



**ibsoftware**

# New Heights in Flight Operations Management

**iflight**  
LITE

## Industry Needs

Every airline requires to accurately plan and track flight and crew movements. Planning flight schedule and crew roster is usually a demanding task, which requires the use of knowledge from a variety of resources. The planned schedules are subject to disruptions on day of operations due to factors that range from weather to non-availability of resource(s). The objective is always to minimize disruptions and carry on business as usual. Integrated information flow is thus essential between various departments for efficient management of airline operations. An integrated system, which takes care of the main flight operations processes, will ensure that an airline flies as per published schedule.

## iFlight Lite Integrated Flight Operations

iFlight Lite is a comprehensive, integrated and proven flight operations and crew management solution for small to medium sized airlines.

iFlight Lite helps airlines manage and efficiently control aircraft and crew movements.

### iFlight Lite also helps airlines:

- Manage all flight operations in one single system
- Prepare automated crew plans in compliance with local and company regulations
- Ensure consistent and equitable management of crew
- Enhance operational performance of the team
- Use decision support tools to assist in management decisions

Over the years, iFlight Lite has evolved into a complete solution by incorporating the best practices in the airline industry. iFlight Lite provides airlines with an optimised and cost-effective solution that easily handles the different complex problems existing in the industry

## Key Differentiators

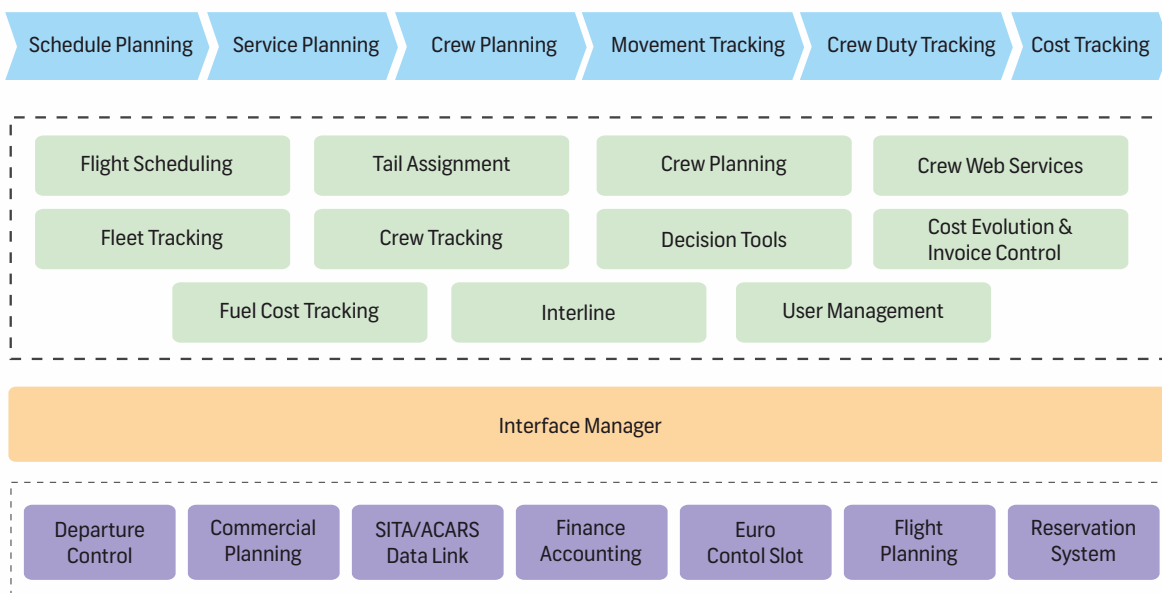
- iFlight Lite is a proven product for a flight operations and crew management system.
  - Helps small to medium sized airlines streamline their processes and aids in a quick expansion of the airline without affecting their day-to-day operations.
  - Business benefits delivered to customers in aggressive implementation timescales against a fixed price.
  - iFlight Lite necessitates only a low upfront investment from customers, at the same time providing a very quick return on such investment.
  - The iFlight Lite system is a robust, scalable system with the comprehensive functionality to support small and medium size airlines.
  - The iFlight Lite system is constantly evolving with new functionality releases and technical innovations to meet the changing requirements of customers.
- 👍 Co-ordination of information flow within the airline company
  - 👍 Regulatory compliance of crew flying statistics to ensure that crew operate within legal limits
  - 👍 Operational performance – A combined view of both aircraft and crew movement aids the ability to recover from unforeseen disruptions and provides seamless updating of aircraft movements to other core systems
  - 👍 Crew satisfaction – Creation of automated crew plans against company criteria ensures consistent and equitable management of crew
  - 👍 Reduction of paper based operations
  - 👍 Improvement of operational performance through reduction in errors and discrepancies
  - 👍 Clear definition of processes, data ownership and responsibilities laid down
  - 👍 Integrated decision support tools that aid management
  - 👍 Capability to rapidly implement and provide adequate training
  - 👍 Option to customise based on gap analysis
  - 👍 Low cost of ownership

## Benefits

- 👍 Simple and easy to use airline operations management system
- 👍 Management of major activities in one single system

## iFlight Lite Functional Architecture

iFlight Lite has a modular structure, giving the airline the option to choose the entire set of modules or select only those modules essential for their operation.



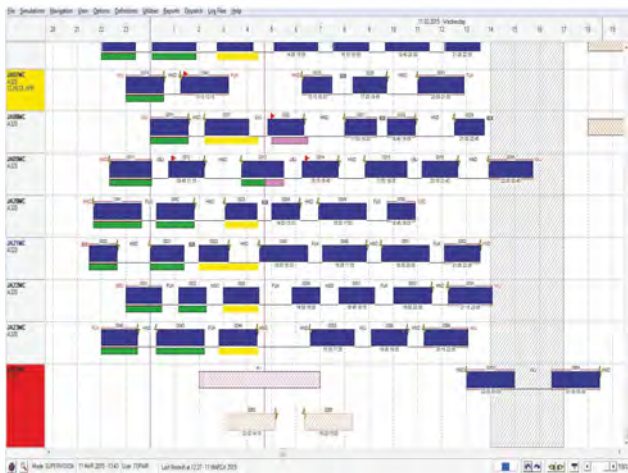
## Features

### Flight Scheduling (Schedule Management)

- Create and maintain flight schedules
- Complete airport slot management
- View schedules in Graphical View
- Plan long term aircraft maintenance schedules
- Establish seat allotment contracts with tour operators
- Schedule export facility in SSIM Chapter 7 format
- Provide automated tail assignment
- Create and validate schedule scenarios
- Inbuilt reports which can be exported to PDF, Word, Excel formats

### Flight Operations

- Maintain information of crew members e.g. crew function, qualifications, medical checks, passport and visa validity, homebase history, denied access airports, personal information



- Create crew pairings – supports automatic or manual creation of crew pairing based on company rules and regulations
- Facilitate planning of crew pairings separately as per cockpit and cabin crew regulations
- Facilitate crew rostering – supports automatic or manual assignment of pairings to crew members. The assignment would comply with company rules and regulations.
- Plan and administer crew medical & licensing checks/trainings.
- Prepare crew roster reports; automated delivery of roster reports to crew by email, SMS etc
- Crew flight and duty time counters
- Interline module – Crew deadhead, hotac & transport booking module
- Alert system to warn you in case of disruption
- Track change to crew schedules – provide options to validate changes in schedules of crew members. Once changes are approved, the concerned crew members are intimated
- Track crew checks – Reports can be taken from system to identify crew members whose checks are expiring. Alerts are displayed in graphical view if checks are expired
- Provide in-built reports to track crew activities, flight time and duty time statistics, license expiry etc. The reports can be exported to PDF, Word or text file
- Automatically update actual times – flight and duty times – of crew
- Provide web interface for communicating rosters, medical/license expiry and duty changes to crew; also facilitates crew check-in
- Auto validation and proactive alerting of crew flight time / duty time violations

iFlight Lite has an existing user base in Europe, North America, Latin America, and the Indian subcontinent. The current clientele includes charter, scheduled, low cost, cargo and executive airlines

## Crew Roster Planning and Tracking

- Maintain information of crew members e.g. crew function, qualifications, medical checks, passport and visa validity, homebase history, denied access airports, personal information
- Create crew pairings – supports automatic or manual creation of crew pairing based on company rules and regulations
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