



Impact of Real Time Data with Integrated Systems

The Molder's investment in ProFile paid off significantly. By leveraging technology, they transformed their operations, improved decision-making, and gained a competitive advantage.



Client Profile

Company: Global Automotive Tier 1

Industry: Automotive Manufacturing

Challenge: Inefficient production and preventive maintenance management due to disparate manual systems, lack of visibility, and poor communication.

Challenges

Legacy Systems: Relied on manual processes like Excel spreadsheets and weekly cycle gathering to manage PMs and generate KPIs.

Visibility Gap: Lack of real-time visibility into asset status and metrics.

Communication Hurdles: Poor communication between shifts and different reporting systems for various roles.



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Solution

Unified System integration: Implemented an integrated system that combined preventive maintenance (PM), key performance indicators (KPIs), and real-time asset tracking, which replaced independent tools and Excel spreadsheets.

QR codes and Real-Time Tracking: Assets were assigned Tags with QR codes, and then ProFile, an industry-specific system, tracked the assets' location, status, and metrics in real-time, simplifying audit processes and asset reconciliation.

Tailored Access and Collaboration: Role-based access ensured the right people received relevant information and teams collaborated seamlessly, saving time and increasing productivity.

Data-Driven Decision-Making: Automatic calculation of KPIs provided better insights to make informed decisions and improve efficiency.

Scalability and Competitive Edge: The system scaled as the company grew and the Molder added locations, allowing it to gain a competitive edge by maximizing asset utilization.

Results

Cycle Time Savings: 14%-19% due to streamlined processes.

Cost Reduction: Reduced unscheduled mold stoppages, saving over \$175K annually. Decreased rejects/scrap rates by 15%-20%.

Increased OEE: Overall Equipment Effectiveness up by 10%-12%.

Return on Investment (ROI)

The Molder achieved an ROI in 9 months. Since then, implementation has spread to 5 facilities with 6 figure savings annually.