Full Plant Digital Transformation

Industry: Logistics & Supply Chain

Client: Precision Manufacturer, Europe

The Challenge

- ✓ Siloed systems, no data sync
- ✓ Manual production reports
- ✓ Reactive planning
- ✓ Idle machine time

Our Approach

- ✓ IIoT gateways on all machines
- ✓ Real-time data sync with MES
- ✓ Digital twin for line simulation
- ✓ AI for predictive planning

Key Solutions

- ✓ Smart KPI Dashboard
- ✓ Unified Machine Connectivity
- ✓ AI-Powered Downtime Analysis
- ✓ MES + ERP Integration

Tech Stack

SIEMENS | Azure | TensorFlow | kafka

Impact Summary

Metric	Before	After
Visibility	Disconnected	Real-Time
Downtime	18%	9%
Planning System	Spreadshee	MES-Driven
On-Time Fulfillment	70%	95%

Results at a Glance

35%	45%	100%	30%
OEE boost	less downtime	eal-time data	faster throughput

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Ahmedabad | Rajkot | Nadiad | Delhi | Bhopal | Pennsylvania | Toronto | London

Phone:
+91 98983 30717
+1 323 455 4591

Email:
hello@qematic.com

Website:
www.qematic.com

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