

Leading Manufacturer Enhances Quality, Optimizes Stock Counts, and Boosts Throughput

Case Study: Risk, Supplier, Quality & EHS Management




Nulogy successfully replaced McCloskey International’s manual, paper-based audit & quality management system, previously reliant on spreadsheets, Word documents, and emails. By digitizing and automating compliance processes, Nulogy enabled McCloskey to optimize assessments, integrate risk management, and enhance efficiency across global operations. With real-time reporting, data-driven insights, and advanced issue tracking, McCloskey has significantly improved its ability to monitor and manage quality, EHS, supplier audits, and operational risk. The platform is now widely used across manufacturing, supply chain management, and global service engineering teams, ensuring greater visibility, consistency, and adherence to regulatory standards.

The McCloskey International Story


McCloskey International, a global leader in screening and crushing equipment, employs over 900 people worldwide and generates over €330M in annual revenue. Since its founding in 1985, McCloskey has built a reputation for high-performance, innovative solutions that have shaped the modern mobile screening and crushing industry. In 2019, it was acquired by Metso Outotec for €279M, a multinational industrial company serving the Mining, Oil & Gas, and Recycling sectors with over 14,000 employees across 50+ countries. As McCloskey expanded, its manual, paper-based compliance processes became a bottleneck, lacking real-time data access, automation, and scalability. These inefficiencies delayed audits, increased administrative overhead, and hindered collaboration. To address these challenges, McCloskey sought a comprehensive audit and risk management solution to improve efficiency, reduce stock count times, and streamline pre-delivery inspections (PDIs).




KEY CHALLENGES





Manual, paper-based audit processes hindered efficiency and compliance tracking.







Lack of integration with existing ERP systems led to data silos.







Time-consuming stock and cycle count verification.






Limited real-time visibility into risk, quality, and compliance trends.





Delays in pre-delivery inspections (PDIs) impacting operational timelines.





Lack of real-time collaboration with global service engineers.



NULOGY SOLUTION

Eliminated manual processes, enabling real-time oversight and compliance visibility across operations.

Developed API linkages to extend McCloskey’s ERP system. A mobile QR reader streamlined stock and cycle counts, reducing stock count time by 60%, improving accuracy, and enhancing financial control.

Consolidated data into an integrated inventory directory, reducing manual data entry and improving accuracy.

Executive dashboards provide instant insights into performance trends, compliance status, and emerging risks.

A dedicated template builder allows McCloskey to customize KPIs and benchmarks for PDIs. Automated workflows flag issues early, ensuring faster inspections and proactive issue resolution.

McCloskey’s global service engineers gained 24/7 access to real-time reports and risk assessments, eliminating reliance on paper. Offline capabilities ensure seamless data capture and sharing, improving efficiency across global teams.

RESULTS

*Based on typical industry outcomes

98%+

↑

stock accuracy, boosting annual revenues*

40%

↓

time savings per intake check*

40%

↓

less rework and waste*

Nulogy Impact:



Complete TQM Analysis with Power BI Integration

Nulogy's deep integration with Power BI enables predictive insights and performance tracking. With consolidated data and automated reporting, McCloskey can continuously improve quality processes, reduce waste, and maintain compliance across all operations.



Improved Quality Standards at a Lower Cost

Nulogy has cut McCloskey's Cost of Quality (CoQ) by automating workflows, reducing customer-facing failures, and eliminating manual processes. Real-time analytics provide actionable insights into quality trends, root causes, and performance indicators.



QR-Enabled Mobile Stock Counts with No Plant Downtime

By integrating a mobile QR reader with McCloskey's ERP system, Nulogy eliminated manual stock counts, ensuring zero lost production days and optimizing inventory management.



Significant Reduction in PDI Inspection Time

PDI's are now streamlined with customizable templates and automated issue-tracking workflows. Early defect detection reduces manual checks, accelerating inspections while maintaining the highest quality standards for outbound products.



Seamless Global Collaboration with Service Engineers

Nulogy's real-time access and offline capabilities empower McCloskey's global service engineers to instantly retrieve and update reports from anywhere. This eliminates paper-based delays, enabling efficient collaboration across North America, Europe, and Asia.



"The team is responsive and quick to our needs. There's an underrated passion around the development of the solution. I dread to think what our operations would be like without implementing Nulogy. We're working to introduce Nulogy into other departments."

- Natalie Regan,
EHS Manager at McCloskey



Why Nulogy?

Nulogy helps manufacturers produce better quality products first time by standardizing workflows, identifying quality issues early, and providing real-time insights to prevent defects and rework.

Total Quality Management

Nulogy automates and standardizes quality processes, providing real-time insights to reduce defects, minimize rework, and ensure compliance, driving continuous improvement and operational excellence.

Templatized Assessments

Customizable templates streamline audits, ensure consistency, and automate reporting, enabling faster, more accurate assessments while improving efficiency and decision-making.

"The team is proactive and highly supportive. The system provided invaluable help during our year-end stock count, integrating QR code scanning for IOS and Android assessments. Their dedication made all the difference."

- Martin Clements, Business Improvement Manager at McCloskey



To learn more about how Nulogy's cloud-based platform can deliver value to your manufacturing operation, contact us: