RELIMETRICS

SMART INVENTORY MANAGEMENT

ABOUT RELIMETRICS

Relimetrics is part of the Industry 4.0 movement, helping companies to digitally transform. Relimetrics is a platform solution applicable to numerous industries, including automotive, manufacturing, electronics and construction. Our software uses computer vision and machine learning to automate inspections and perform predictive maintenance. This increases productivity, cuts costs and helps companies to innovate at a more rapid rate.

OUR CUSTOMER

Our customer is a leading global supplier of formwork and scaffolding products in the construction industry. It is digitizing sorting and handling of returned articles in its rental businesses to have full traceability of quality before making decisions on article repair, reuse, and customer billing.

Relimetrics enables the inspection of a wide range of articles, and the training module allows customers to introduce new inspection points and modify existing ones for new or revised articles.

CHALLENGE

Our customer relies on manual sorting and inspection of articles returned to its rental sites and lacks ways to objectively assess damages. Damages caused by the renters are often overlooked, and renters are not charged for the incurred damage.

Increasing number of articles in our customer's portfolio increases labor time and complexity, leading to mistakes in sorting and counting. This is amplified further with differences in contract terms and conditions with the renters.

SOLUTION

Relimetrics provides a flexible and scalable image inspection solution, which can be managed directly by customers, for object recognition, counting and damage assessment. Interface modules enable connection to MES, ERP systems, enabling a closed loop inventory management process to be delivered to any production or rental facility. Relimetrics solution is hardware agnostic and can leverage existing hardware resources, allowing our customers to extract more value from their investment.

IMPACT

Fully Traceability of Defects
More accurate way to determine root causes

Significant Reduction
in inspection time

More than 99.9%
Probability of Detection