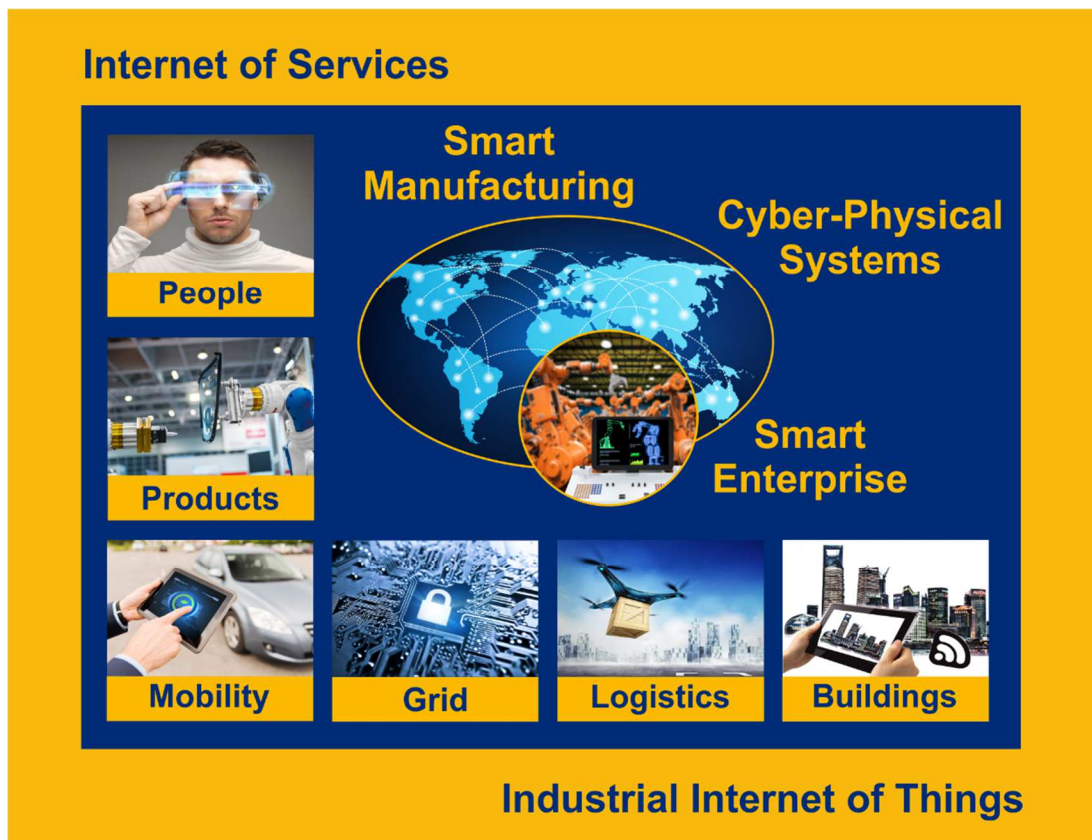




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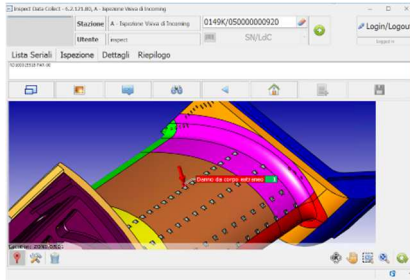
An International Turbine Blade Manufacturer Chooses ATS to Set New MRO Business Line



Introduction

The customer is one of the largest suppliers, installers and service providers for power generation plants and components and one of the world's leading players in the sector. It is a full-cycle, integrated operator, with the capabilities to build turnkey power plants on green field sites using its own technology and its own independent design, production, construction, commissioning and service resources.

ATS Inspect was the perfect fit for their visual and dimensional inspection processes.



In year 2016, the customer took the decision to start a new internal MRO (Manufacturing, Repair, and Overhaul) line. Instead of outsourcing repair activities to external companies, they took the business decision to carry them out on their own. To be effective in such business, they needed an effective software tool to support their visual and dimensional inspection processes. **ATS Inspect** was the perfect fit.

The Need

To be effective in the repair processes of turbine blades, the customer needed

- ▶ Paper-less inspection processes
- ▶ Low preparation time for audits
- ▶ Full integration with PLM and ERP systems
- ▶ Guidance to inspectors with 3D models of the turbine blades
- ▶ Possibility to collect dimensional data and have real-time validation

The ATS Solution

ATS Inspect product to support shop-floor MRO operations, integrated with:

- ▶ SAP ERP, to receive the inspection sequence of turbine serial numbers and
- ▶ Siemens Teamcenter Manufacturing to receive 3D CAD models and engineering instruction



The Business Benefits

- ▶ No risk of errors during MRO operations thanks to the support of electronic checklists and 3D CAD models
- ▶ Accurate mapping of every defect and support to the repair team to solve every identified issue
- ▶ No paper in the shop-floor
- ▶ Defect contextualization with dimensional data
- ▶ Advanced web business intelligence and facilitated invoicing reports for customers
- ▶ Full process visibility
- ▶ No change management issues thanks to the very intuitive user interface

The Project

ATS first delivered a pilot project, where the standard functionalities of **ATS Inspect** were used as a basis to identify potential gaps in conjunction with the new MRO business processes. Having a pilot



on premise was crucial to let key users start using the software and acquire knowledge of the product. It also made the identification of the functional and technical gaps easier for the customer. The project then moved to the design and implementation of such gaps, in an iterative/agile manner. This allowed the customer to test and validate the implementation, point-wise, and to suggest improvements in a very collaborative way. The solution has been successfully implemented to support the business needs, in January 2018 the customer started their MRO service line with **ATS Inspect**.

Contact Us

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ATS Global is the *Independent* Solution Provider for Smart Digital Transformation, with over 30 years' experience in the manufacturing systems arena and a wealth of experience undertaking continuous improvement initiatives and manufacturing IT solution design, deployments and 24/7 support assignments.

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