

PRODUCTION CONTROL TOWER

Get the analytics you need. Spin up your manufacturing production control tower within minutes.

THE PRODUCTION CONTROL SIMPLIFIES YOUR DATA COLLECTION PROCESS



MAP YOUR DATA FORMAT



EXTRACT IT INTO A CSV FILE



PERFORM A STANDARD FILE UPLOAD



THE PRODUCTION CONTROL TOWER CAN:



Offer various data pipelines, automating the flow of data into our solution.



Execute queries from your MES, SCADA, or ERP systems.



An integration with visual inspection solutions to capture that additional data.



Leverage low-code solutions to digitalize data capturing.



Provide support for adapters and connectors for automated data capture.

USE CASES

1

FACTORY PRODUCTION METRICS ANALYSIS

Examine factory metrics, such as OEE, performance, and quality, to gain high-level insights into factory operations.

2

PRODUCTION QUALITY METRIC ANALYSIS

Assess production quality metrics, such as scrap rates and first-pass yield, at the factory or production line level. Conduct detailed root cause analyses by exploring defect counts, their categories, consequences, and costs.

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3 OEE METRICS ANALYSIS

Evaluate overall equipment efficiency (OEE) metrics and their components (availability, performance, quality) at the factory or production area/line level. Conduct a detailed root cause analysis of OEE by delving deeper into equipment downtime/uptime details.

4 PRODUCTION QUALITY CHECKLIST PREPARATION

Develop digital procedures and checklists to guide the production quality inspection process.

5 PRODUCTION QUALITY CHECKS

Enable operators or quality engineers to perform production quality inspections using digital solutions.

6 QUALITY ISSUE REGISTRATION

Empower operators or quality engineers to log quality incidents into digital solutions, assign necessary actions, and conduct root cause analyses.

7 PRODUCTION QUALITY DATA COLLECTION

Gather data from digital quality inspection solutions to analyze quality metrics and generate corrective actions.

8 PRODUCTION DATA COLLECTION AND INTEGRATION

Collect data from various sources and digital solutions to facilitate end-to-end production data analysis (Production Control Tower)

WHY SOFTSERVE

STABILITY

30 YEARS

of award-winning service

EXPERIENCE

20,000+

complex projects completed

EXPERTISE

12,000+

engineers, consultants, and designers

TRUST

83 NPS

leads the industry

RETENTION

90%+

client retention (many for more than 20 years)

READY TO GET STARTED? REQUEST A DEMO

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