

DataQI

Turn Manufacturing Data into Insight, Knowledge, and Action

DataQI is a **Manufacturing Optimization Solution** purpose-built for manufacturers to increase yield and reduce waste. It connects data, documents, and workflows across the business to deliver real-time visibility, trusted knowledge, and intelligent automation.

The Result: faster decisions, less downtime, and continuous operational improvement at scale.

One Platform – Three Integrated Solutions

How It Works Together



DataQI Insights – See More

A real-time manufacturing intelligence layer that gathers data from machines and systems to deliver clear visibility into performance, downtime, quality, and OEE (Overall Equipment Effectiveness).

What it delivers

- Live dashboards across lines, sites, and factories
- Faster root-cause identification for downtime and quality issues
- A single source of truth for operational performance

Business impact

- Improvement of OEE and throughput
- Reduction in downtime
- Increase in quality

DataQI Assistant – Know More

An AI-powered knowledge platform that unlocks information trapped in manuals, procedures, and documents. Assistant gives teams instant, trusted answers through a simple conversational interface.

What it delivers

- Instant access to maintenance, safety, quality, and technical documentation
- AI answers with transparent references to source documents
- Faster document drafting using existing company knowledge

Business impact

- Improved employee training and reduced reliance only on key experts
- Faster issue resolution on the shop floor
- Improved knowledge retention and consistency

DataQI Agent – Do More

The automation and action layer of the suite. Agent continuously monitors operations, detects issues, and executes AI-driven workflows across data, systems, and teams while intentionally including humans in the loop to ensure proper compliance and governance.

What it delivers

- Autonomous monitoring of OEE, quality, and anomalies
- Automated reporting, alerts, and escalation workflows
- End-to-end automation that spans data, knowledge, and decision logic

Business impact

- Earlier detection of production issues
- Reduced manual monitoring and reporting
- Scalable, consistent execution of best practices



(VIDEOS) DATAQI USE CASES FOR MANUFACTURING:
<https://www.youtube.com/@DataQ-I/playlists>

- Preventative maintenance and downtime - [How AI Prevents Manufacturing Downtime \(3:43\)](#)
- Proactive quality management - [Can AI Prevent Quality Issues Before Parts Go to Scrap? \(3:30\)](#)
- Interact with knowledge base - [Why Engineers Waste Hours Searching Manuals \(And How AI Fixes It\) \(3:30\)](#)
- Prevent quality issues – [How AI Monitors Your Factory So You Don't Have To \(3:04\)](#)
- Executive overview of [DataQI Manufacturing Optimization Solution for manufacturers \(11:01\)](#)