



## Case Study: Relimetrics

### Revolutionising defect detection in manufacturing

#### The case

Relimetrics provides AI-boosted quality assurance automation systems and software that detect defects during manufacturing and assembly processes. With the help of Relimetrics' product suite, ReliVision, quality management becomes more efficient, accurate and less expensive. ReliVision is a shop floor-ready software stack and can therefore be quickly integrated with any image acquisition hardware.

#### The challenge

With the increased customisation experienced in today's manufacturing, quality inspections are becoming increasingly more complex. Neither existing quality assurance (QA) staff nor QA automation solutions can keep up with the high production variability on the shop floor. Consequently, defects are frequently missed, resulting in costly rework and recall costs, as well as liability and reputational issues.

#### The solution

That's where Relimetrics' ReliVision steps in, enabling manufacturers to digitise inspections, creating full traceability of quality in all stages of production. By switching to Relimetrics, manufacturers benefit from enhanced product quality, increased productivity and higher throughput.

Munich Re's liability insurance cover adds additional security for Relimetrics' customers, as Munich Re backs up Relimetrics' expenses that derive from reimbursing the costs of hiring manual operators. Both of the following scenarios are covered under the plan:

- Mistakes in filtering out intact elements leading to unnecessary interruptions in operation.
- Failure to detect actual defects leading to loss of quality, damage to reputation and penalties.

For both scenarios, Relimetrics' customers have guaranteed performance backed by Munich Re. Ultimately, the performance guarantee gives peace of mind, and Relimetrics' customers can benefit from knowing that Relimetric's liabilities are backed by a company with financial security. This partnership creates a win-win situation: ReliVision customers get a disruptive AI-enabled quality automation solution while securing their ROI.

## Profile Munich Re

Munich Re is one of the world's leading providers of reinsurance, primary insurance and insurance-related risk solutions. Since it was founded in 1880, Munich Re has been known for its unrivalled risk-related expertise and its sound financial position. It offers customers financial protection when faced with exceptional levels of damage. Munich Re possesses outstanding innovative strength. The company is playing a key role in driving forward the digital transformation of the insurance industry, and in doing so has further expanded its ability to assess risks and the range of services that it offers.

The insurance for Relimetrics is underwritten by a primary insurance carrier of the Munich Re Group, which is an S&P AA-rated international insurance company, eligible to write surplus lines insurance in all US states. The policy is subject to exclusions, deductibles, and a policy limit. For more information, visit [www.munichre.com/insure-ai](http://www.munichre.com/insure-ai).

## Profile Relimetrics

Relimetrics empowers manufacturers with AI-based automation systems that guarantee defect detection accuracy and shop-floor availability. With hubs in Silicon Valley and Berlin, Relimetrics works with leading Fortune 500 companies, helping them digitise their quality assurance and assembly processes.

## Contact



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