

EXLATHENA — ENTERPRISE BRIEF

Case Study — Global Discrete Manufacturer

Anonymized enterprise pattern: demand + PdM + MES constraints on one fabric.

Context

Multi-plant discrete manufacturer with fragmented demand planning and reactive maintenance. Twin spreadsheets for capacity. No named customer.

Challenge

Forecasts ignored live downtime and routing. Expedites were meeting-driven. Asset risk never reshaped the MPS.

Approach

Stood up knowledge-graph fabric on ERP/MES; first modules: master data health, demand planning, predictive maintenance linked to capacity.

- Mapped BOM, routing, work centers
- PdM RUL into capacity plans
- Planner-approved write-back

Outcomes (qualitative)

Single executable plan object; fewer firefights between planning and maintenance; clearer next-best actions for expedite vs wait.

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