



Meet us at Next '26 – Booth #2311

CONNECTED FACTORY ANALYTICS: EDGE-TO-CLOUD INTELLIGENCE FOR SMART MANUFACTURING

The Connected Factory Analytics demo shows how industrial telemetry from manufacturing equipment can be captured at the edge and transformed into real-time insights in the cloud.

Using the Google Cortex Framework and modern analytics tools, manufacturers gain visibility into production performance, quality deviations, and operational efficiency.

Key capabilities

- Real-time production KPI monitoring across manufacturing processes
- Process deviation detection and predictive maintenance insights
- Cloud-based production optimization powered by industrial telemetry

Manufacturing analytics in action

- By tracking manufacturing process metrics, the solution enables a broader range of analytics workloads, including:
- Cost of quality analysis
 - Yield control and optimization
 - Stock and production monitoring

Turning raw industrial telemetry into real-time manufacturing insights.

Industries

- Manufacturing
- Supply Chain & Industrial Operations

How are Google Cloud Technologies represented in this demo?

- Google Cortex Framework: Google MDE, BigQuery, Cloud SQL, GKE, Pub/Sub, Looker

MEET OUR EXPERTS



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