Your Virtual Commissioning Experts

Plant Simulation

Layout Validation → Logistic Validation → Throughput Validation → Time Validation

Process Simulate

Geometry Validation → Kinematic Validation → Time Validation → Cell Automation
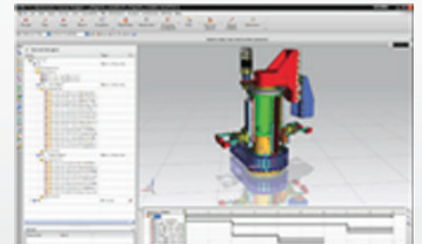

Mechatronic Concept Designer

Mechanical Design → Electrical Design → Machine Automation → Mechatronic Validation
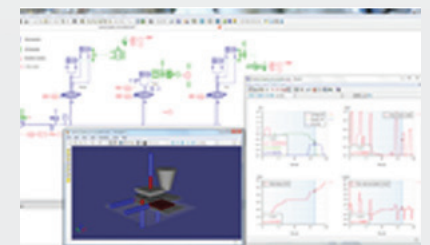

Amesim

Multiphysics Validation → Component Sizing → Design Optimization → Energy Loss Tracking

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DETROIT	GRAND RAPIDS	CLEVELAND	MEMPHIS	JACKSONVILLE	MIAMI	ORLANDO	TAMPA
MICHIGAN	MICHIGAN	OHIO	TENNESSEE	FLORIDA	FLORIDA	FLORIDA	FLORIDA
248-478-1182	248-478-1182	248-478-1182	248-478-1182	813-774-5935	813-774-5935	813-774-5935	813-774-5935

Siemens Senseye - Predictive Maintenance Platform

Senseye is an AI-powered predictive maintenance solution for industrial environments. It enables centralized, scalable monitoring of machines to predict failures, reduce downtime, and improve asset longevity.

Key Functionalities & Use Cases

AI-Based Predictive Maintenance
Learns from machine data and maintenance logs to anticipate failures before they occur, minimizing unplanned downtime.

Scalable Across Sites
Designed to handle thousands of assets across multiple facilities for enterprise-wide equipment monitoring.

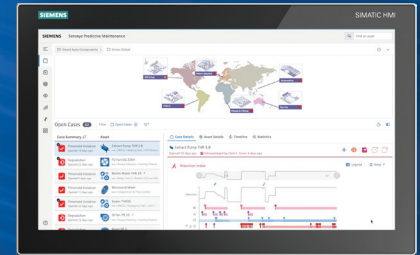**No Manual Model Training Required**
Senseye's algorithms self-learn from historical data, removing the need for manual setup by data scientists.

Seamless IoT Integration
Works with Siemens Industrial Edge and Insights Hub for smooth data ingestion and cloud-based analytics.

ROI Through Maintenance Optimization
Reduces emergency maintenance costs, streamlines maintenance planning, and extends machine lifecycle.

Siemens ACM - Adaptive Control and Monitoring Suite

ACM is a suite of machine-level CNC optimization tools. It enhances machining operations through adaptive control, breakage detection, and real-time analytics - all with minimal setup.

Key Functionalities & Use Cases

Adaptive Feedrate Control
Dynamically adjusts the feedrate in real-time based on cutting conditions, boosting throughput and part quality.

Tool Breakage Detection
Monitors tool behavior and alerts operators instantly upon detecting breakage, reducing scrap and downtime.

Multi-Spindle & Multi-Channel Support
Ideal for advanced CNC configurations requiring simultaneous multi-axis operation.

Remote Monitoring & Analytics
Offers centralized dashboards and alerts so managers can make informed decisions from anywhere.

No Code or Hardware Changes Required
ACM installs quickly with no modifications to NC code and requires no added hardware - ready for immediate use.

ADDITIONAL ENGINEERING SOFTWARE OFFERINGS FROM ELECTRO-MATIC

Pro Panel · Electric P8 · Preplanning · Smart Wiring

Cogineer · EEC · Fluid · Harness ProD

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