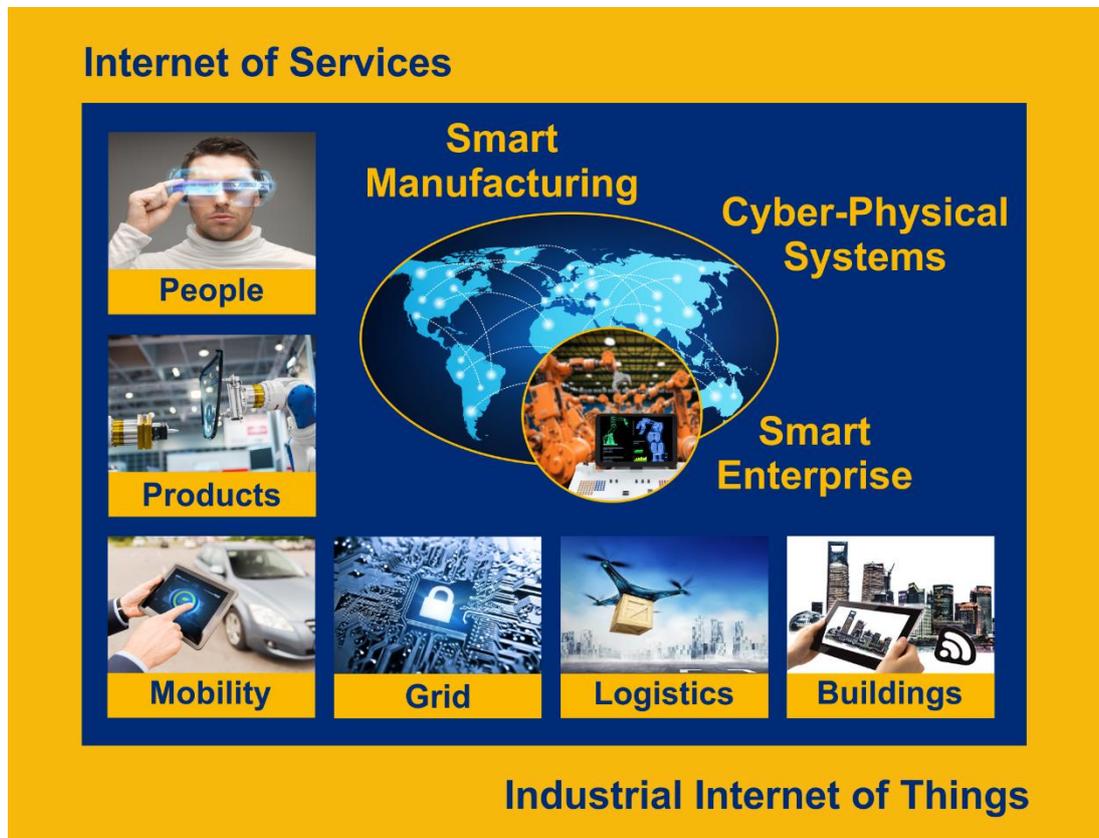




ATS Global B.V.

Improving Product Quality at a Medical Device Manufacturer: ATS Inspect at Trulife



Introduction

Trulife is a global business specialising in the fields of Prosthetics, Orthotics, Pressure Care, Breastcare and Clinical Services. With products that are so personal and essential to the customer they need to ensure that they deliver the highest possible quality every time.



That's why they implemented ATS Inspect at their Dublin plant where they manufacture Breastcare products. With ATS Inspect they were able to reduce the cost of quality while improving their right first time, preventing defective products from leaving the plant and protecting their brand reputation.

Purpose

One of the key requirements of Trulife was to improve the quality of the products leaving the plant while also reducing the amount of waste produced during the manufacturing process. This was to be achieved by improving the defect detection and repair processes.



They also wanted to replace their paper-based inspection system. Recording data on paper meant that a second person would then need to feed the data into a database which increased the possibility of human error. With

increasing production and a growing range of products it was becoming much more time consuming and greatly increased the time between data entry and data analysis

Solution Approach

ATS consultants worked closely with Trulife to develop a bespoke solution so that they could get the most out of the product. Five ATS Inspect data collection stations were setup on two manufacturing lines that handle multiple product lines.

Operators now use the intuitive user interface of ATS Inspect to enter visual defects directly onto an image of the product. They can then record further details about the defect to give repair teams the fullest picture possible.

As the data is being entered directly into the database it is available for analysis in real-time. The faster information can be fed back to the source of the issue, the

faster the issue can be resolved. The analysis provided is also more detailed than it had previously been as the exact location of the defect is stored with the defect details. This is essential information when trying to troubleshoot issues in the production process.

ATS provided complete onsite training to ensure that both the operators on the shop floor and the system administrators could use the solution effectively. Custom reports were also created to fit with the exact requirements of the plant.

"One of the unforeseen advantages was that our engineering team could spend time fixing issues than collecting data."

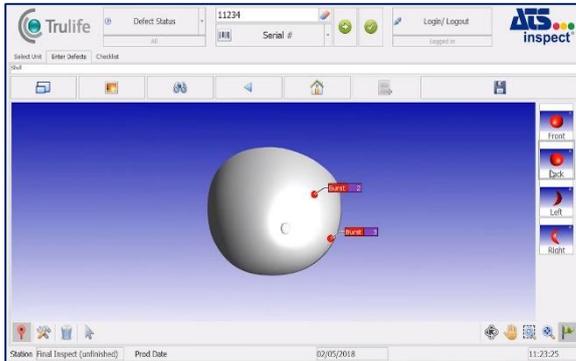
Eoin Redmond,
Operations Manager
at Trulife

The Results

The implementation of ATS Inspect gave Trulife a smart digital transformation of their



product quality inspection processes which presented many advantages. They now have real-time analysis of their product quality data anytime, anywhere. Combined with the



streamlined defect entry and repair processes, this has produced lasting changes in product quality.

The Product Reject Rate dropped from 17% to 10% in the first year with an eventual target of 9%.

Switching to a paperless solution also had the direct effect of reducing the site paper bill by 50%.

“With ATS Inspect we have real-time information available to us anytime, anywhere.”

Eoin Redmond,
Operations Manager at Trulife

This means that not only did ATS Inspect manage to increase quality and reduce waste but it was also able to pay for itself in under a year.

ATS Inspect is helping many medical device companies like Trulife improve their quality levels and will continue to collaborate with them so that they can present their customers with the best product possible.

ATS Global is the Independent Solution Provider for Smart Digital Transformation. Since 1986, ATS has been undertaking continuous improvement initiatives and manufacturing IT solution design, deployment and 24/7 support assignments delivering tangible business value to customers world-wide.

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