Unlocking Plant Data to Improve Productivity

Sight Machine and Microsoft are helping manufacturers improve profitability, productivity and sustainability with production data across the enterprise and value chain.

Sight Machine on Azure provides a common data foundation for operations and analysis. Our Manufacturing Data Platform continuously transforms OT data into useful information in real time, so that you can make better, faster decisions. With system-level visibility and dynamic, AI powered insights into production needs, operators, engineers and operations leaders can visualize, analyze and share transformed data, providing an engine for productivity enhancements.

Common Data Foundation for Agile Factories
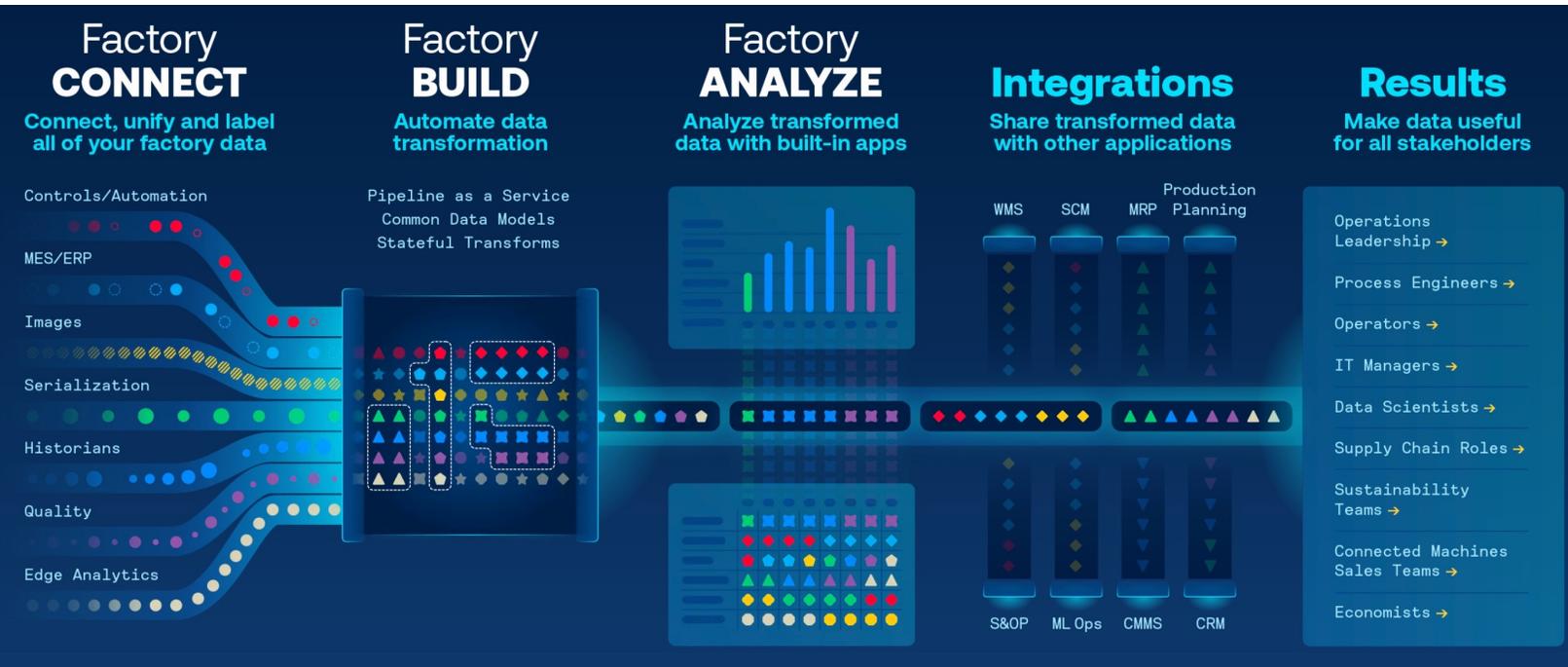
Dynamic Data Modeling
A unique data modeling foundation and single stream-processing pipeline automate real-time data transformation

Top Floor to Shop Floor Insights
Single, trusted and dynamically updated view of production for every stakeholder to turn insights into action

Supply Chain Resiliency
Transformed data can be shared with enterprise applications to extend value chain opportunities

Factory CONNECT — Connect, unify and label all of your factory data

- Controls/Automation
- MES/ERP
- Images
- Serialization
- Historians
- Quality
- Edge Analytics

Factory BUILD — Automate data transformation

Pipeline as a Service
Common Data Models
Stateful Transforms

Factory ANALYZE — Analyze transformed data with built-in apps

Integrations — Share transformed data with other applications

WMS · SCM · MRP · Production Planning
S&OP · ML Ops · CMMS · CRM

Results — Make data useful for all stakeholders

- Operations Leadership →
- Process Engineers →
- Operators →
- IT Managers →
- Data Scientists →
- Supply Chain Roles →
- Sustainability Teams →
- Connected Machines Sales Teams →
- Economists →

Powering and Scaling Impact

Across every factory use case: throughput, quality, cost and flexibility

Global Automotive
$2M Annual cost reduction

International Dairy Producer
10M Line throughput increase

Industrial MFG
19% Asset downtime decrease

Unlock your plant data to build more agile factories and accelerate your transformation to a truly digital organization today.