IFS Maintenix eLogbook

A flight deck solution that creates a connected workforce, from pilot to maintenance

A next-generation approach to electronic logbooks

A simple, elegant, and fully integrated solution with the best-of-breed software for aviation maintenance management.

A logbook essentially serves as a small maintenance system, providing an ability to sign-off work while accumulating a historical log of what was resolved and fixed. Paper logbooks started as a simple way for pilots to interact with their maintenance organization and ensure airworthiness compliance was met. Attempts made in the civil aviation market to modernize the logbook into a less-weighty, more connected, and integrated electronic logbook solution have largely fallen flat. Those solutions either brought excessive complexity and cost by trying to directly integrate into the aircraft system or required a duplication of a maintenance system. The adoption of electronic flight bags (EFBs) has seen portable tablets proliferate in the hands of pilots to solve the electronic logbook conundrum, but even these solutions have seen limited success since they are not integrated into maintenance operations.

IFS Maintenix eLogbook

A joint, proven approach to demystifying electronic logbooks.

Integration with IFS Maintenix
Through integration with IFS Maintenix Operator Edition, the eLogbook solution avoids the need for data duplication and delivers a complete spectrum of aviation maintenance management in a single integrated business platform.

Connectivity
To ensure that faults are communicated as they occur, IFS Maintenix eLogbook supports real-time connectivity even in-flight, allowing pilots to communicate issues to maintenance crews. If in-flight connectivity is not available, logged issues are shared as soon as connectivity is accessible.

Real-time compliance
IFS Maintenix eLogbook maintains real-time compliance by allowing mechanics at the point of maintenance to use the software in a mobile sense. By bringing the electronic logbook into real-time, it ensures catching compliance issues and not releasing a plane in a non-compliant state. By integrating with IFS Maintenix Operator Edition, anytime a mechanic touches a plane, a full validation of the compliance against the configuration, maintenance programs, and deferral constructs is done.

Real-time pilot view
IFS Maintenix eLogbook delivers pilots an “available, anywhere” level of access to aircraft readiness and status, allowing them to analyze maintenance status and see any resulting impacts to their flight schedules.

IFS Maintenix eLogbook: Benefits

An innovative electronic logbook solution that supports a connected workforce and pilot engagement model; delivers data accuracy; and improves upon reliability, performance, and quality of the aircraft and its flight schedule.

A connected workforce
What makes a great airline maintenance solution is one that creates a connected workforce. IFS Maintenix eLogbook acts as a bridge that allows communication with all required stakeholders (maintenance operations control center, mechanics, supervisors, engineers, and pilots) working in unison to return the aircraft to serviceability and ready to depart on time.

Improved accuracy and data consistency
Transcription and paperwork errors are things of the past with IFS Maintenix eLogbook. The integrity of data can be better trusted with the IFS solution, seamlessly transferring fault information logged at the flight deck to IFS Maintenix Operator Edition, eliminating the need to re-key in information into a separate system.

Pilot engagement
IFS Maintenix eLogbook is designed, first and foremost, with the pilot in mind. Like a modern suit, it offers a slim, tailored experience, providing the vital information pilots need to perform their job. In fact, pilots no longer need to physically be on the flight deck to be aware of maintenance issues and what impact they may have on the flight. Additionally, IFS Maintenix eLogbook empowers the pilot to log and note faults, in-flight.

On-time performance and quality of service
By adopting a purposeful two-way communication loop, IFS Maintenix eLogbook proactively informs maintenance crews and pilots well in advance of boarding the aircraft, of issues that need to be dealt with–providing more time to react.

Cost savings
The power of IFS Maintenix eLogbook is in its enhanced fault forwarding. The fault information is shared in an expedited fashion with the maintenance crew to proactively prepare, perform preliminary analysis, analyze and fix faults faster–thus mitigating costly delays, cancellations, and the dreaded 'aircraft on ground' status.

The seeds of an electronic logbook solution were planted long ago

IFS has a long-standing commitment to delivering innovative products that stay one step ahead of the market. Over the years, IFS has pioneered many A&D industry "firsts", including: being the first company to be certified for paperless use in line maintenance and the first to build a mobile handheld disconnected maintenance execution application.

Made for airlines. Designed for pilots.

IFS Maintenix eLogbook is a next-generation approach to electronic logbooks that delivers an integrated and mobile solution that works with the best-of-breed software for aviation maintenance management. IFS Maintenix eLogbook is a pilot-driven user experience, that maintains real-time compliance and facilitates maintenance line capability. It's made for airlines–designed for pilots.

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