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CASE STUDY

Manufacturing



Shop Floor Digitalization Solution for Intelligent Maintenance Management (TPM)

Implemented in: Regional

Challenge:

Reduce reliance on manual processes and historical data, standardize maintenance across plants and regions, and increase operational efficiency by enabling the scalable adoption of TPM practices through a simple, user-friendly technology platform.

Solution:

- Digitized shop floor maintenance processes to standardize and harmonize operations.
- Implemented a single platform to support the adoption of TPM as an operational excellence model.
- Automated manual activities and enabled real-time integration of operational data.
- Scaled the solution across multiple plants, adapting it to regional operational requirements.

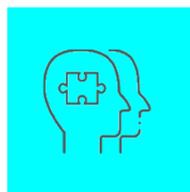
Benefits:



Full traceability of maintenance processes and **improved operational control.**



Significant reduction in inspection time and **elimination of paper-based processes.**



Over 50% reduction in rework related to **maintenance activities.**



More stable, predictable, and **efficient operations.**



Cost reduction through a focus on **preventive and proactive maintenance.**

Tags: Manufacturing; TPM; Industrial Maintenance; Digital Shop Floor; Operational Excellence; Automation; Industry 4.0.