



## eEnabled Software Management

**The increasing complexity of field-loadable software for today's aircraft challenges engineering departments of airlines to find new solutions for handling this software efficiently in operations. A state-of-the-art technology to manage software configuration control is a must-have, so Lufthansa Technik is providing a dedicated platform to manage the field-loadable software of all aircraft types: the eEnabled Software Management (eESM) suite. It supports the entire fleet mix, from legacy aircraft to the latest generation of eEnabled aircraft.**

### Staying up-to-date

Today's commercial aviation is heavily automated, with aircraft becoming increasingly smarter. Digital technology has enhanced safety, efficiency and passenger comfort and has reduced the flight crew's workload. But digital technology requires constant updating of the onboard software. To keep track of the current software configuration, and to keep time and costs low, Lufthansa Technik developed the eEnabled Software Management (eESM) suite – a manufacturer-independent platform dedicated to managing field-loadable software.

### The solution for today and tomorrow

The eEnabled Software Management (eESM) platform allows customers to handle software management for an entire fleet – today and in the future. eESM can be used as a standalone solution for operators of new eEnabled aircraft such as the A350, which contains 1,100 software positions and approximately 450 software part numbers. Operators of mixed-asset fleets, some of whom still use floppy disks, can also manage their software by integrating a portable data loader (PDL), an adapter plate (designed and certified by Lufthansa Technik) and the eESM suite. Thanks to the combination of these three devices, the use of technically obsolete delivery formats (e.g. floppy disks, DVDs or USB sticks) can be eliminated.

### Efficient one-fits-all solution

The web-based application provides a detailed overview and display of an aircraft's current software configuration; software updates can be planned anytime and anywhere. eESM thus reduces manpower and resources while guaranteeing optimum access to the aircraft software – worldwide and anytime. Consequently, costs for logistics and work are reduced and the tool can be used for all aircraft types as a one-fits-all solution. eEnabled Software Management allows the user to import, store and reproduce necessary software updates simply and securely to comply with legal requirements, incorporate design improvements and perform corrective actions.



### Customer advantages

- Software always at your fingertips
- Less manpower and fewer resources
- Aircraft type-independent solution
- One-fits-all solution for every customer independently of aircraft type and fleet age
- Longstanding experience and know-how
- Process-oriented user guidance
- Requires only one week of training



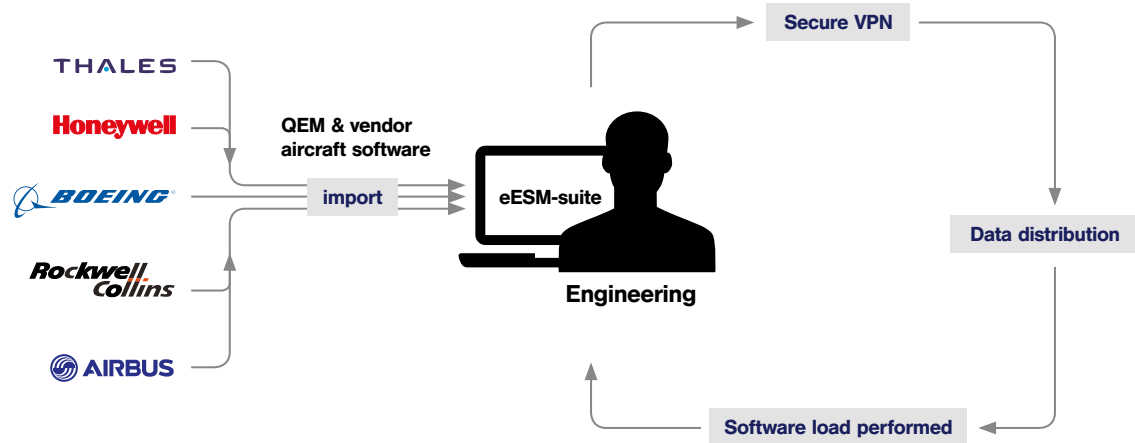


**Troublefree operations**

Aircraft operators benefit from Lufthansa Technik’s long-standing expertise in the field of eEnabled Software Management. The company has been using the platform for ten years already, continually enhancing its functionality and compatibility. Although eESM is not a document management system, it enables users to upload software-related files so that all necessary documents are at hand when needed. The tool also offers the option of systematically storing log files to ensure their ready availability at all times.

**Software management**

Increasingly important especially for the newest generation of commercial airliners, Lufthansa Technik’s software management services and integrated IT tools help you to keep your overview of the software programs on board.



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