Faster, Smarter Crew Planning

Manpower Management (MPM)

The iFlight Crew MPM provides airlines with an accurate view of detailed planning scenarios helping to establish and maintain a timely and cost efficient crew manpower plan. It provides flexibility for airlines to model multiple user–defined planning scenarios and make informed manpower planning decisions with transparency and precision.

With short term planning and monitoring capability, many airlines 'lose sight' of their manpower planning picture during the period between crew pairing production and the day of operation. iFlight Crew MPM includes functionality to monitor the crew demand, crew capacity and crew coverage during this period to ensure that visibility is maintained and there is always an answer to the question 'What has changed?'

Additionally, the ability to compare what actually happened on the day of operation against the original plan is included in the functionality to enable feedback loops to be put in place to fully analyze the success of the manpower plan.

A smart manpower planning system can result in significant cost reduction and consequently increase in profit margins. It also improves crew satisfaction with more predictable leave lines.

Functions of iFlight Crew MPM

- Calculation of both long and short term crew manpower requirements
- Establishment of the crew movement plan
- Establishment of the crew training plan
- Establishment of the required crew recruitment plan
- Maintenance of the Integral manpower plan
- Analysis through 'what-if' scenarios in support of strategic and business planning
- Maintenance of rule sets and crew preferences pertinent to manpower planning

Benefits

👍 Supports strategic or macro planning from fleet plan or network plan

👍 Budget planning using SSIM or Pairing

👍 Micro planning using SSIM / Pairing / Pre-assignment

👍 Profile leave demand and effectively plan leave lines and exhaust leave liability

👍 Forecast of crew high hours using regulatory compliance of crew flying statistics to ensure that crew operates within legal limits

👍 Seamlessly support multi-rated crew without double counting

👍 Accurate and transparent picture of manpower levels and plans

👍 Interfaces with other core systems allows a centralized view of critical information

👍 Integrated decision support tools that aid the management

Value proposition

iFlight Crew MPM will help faster, smarter crew allocation decisions leading to reduction in crew costs up to 5% through improved recruitment plans, training plans and crew movement profiles.

Key Differentiators

- Capability to handle a wide range of user driven 'what-if' scenarios

- Helps the planner to plan the leave lines for the entire budget year and assist in monthly reconciliation

- Training can be planned for Just In Time and tracked

- Functionality to forecast and project crew capacity by calculating the effects of requirements such as standby/reserve, maternity leave, attrition, crew hour limitations etc

- Seamlessly interfaces with other airline systems ensuring smooth data flow to and from the manpower Planning system

Functional Overview

MANPOWER MANAGEMENT

ANALYZE → PRODUCE PLAN → MONITOR, ASSESS & ADJUST → EVALUATE

+ 1 - 3 years	+ 12 - 18 months	+ 2 - 12 months	+ 0 - 2 months	– 0 - 12 months

- Integrated planning modules for training, movements, leave and recruiting
- Import of current status and forwarding projection (e.g. promotion point BH)
- Import of training requirement from current headcount Plan indicative costing
- Publication and version control

Flying Demand
Operational FTE Plan
Crew Capacity
Business Rules
ACTUAL: FTE Training Leave Other
Plan Generation
Leave Planning
Training Resource Planning
Recruitment Planning
Costing
Publish
Movement Planning
Risk Assessment

> Manpower Plan
> Training Plan
> Movements
> Recruiting Plan
> Costing
> Leave Plan

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Inventing future