

ISE

customer case study



Maintaining a Legacy of Superior Quality and Service with MV2 MES

Founded in 1844, Schrader International invented the industry standard tire valve in 1898, which is still used on all motor vehicles today. In the 1950s, Schrader developed the tubeless tire valve, eliminating the need for inner tubes on car and truck tires. Today, Schrader sells products to two major markets: the automotive original equipment manufacturers, companies that produce parts and components for new motor vehicles, and retailers of replacement parts known as the aftermarket.

Challenges

Lack of Visibility into Work-in-Progress (WIP)

Despite a strong market presence and a skilled workforce, Schrader's production floor lacked real-time insight into WIP. This lack of transparency made it difficult to monitor progress, causing inefficiencies and production delays.

Disjointed Processes and Information Silos

Each department operated independently with little coordination, leading to fragmented information and misaligned efforts. The absence of a unified system meant that employees didn't see how their tasks fit into the broader production process.

No Structured Scheduling or Order Tracking

Orders were being created without defined start or due dates, making production planning unpredictable. Without a scheduling system, it was nearly impossible to track progress or ensure timely delivery, hindering overall operational control.

Solutions

Real-Time Visibility and Shop Floor Control

Schrader implemented MV2 MES to eliminate the "black hole" on the production floor. Real-time labor and production reporting replaced paper-based systems, giving teams instant insights and significantly improving shop floor oversight.

System Integration and User Buy-In

By rolling out the system gradually, Schrader gained strong user acceptance and broke down departmental silos. The software's ease of use and value were quickly recognized, creating company-wide demand and promoting collaboration.

Improved Accuracy, Efficiency, and Quality

MV2 MES tied production and inventory systems together, boosting inventory accuracy by 50%, reducing scrap by up to 40%, and enhancing the estimating process. Barcode labeling improved part traceability, and faster access to data enabled quicker, more confident decisions.

Scott Kadak, IT Manager

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From deployment through customer support, we have been extremely pleased with ISE. I would highly recommend MV2 MES to anyone who is in the market for a similar solution. On a scale of one to ten, ISE definitely rates a ten.

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