and can anticipate what you'll need tomorrow. With Jeppesen, you get best-in-class service and support, as well as total control.

Our business consultants can help you with well-defined studies as well as with managing of long-term change. We combine a profound understanding of business problems with our powerful decision support systems, providing a comprehensive set of tools to analyze and develop any airline operation

Learn more about what we offer.

For more information about Jeppesen Manpower Planning, visit jeppesen.com/crew.