

The Digital Transformation Story of the Construction Industry

Unigen Succeeded

With over 20 years of experience, Unigen Building Materials is a leading manufacturer of commercial flooring and raised floor systems. Operating its production in Düzce with brands like Onto and Preto, the company partnered with ProManage to eliminate "operational blindness" and establish a modern, data-driven manufacturing structure focused on continuous improvement.



SOLUTIONS IMPLEMENTED

- ProManage MES/MOM
- ProManage ProGuard
- ProManage Open Module
- ProManage Chat Report
- ProManage Insight Master



REASONS FOR THE NEED

- Eliminating "operational blindness" caused by manual tracking.
- Breaking the productivity barrier (starting OEE of ~20%).
- Reducing the manual reporting burden on supervisors and operators.
- Obtaining precise data for Lean transformation and Kaizen goals.
- Transitioning from reactive to proactive machine maintenance.



MOTIVATION FOR CHOICE AND KEY DETAILS

- Cloud-Based Infrastructure.
- Rapid Machine Integration.
- Lean Transformation Compatibility.
- Customizable Reporting Tools.
- IT-Independent Deployment.



EXPERIENCES GAINED

- Rapid adaptation across all levels from operators to engineers.
- Elimination of manual forms without adding operator workload.
- Maintenance teams managing systems without a full-time IT department.
- Establishing a unified "data language" across all departments.
- Increased engagement through real-time performance visibility.



WHAT PROMANAGE DELIVERED

- OEE surged from 20% to 77% through digital and Lean efforts.
- Full investment payback (ROI) achieved in an incredible 10 days.
- Up to 3x capacity increase at specific production stations.
- Transparent performance-based bonus system linked to real data.
- Shift from manual data collection to value-added analysis.
- Real-time remote monitoring via mobile app for managers.

KEY GAINS



OEE Surge:
20% to 77%



ROI Achieved in
10 Days



Cloud-Based &
IT-Independent



Real-Time Maintenance
Monitoring



3x Capacity Increase
at Stations



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With ProManage, our production efficiency increased from 20% to 77%. Our investment paid for itself in just 10 days.

Meltem Özkan
Unigen | Production Planning Specialist

UNIGEN