

EXLATHENA — ENTERPRISE BRIEF

Case Study — Physical AI & Predictive Maintenance

Anonymized plant pattern: shop-floor sensing and PdM closing the loop into planning.

Context

Process-heavy plant with vision/robotics signals and CMMS PdM that never touched MRP promises.

Challenge

Physical AI alerts and PdM RUL were dashboard orphans. Customer promise dates ignored emerging capacity loss.

Approach

Joined MES, PdM, and order graph; decision recommendations for plan shift and spare PO with human approval.

Outcomes (qualitative)

Capacity impact visible before failure window; maintenance and planning shared one decision object.

Request a workshop: info@exlathena.com · Download library on Resources