

smartforce

SMARTFORCE PORTFOLIO

SmartForce Inspection



AIRBUS

SmartForce Inspection



SmartForce Inspection provides the Operator with a digital defect management system, from detecting, measuring and capturing to managing findings for continuous monitoring.

The service relies on drone scans for upper surface inspections, avoiding the need for scaffolding and other complicated infrastructures; and a digital system for capturing and visualising the rest of damages. The rudimentary defects management process is transformed into a visual and user-friendly digital system.

The streamlined process makes it much easier to identify and communicate findings and to capture information on the damages. From the first identification up to the inspection, repair and record keeping, everything is managed in one tool.

Saving time and effort and reducing infrastructure needs, SmartForce Inspection is also available to be used during aircraft deployments, providing the capability to detect, measure and capture any possible damages during mission operations.

FEATURES

- Fully autonomous drone to safely inspect aircraft upper parts
- Strong tool with 3D aircraft mock up for easy recording and visualisation of the damages on the aircraft
- Digital system applicable to multiple aircraft platforms with historical defects visual information

BENEFITS

- Reduced preparation and inspection time
- Reduced ground equipment requirements
- Deployable solution
- Increased operator safety
- Consistent and traceable defect reporting

TODAY

Manual inspections require set-up and tear-down times of the scaffolding. Maintenance information system defect management is based on databases, being difficult to assess and extract direct information.

TOMORROW

Automated ground visual inspection process with defects and damages uploaded to the 3D Aircraft Mock-up.



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