

Transforming Chemical Production with Sight Machine Manufacturing Analytics

Chemical manufacturers typically generate a flood of production data, but just a trickle of insight.

Sight Machine corrects this imbalance by unifying all data inputs, modeling a digital twin of your entire production process, and transforming data into actionable intelligence to solve previously intractable problems. Proven results include greatly reduced downtime, dramatically lower scrap rates, enhanced product quality, and rapid, detailed root-cause detection.

Key Challenges Chemical Production

- Equipment availability and downtime
- Maximizing raw material utilization
- Decreasing energy consumption and carbon footprint
- Reduce time and cost to solve productions issues

Sight Machine Impact

- Maintain uptime: Continuous asset health monitoring, anomaly detection, and predictive analytics
- Improve efficiency and quality: Optimize process control through machine learning
- Minimize energy use: Recommend process configurations
- Rapid root-cause detection: All data is contextualized and available for rapid hypothesis testing

Sight Machine transforms manufacturing data in real time into a Common Data Model /Digital Twin of your production environment

