



Transforming Automotive Production with Sight Machine Manufacturing Analytics

Automotive 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 dramatically lower scrap rates, greatly reduced downtime, enhanced product quality, and rapid, detailed root-cause detection.

Key Challenges in Automotive Production

- Measure and optimize Jobs per Hour (JPH)
- Reduce machine and robot downtime
- Minimize scrap and re-work
- Improve quality
- Track and trace across the supply chain

Sight Machine Impact

- Perform predictive maintenance: Identify machines or robots that may lead to unplanned downtime
- Improve First Run Rate (FFR): Standardized production data enables rapid root-cause analysis decreasing re-work
- Gain visibility into upstream quality across plants: Integrate process, part, and quality data to enable traceability and minimize rejects

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

