



DataQI

Purpose-built Manufacturing Optimization Solution

Real-world use cases and outcomes

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January 27, 2025

Outcomes First, Technology Second

Prescription before diagnosis is malpractice

Identifying the problem is 50% of the solution
We listen, understand, diagnose and then we prescribe

What does GREAT look like for manufacturers?

See More

- Complete visibility
- Improved OEE
- Reduced downtime

Know More

- Intelligent chats
- Intelligent search
- Private AI

Do More

- Amplify people
- Automate outcomes
- Increase productivity

DataQI

The platform that unlocks the power of AI for Manufacturers

Insights

See More

Enrich & contextualize data to unlock industry-specific outcomes.

Assistant

Know More

Transform data into action with custom and pre-built assistants.

Agent

Do More

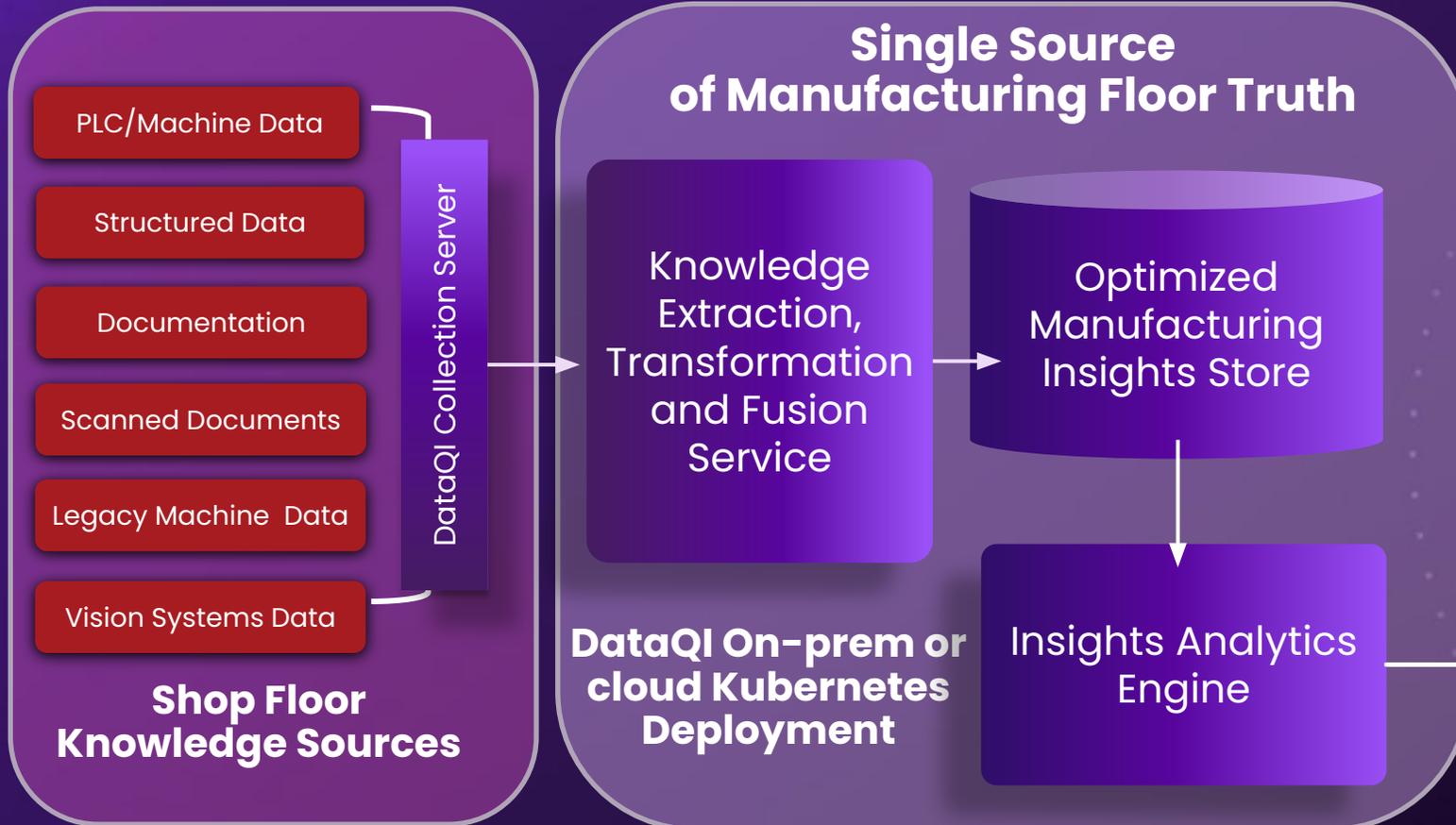
Executes complex tasks with coordinated, industry-specific AI agents.

Your MES runs the factory. DataQI MOS helps you learn from it and take action

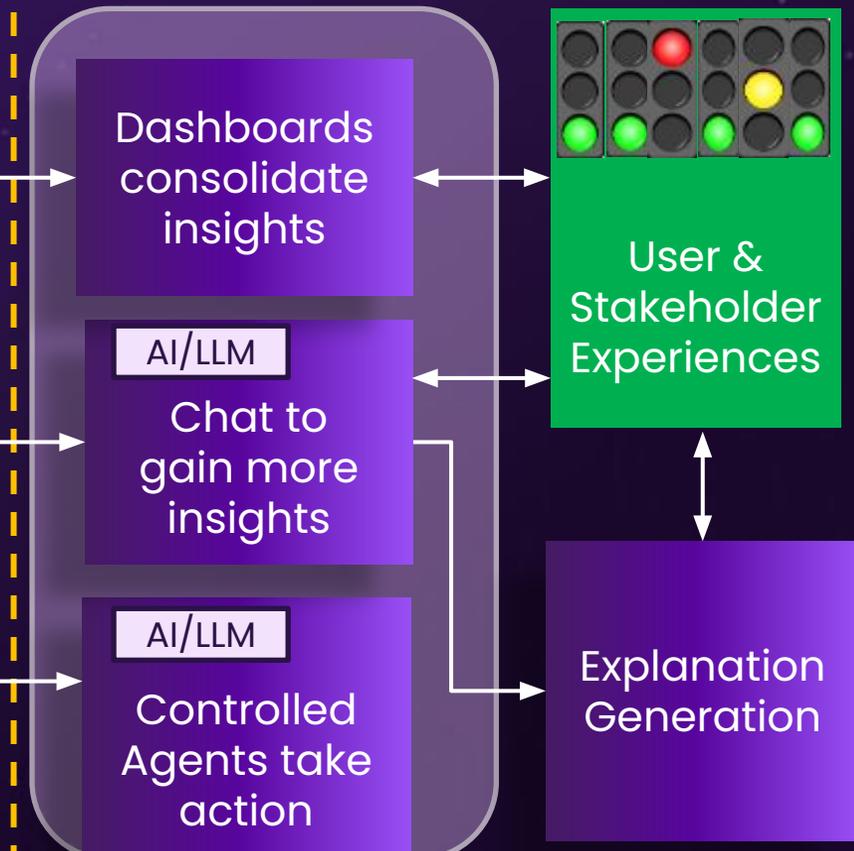
	Typical MES	 DataQI MOS (Manufacturing Optimization Solution)
Focus	Executes and records production transactions in real time.	Historical and real-time production data to drive improvement.
OEE & KPIs	Calculates OEE at line or cell level, often with local definitions.	Standardizes, contextualizes, and compare across lines, shifts, products, and sites.
Historical Analysis	Limited long-term history; optimized for execution performance.	Deep historical storage and trend analysis.
Production Flow	Manages and enforces work order flow.	Visualizes how work orders move and perform across the shop floor.
Insight & Actionability	Shows what happened.	Explains why it happened.

DataQI Manufacturing Optimization Architecture

Real-time Data Collection & Normalization



Extract & Act on Insights





DataQI

Use Cases



DataQI Manufacturing Use Case Videos



<https://www.youtube.com/@DataQ-I/playlists>

DataQI - Use Cases
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- FULLY AUTOMATED** How AI Monitors Your Factory So You Don't Have To
3:04
DataQI
- CAUGHT EARLY** Can AI Prevent Quality Issues Before Parts Go to Scrap?
3:30
DataQI
- EVERY SECOND COUNTS** Why Engineers Waste Hours Searching Manuals (And How AI...
3:30
DataQI
- BEFORE IT FAILS** How AI Prevents Manufacturing Downtime
3:43
DataQI

AI MADE FOR MANUFACTURERS AI That Works for Manufacturers - NYC AI Networking Summit
11:02
DataQI

DataQI Use Case Videos (3-4 min each)

- Prevent quality issues – How AI Monitors Your Factory So You Don't Have To
- Proactive quality management – Can AI Prevent Quality Issues Before Parts Go to Scrap?
- Interact with knowledge base – Why Engineers Waste Hours Searching Manuals (And How AI Fixes It)
- Preventative maintenance – How AI Prevents Manufacturing Downtime

DataQI Overview (11 min)

- AI That Works for Manufacturers – NYC AI Networking Summit

Three Common Challenges

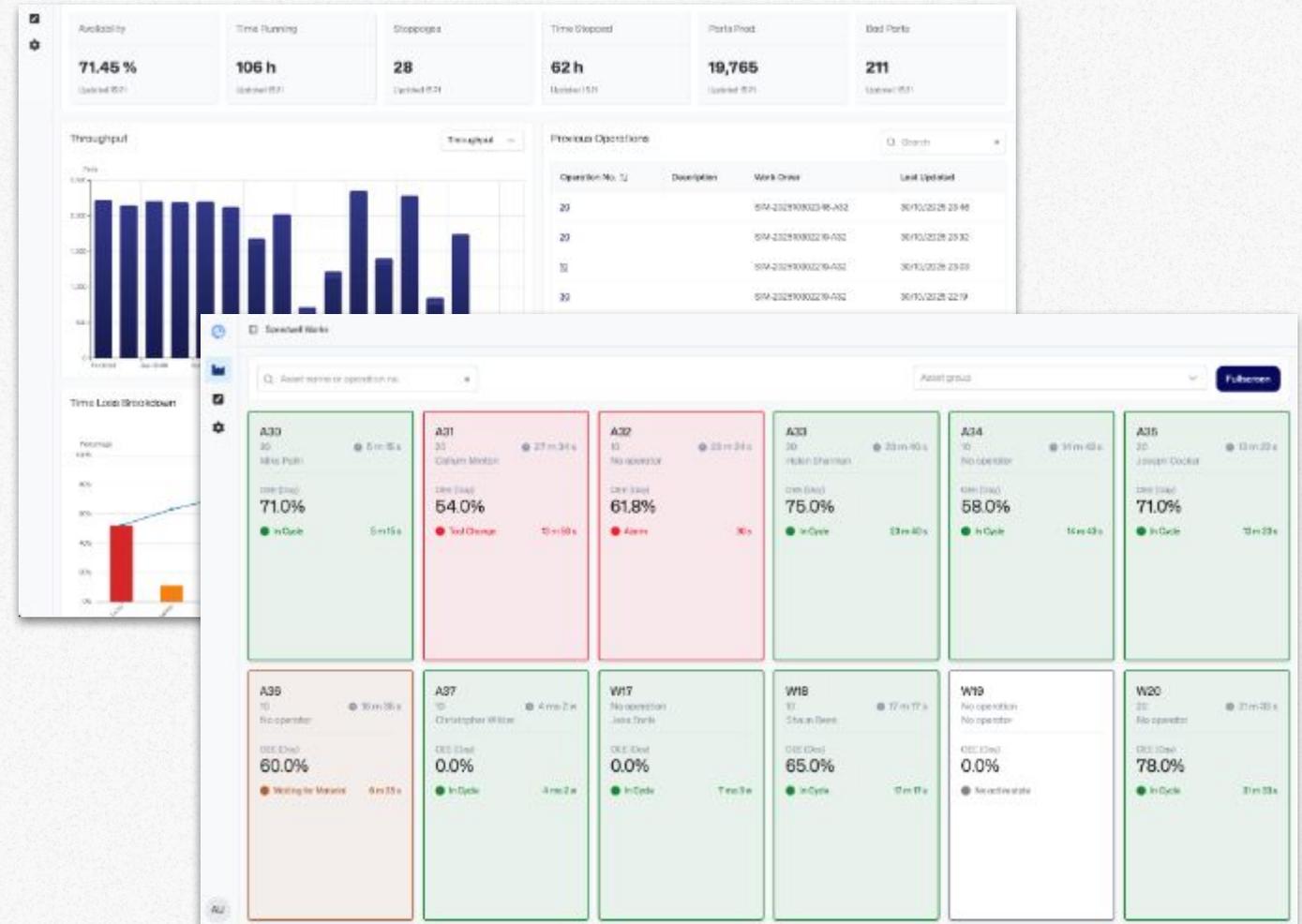
- **Waste that's only visible after it's happened.**
Downtime, quality losses, and performance drift are discovered late, making root cause hard to pin down and improvement reactive.
- **Operations that depend on a few key people.**
The knowledge to fix problems exists, but it's locked in documents, systems, or the heads of experienced staff.
- **Decisions made in isolation.**
Sales, planning, and procurement work from assumptions instead of what's actually happening on the shop floor.



Real Time View

DataQI Insights' live data is updated in real-time that gives all users an understanding of what's happening, when it happens.

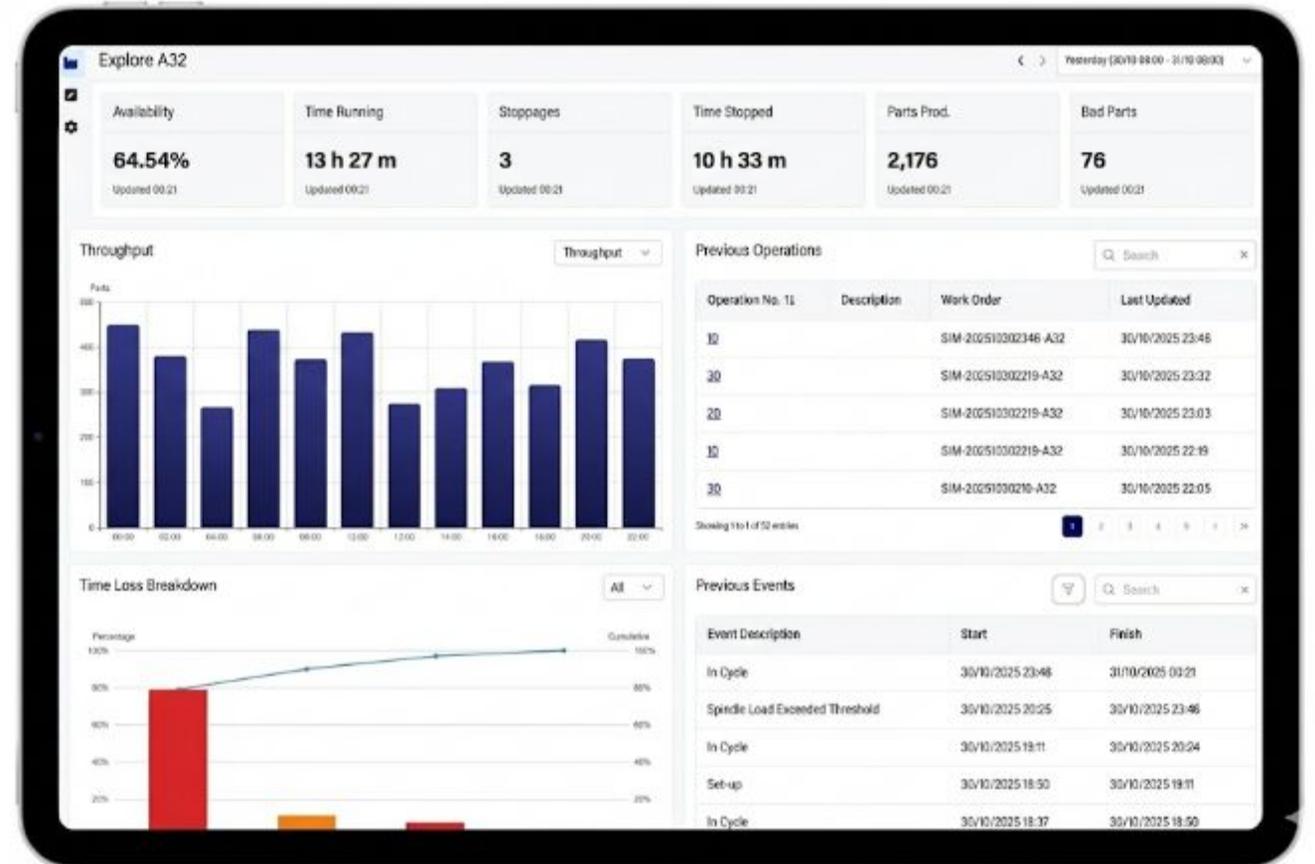
As situations change, everyone from sales to planning to the shop floor can be confident their decisions are based on reality.



Find the Root Cause

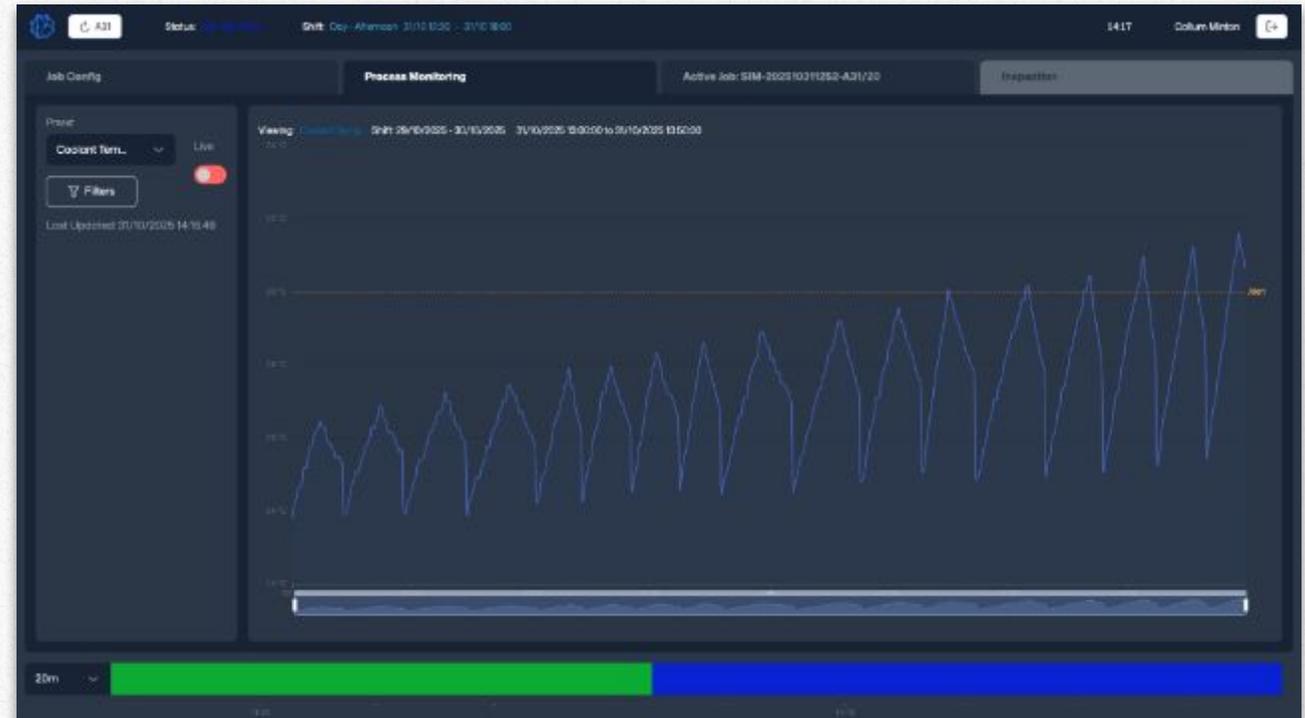
DataQI Insights provides live visibility into alarm patterns and performance metrics, while **DataQI Assistant** surfaces explanations from manuals and logs to clarify not just what happened, but why.

Trends and detailed analysis **clearly visible** instantly for any asset.



Proactive Detection

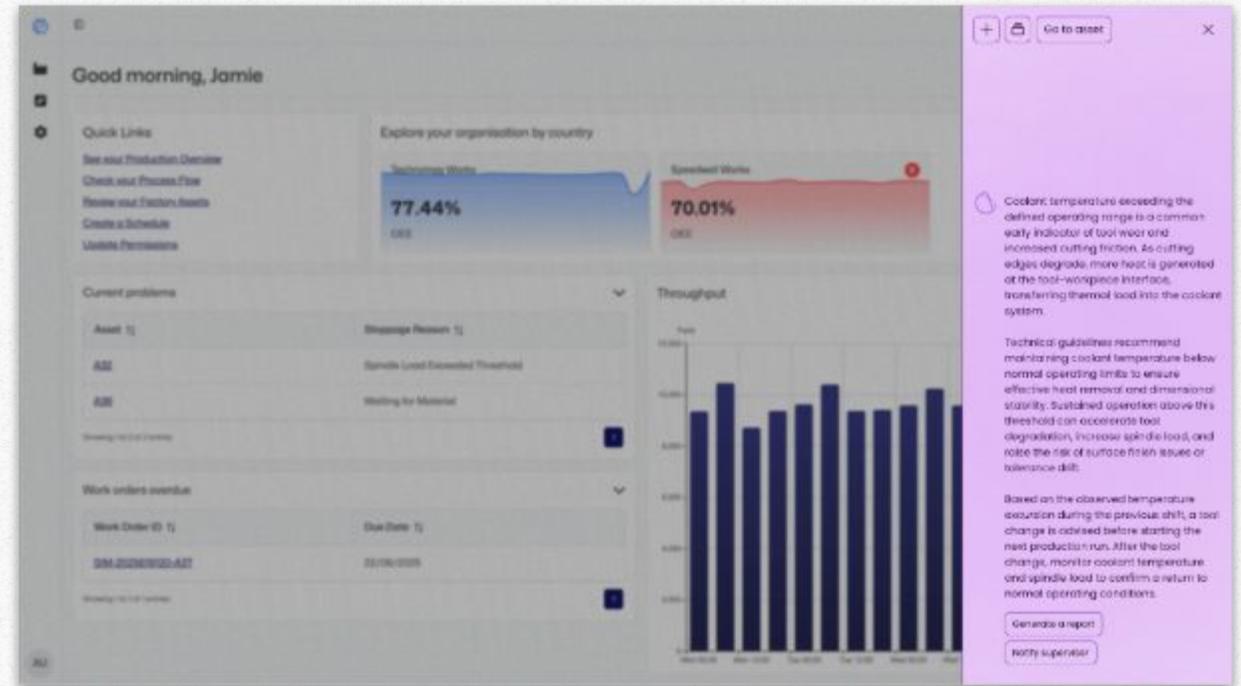
Instead of waiting for downstream defects, **DataQI Agent** monitors for significant drifts and flags early warning signs. It triggers alerts or workflows for quality teams before defects accumulate, allowing for intervention at the right moment.



Proactive Alerting

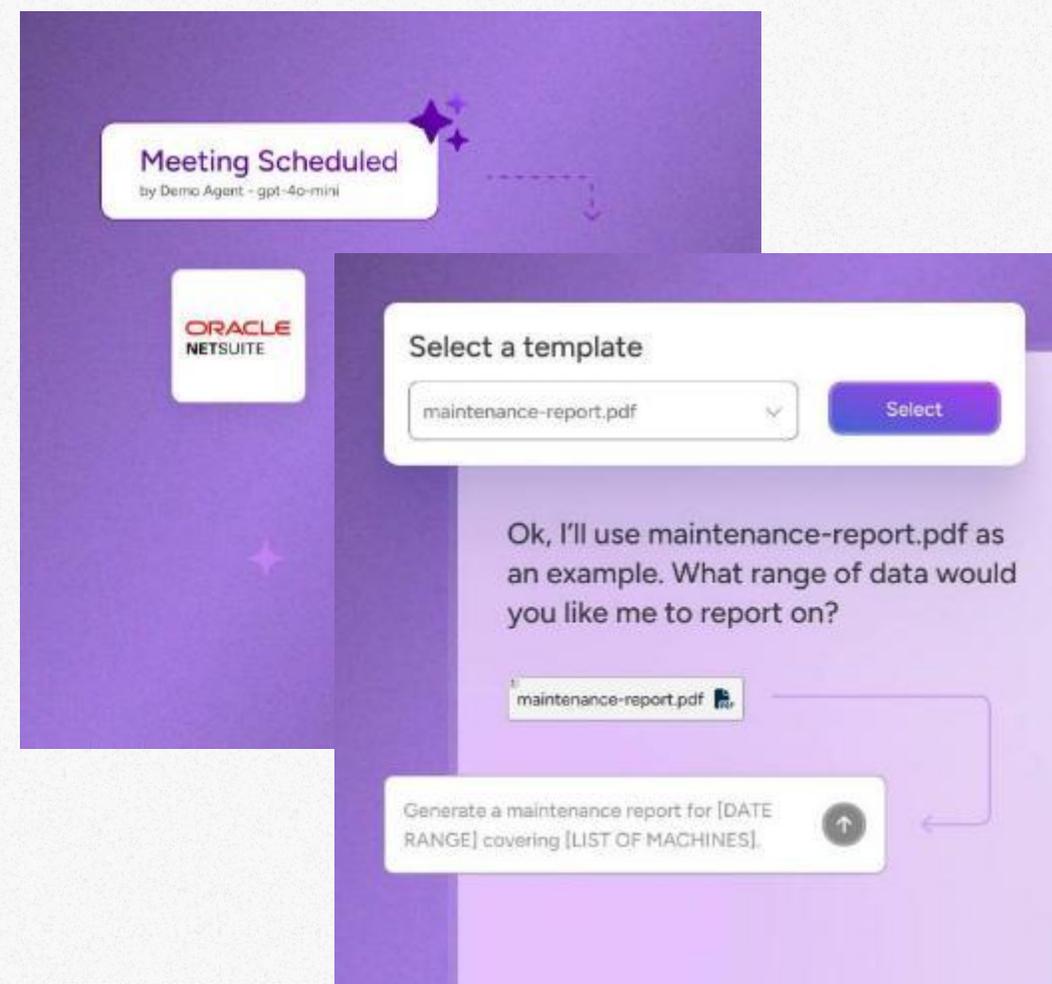
DataQI Agent continuously monitors conditions in the background, detecting deviations the moment they form and proactively alerting the right teams.

Every machine connected and issues displayed in **real time**.



Automated Reporting

Routine daily or weekly reports are generated automatically by **DataQI Agents**, which frees skilled staff for higher-value work and ensures efficient, standardized information handover between teams.



Institutional Knowledge

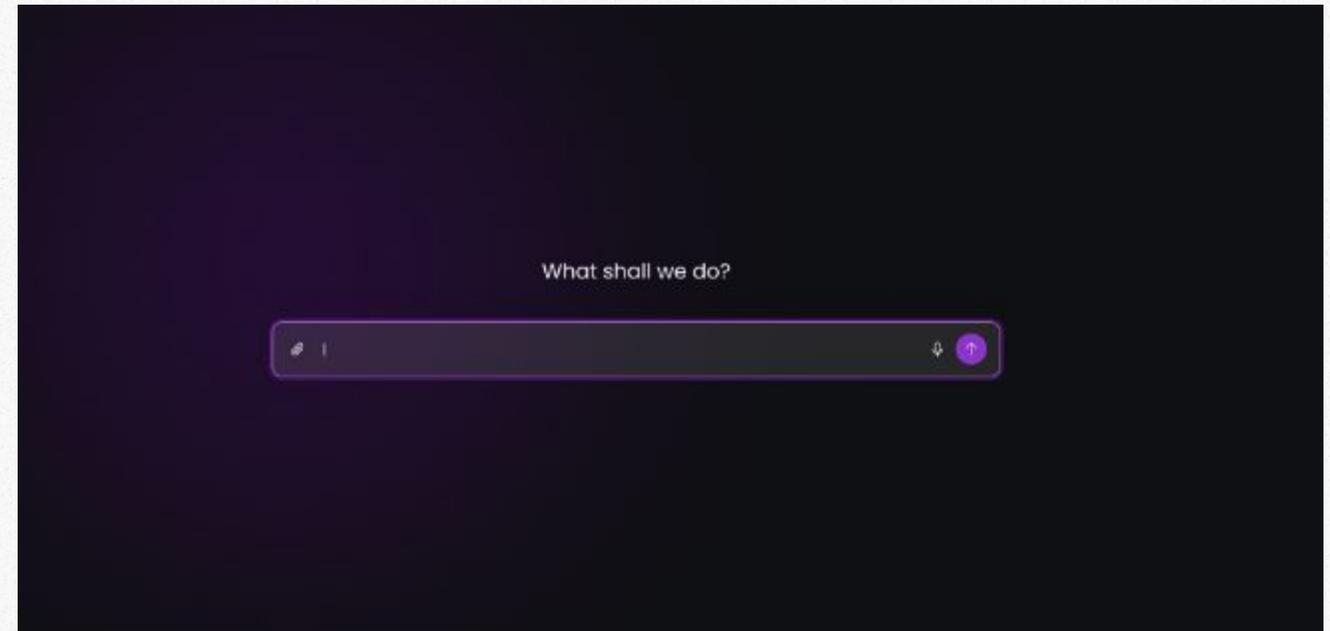
DataQI Assistant eliminates the reliance on "expert memory" by providing instant access to past investigations, SOPs, and technical documents that explain expected behaviour or known failure modes.



Data Democratized

DataQI Assistant provides natural language interface that enables to ask the questions they want to ask in the way they want to ask them.

A personal expert that can translate and synthesize data in a way that can be understood across the organization.



Verified Insights

DataQI ensures users always access verified, up-to-date information, removing the risk of relying on outdated versions or guesswork.

