

The Digital Transformation Story of the Construction Industry

Maxion Wheels Succeeded

With over 100 years of global expertise, Maxion Wheels is a world-leading manufacturer of steel and aluminum wheels for the automotive sector. Focused on operational excellence and high-tech production, the company integrated ProManage MES to transform its high-capacity manufacturing into a fully transparent and data-driven digital ecosystem.



SOLUTIONS IMPLEMENTED

- ProManage MES/MOM
- ProManage ProGuard
- ProManage Document Module
- ProManage Open
- ProManage Energy Module
- ProManage Andon
- ProManage Quality Module
- ProManage Label Module
- ProManage ProData Module



REASONS FOR THE NEED

- Replacing manual tracking with accurate real-time data.
- Aligning all teams from shop floor to management.
- Increasing 50% OEE levels to maximize capacity.
- Agility to handle small-batch orders efficiently.
- Sustainable cost reduction and waste identification.
- Digital controls to prevent recurring problems.



MOTIVATION FOR CHOICE AND KEY DETAILS

- Field-Proven Leadership.
- Rapid Integration Capabilities.
- High Data Reliability & Accuracy.
- Operational Ease for Shop Floor.
- Sustainability of Improvements.
- Compatibility with Six Sigma & Lean.



EXPERIENCES GAINED

- Vital role of management support and monitoring.
- Reducing resistance via volunteer teams and pilots.
- Early involvement of operators and engineers.
- Building trust through measurable pilot results.
- Simplified operations reducing stress and workload.



WHAT PROMANAGE DELIVERED

- OEE increased from 50% to 70–75%.
- Setup times slashed from 180 to 30 minutes.
- Faster response to small-batch order demands.
- Systematic management of annual cost targets.
- Accelerated Kaizen and Six Sigma action cycles.
- Continuous monitoring of all improvement efforts.

KEY GAINS



OEE Increase:
50% to 75%



360° Data
Transparency



High Operational
Agility



Setup Time:
180 min to 30 min



Sustainable
Cost Reduction



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When production data is collected accurately, everyone becomes aligned; production management becomes transparent, and project decisions accelerate.”

Emine Uslu
EMEA Operational Excellence and Quality Director

