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INTEGRATING AI SAFELY IN INDUSTRIAL OPERATIONS

5 OT AI MYTHS THAT CREATE OPERATIONAL RISK



Myth: An IT AI policy covers OT

Reality: OT AI requires defined ownership, approved uses, safety boundaries and clear accountability.



Myth: Operations will continue normally if AI fails.

Reality: Facilities need safety rollback procedures and tested recovery plans for AI outages or unsafe behavior.



Myth: Updated AI is safe AI.

Reality: AI-supported operational decisions require human validation, defined limits and safe fallback procedures.



Myth: Vendor testing proves an AI system is ready for OT.

Reality: AI must be validated against your production conditions, edge cases and safety scenarios before deployment.



Myth: An approved AI tool is safe to install "out of the box" into OT.

Reality: OT AI integrations require segmentation, least privilege and strict control over data access and operational actions.

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