



AERTEC

→ **Software applications**
Powerful intuitive tools
to optimise processes



Let's talk **aeronautics**



➔ Digitalization

Powerful intuitive tools to optimise processes, boost efficiency and enhance safety.

Industry 5.0

Innovation plays a leading role in the aeronautical industry's evolution and development, where the pace of production is exceedingly low. It aims to use the digitisation technologies to develop more accurate and efficient processes. AERTEC took part in several projects aimed at applying smart tools to increase the efficiency of processes, operations optimisation and cost savings.

Digitising of processes in aeronautical manufacturing and assembly environments



+ Dashboard

App for KPIs management interface at different levels and departments to ease decision-making.



+ Planning Chronos Tool

To manage and generate complete Aircraft Planning.



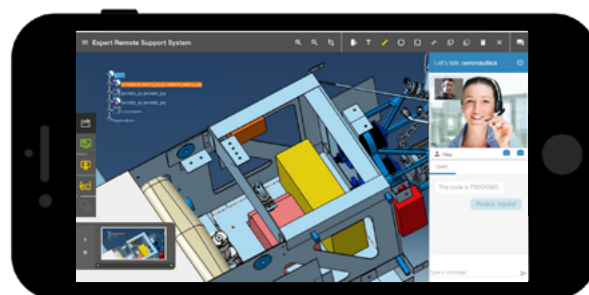
+ System for Pattern Management

Tooling/Software/Hardware Solution that optimises the process of composite patterns management.



+ Remote Support

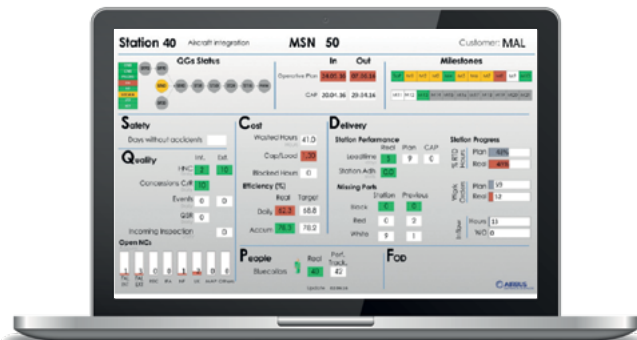
Technical support at aeronautical plants, remote and in real time, using augmented reality and mobile devices.





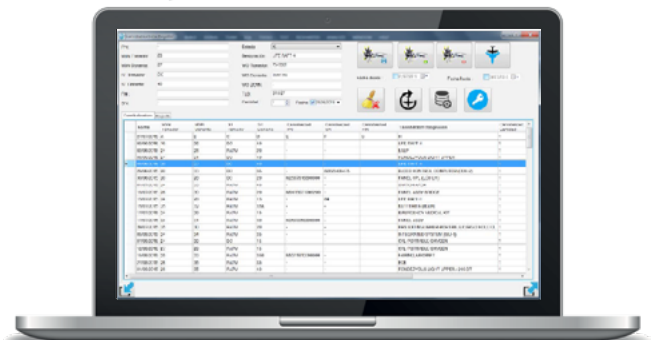
+ Visual Plant Management Tool

Web app which provides an integrated view of the aircraft Performance Status and offers the possibility to access to data, which includes an Executive KPIs grid proposal and gives a support SQCDP.



+ FL Task Management

Open issues management on the parking apron: Centralised SQLite database system with assistance and Assistance for meetings (tracking of outstanding actions according to outstanding TLB points, and Automated generation of meeting minutes and short-term plan reports)



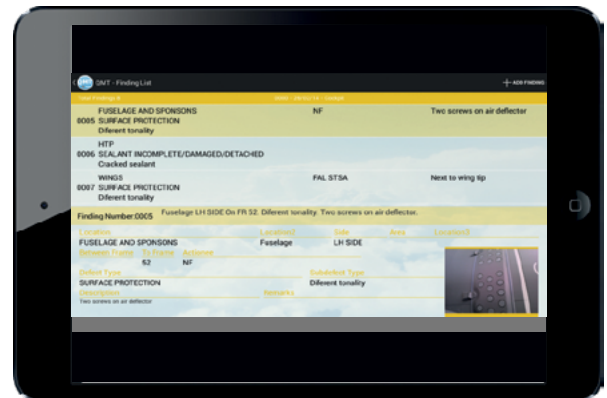
+ Digital Simulations

To simulate real processes to evaluate different production and process scenario.



+ Digitization Management Tool

A multi-purpose software application developed to ease manufacturing and inspection process.

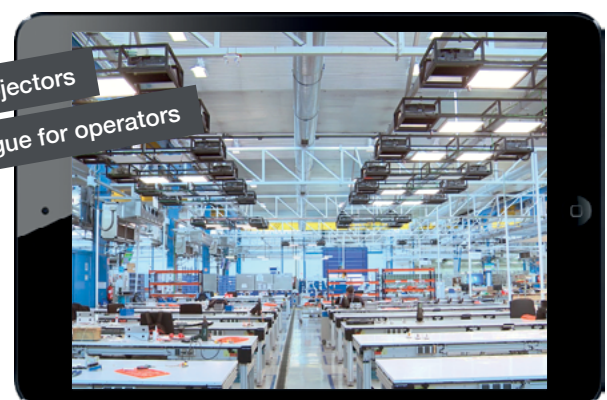


+ i-Workbench

Lean electrical harness manufacturing system which simplifies, enhances and speeds up cable manufacture providing direct access to the workstation's information system through digital interactive production orders.



Overhead optical projectors
Low visual fatigue for operators





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