

IFS Fleet Planner™



Long range planning to suit your operational demands

The commercial aviation industry is witnessing an unprecedented growth in fleet sizes. Maintaining the airworthiness, safety and regulatory compliance of these aircraft is a critical component of any aviation organization's business.

However, delivering the best maintenance plan that can meet the expanding demand of a dynamic business can be a challenge when planners must contend with a network of maintenance facilities with varying capacity and capabilities, and pressure to keep aircraft in revenue service for as long as possible.

Traditional tools like spreadsheets and generic scheduling applications not purpose built for aviation planners fall far short in meeting the complex forecasting, modeling, and control requirements of a modern and growing airline. With IFS Fleet Planner, long range planners can move beyond the struggle of spreadsheet macros, manual data manipulation and document version control, and instead, focus their efforts on building comprehensive plans that best suit operational demands.

Designed to work with data from any maintenance information system, SaaS-based IFS Fleet Planner offers a complete set of tools that reduce the manual and repetitive efforts of creating and updating plans, while providing planners with the insights needed to choose the best possible plan.



Born in the cloud, **IFS Fleet Planner** delivers on the promise of Software as a Service, providing an intuitive maintenance planning solution that can be quickly deployed at low cost and with little to no IT involvement. Built on Amazon AWS, the software easily scales in lockstep with fleet growth, and works with any maintenance and engineering system.



Simplified planning

Simplify maintenance visit planning for aircraft availability, check yield, resources, and hangar utilization.



Model scenarios

Model multiple scenarios for fleet growth, capacity expansion, new acquisitions, and changing operational models.



Identify impacts

Identify the resulting impacts on facilities, resources, capital, and expenses required to implement the plan.



Real-time alerts

Real-time alerts instantly warn the user if an action breaks compliance or a pre-defined rule, such as an overdue visit, or if a track cannot support the type of work required in a visit.



Time saving tools

Reduce the manual and repetitive effort of planning with a set of time-savings tools.



Simplified collaboration

Small teams of planners or larger teams working on shared tracks can assign colours to the aircraft they manage and seamlessly merge individual contributions to the master plan.



Real-time planning

Publish plans across the organization in realtime to ensure all stakeholders are working toward the same goal.

IFS Fleet Planner – Benefits

Choose the best plan to support your business

IFS Fleet Planner helps quickly pinpoint the most efficient plan tailored to an organization’s unique requirements, significantly improving aircraft availability, check yield, and hangar utilization.

- Automatically generates a plan that considers the variable requirements of each aircraft visit at each maintenance facility, such as the buffer added to turn-around time, non-working or blackout days, track capability, and cost
- Models parallel planning scenarios to illustrate the downstream effect of adjustments on aircraft availability, costs, and resource utilization, making it easier to determine the best course of action

Save time and effort

Whether for single-base operations or globally distributed maintenance organizations, IFS Fleet Planner enables faster and more efficient planning.

- Intuitive, interactive Gantt consolidates planning activities into a single view, eliminating the need to flip back and forth between data sheets or screens
- Built-in automation for merging visits, check hierarchy, as well as the ability to define chained, repeating and terminating tasks
- Plans can be as simple or as detailed as needed to support varying aircraft maintenance programs

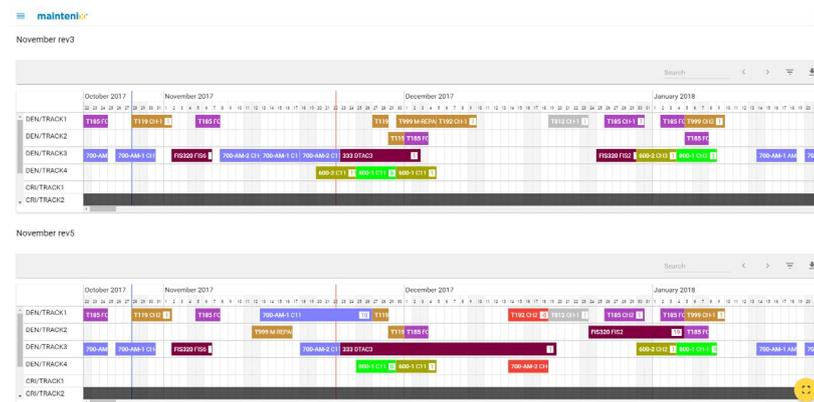
React quickly to change

Because even the best plans change, IFS Fleet Planner enables multiple planners to easily modify, merge, and share plan updates.

- Scheduling engine can automatically reforecast due dates, highlighting any overdue task or visit
- New tasks, engineering orders or aircraft introduced to a maintenance program flow seamlessly into plan with minimal disruption by rerunning the scheduling logic
- Within a team of planners, individual updates to selected tracks or fleet can merge together without the threat of conflicting or lost data
- Production plans can be shared in real-time across the organization, eliminating errors and providing unprecedented control over plan accuracy and rollout

Features:

- Automated scheduling merges complex business inputs—such as yield, track utilization, auto merge rules, hierarchy checks—to create a plan in seconds
- Bump and roll capability shifts all the start dates of downstream visits impacted by current visit adjustments, while consuming any utilization gaps
- “What if” analysis helps planners evaluate projected impacts on plans before locking on best approach
- Compare feature offers side-by-side plan comparisons by Gantt or against key performance indicators
- Warnings alert users of events that break preset, configurable rules on yield, sequencing, track capability
- Built-in controls enable planners to work collaboratively without risking inadvertent changes to each other’s work
- Powerful Search capability makes it easy to locate visits for specific tails or tasks
- Out-of-the box reports can be quickly shared with targeted groups across the organization
- Support for data from any third-party maintenance system



Compare two plans by Gantt (or against a set of Key Performance Indicators) to quickly identify the impact of operational changes on your track utilization, yield, cost, or other metrics.

IFS is the world’s leading provider of industrial AI and enterprise software for hardcore businesses that make, service, and power our planet. The industry expertise of our people and of our growing ecosystem, together with a commitment to deliver value at every single step, has made IFS a recognized leader and the most recommended supplier in our sector.

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