



Mobile Workshop Suite

Best practice IT solutions for MRO

Mobile Workshop Suite creates value

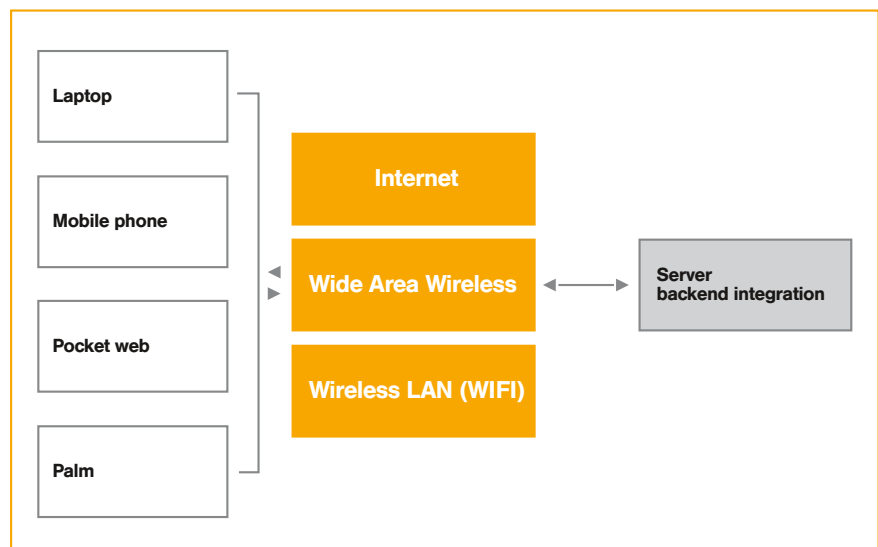
- Increases hangar and labour productivity
- Improves data quality for better decisions
- Makes planned and non-routine inspections more efficient
- Accelerates the flow of information and reduces turn-around times

Leading MRO enterprises need to optimize processes and reduce costs continuously. One of the challenges they face is that mechanics spend more and more time on paper-based processes. They need to obtain technical information, note down the details, and later physically enter data back into the computer system for review and parts requests.

As a result, critical information might be missing or incorrect. These time consuming tasks might easily add up to more than one hour during an eight-hour shift.

Today technicians can be more productive as they interact with the MRO system in real-time through mature mobile computing technologies in the form of handheld devices.

Lufthansa Systems draws on its extensive experience to offer you the whole spectrum of services for mobile maintenance solutions. From consulting and analysis related to the MRO business case including the selection of requested infrastructure to the assembly and realization of the solution – we are your overall solution provider.



Mobile Workshop Suite streamlines MRO processes



Lufthansa Systems' best practice

We help you to extend operational efficiency to work locations in the hangar or in the field. We are your full service provider (as main contractor) for the technical and functional tailoring of our mobile workshop suite. This comprises a set of services:

- feasibility study of your business case
- respective selection of robust hardware
- complementary data integration and connectivity
- streamlining of the approval process through electronic signature/card-reader-functionality
- mobile front-end development.

For the success of a mobile maintenance solution the acceptance of the technicians is crucial. They require a guided process in a logical, easy-to-follow sequence of the front-

end GUI. Lufthansa Systems has experience of the following business cases:

Non-routine unexpected work:

- defect entry/reporting
- analysis of the work required
- browsing and requisition of needed parts

Repetitive and manual tasks:

- browsing technical documentation
- aircraft history queries
- inventory checks & requisitions
- work order completion & reporting

Others such as:

- constant analysis of status messages sent through ACARS
- reading of maintenance data from RFID-tagged aircraft parts
- approval process through electronic signature

The ability to use mobile computing at the point of work will ensure that tasks performed on an aircraft during a non-routine or planned inspection are performed in the same consistent manner as off-wing work completed at a repair facility.

Whether you go paperless or produce multiple paper routine or non-routine forms, Lufthansa Systems Mobile Maintenance suite makes aircraft records more accurate and more visible than the manual process can ever be.

We tailor the Mobile Workshop Suite according to your needs. You decide on the scope of our services – from consulting to realization and smooth integration into your MRO systems.

Lufthansa Systems – IT experience in MRO

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