INSIGHT HUB

The platform to monitor, analyze, and optimize manufacturing operations

Insight Hub collects, analyzes, and visualizes real-time operational data, transforming it into strategic insights to optimize efficiency, reduce costs, and improve production quality. Its intuitive interface simplifies the monitoring of KPIs and business performance.

With direct connectivity to machines, sensors, and enterprise systems, Insight Hub provides a clear and detailed overview of the entire production process. Featuring advanced analytics and artificial intelligence, it supports fast, informed decisions and enables true Digital Manufacturing.

Why choose Insight Hub?

| Real-time production monitoring	Predictive analytics and operational optimization	Customizable dashboards and intuitive data access	Seamless integration with enterprise systems
Insight Hub collects and displays up-to-date data from every machine and production process. This enables immediate response to anomalies, optimizing production and improving resource management.	Powered by AI and advanced analytics algorithms, Insight Hub predicts failures, enhances maintenance planning, and reduces downtime, increasing overall plant productivity.	Each user can configure interactive dashboards tailored to their needs, with clear visualization of business KPIs. Data is accessible in real time from any device, improving cross-team collaboration.	Insight Hub easily connects with existing business systems such as MES and ERP, ensuring continuous, uninterrupted data flow. This eliminates information silos and improves process consistency.

Insight Hub, Siemens' industrial IoT application suite for decision-making enhancement, now includes the new AI for Everyone feature, allowing users to leverage time-series data from connected IoT assets to generate forecasts.

The strategic value of Insight Hub
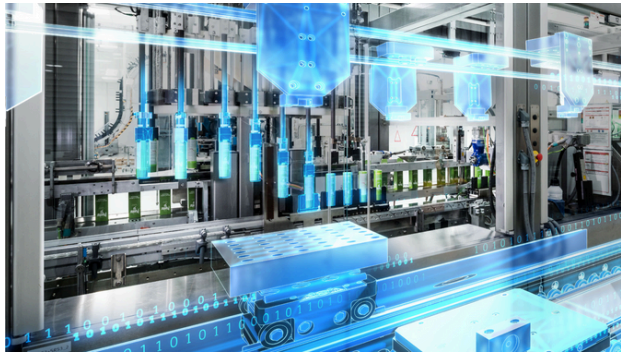
For production: instant visibility and proactive response

Insight Hub provides real-time views of line status, quantities produced, scrap, and machine downtimes. Operators and line managers can react quickly to deviations, optimizing time and ensuring production continuity through configurable alerts and customized dashboards.


For quality: traceability and continuous improvement

With automatic data collection from machines and MES systems, Insight Hub offers a reliable basis for quality performance analysis. Teams can identify defect-to-process correlations, implement targeted corrective actions, and structurally improve product quality while reducing non-conformance costs.

For management: global visibility and data-driven decisions

With consolidated reports and executive dashboards, management can evaluate performance across multiple plants, compare timeframes and lines, and monitor the impact of improvement initiatives. A solid, transparent data foundation supports planning and speeds up decision-making.
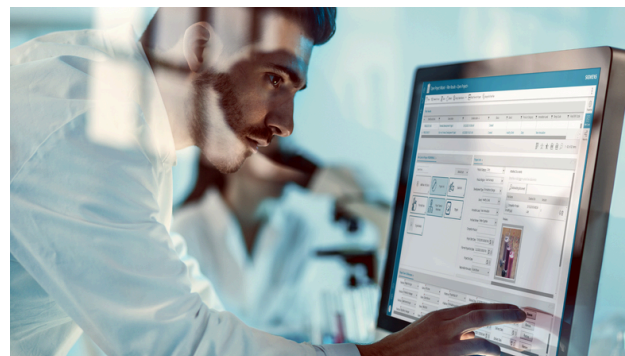
For IT and digital integration

Insight Hub integrates natively with Opcenter Execution and other enterprise systems (ERP, PLM), simplifying data storage, access, and sharing. It supports manufacturing data governance and reduces IT overhead through no-code configuration tools and centralized security.