

**DELIVERING
VALUE-DRIVEN
MANUFACTURING
INTELLIGENCE**



PROVEN. POWERFUL. PROFITABLE.



Illuminate™ Manufacturing Intelligence is the smart manufacturing platform that provides critical insight into the essential machines, lines and processes that power and propel your manufacturing business.



- ▶ Scalable
- ▶ Flexible
- ▶ Equipment Agnostic
- ▶ Mobile
- ▶ Modular

Real time data intelligence



Data Acquisition
Storage
Reporting Solution

YOUR COMPLETE CONNECTED FACTORY FLOOR MANAGEMENT SOLUTION

Smart Manufacturing Platform

Illuminate OEE

Foundation

- Dashboard & Production Reports
- State Report
- Fault Report
- Fault Analysis Report
- Reject Report
- OEE, Fault & Reject Benchmark Comparison



Performance
Analysis



Operational
Visibility



Operational
Communication



Quality
Improvement



Performance
Sustainability

Illuminate QC

- SPC / Part Tracking with A
- Calibration / Event Log
- Recipe Management
- Manual Station
- AIV Product Routing & Mo

Illuminate Asset M

- Predictive Maintenance
- Production Odometer & Ma

Illuminate Vision

- DeBug Camera Kit & Licens
- Live Stream
- Line Clearance

Illuminate Report

- Operator-2-Operator
- Automatic Email Notificati
- Dashboard & Report Gener

Production Packages

Our customers manufacture with confidence - relying on high-performance and sustainable production lines need



Revealing a world of m



Ongoing Product Innovation



Scalable Systems

Analysis (Birth Record)

Monitoring

Management

Maintenance Management

Sense

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Illuminate Solution Enhancements

Products Purchase Options

- Embedded Business Intelligence (BI)
- Remote Secure Access - Secomea
- Automation SMS Notifications
- Overhead Display (LG 65" Screen)
- Operator-Assist Machine Guide Lights
- Embedded Touch Screen Monitor
- HMI Flexible Mounting Hardware
- Mobile HMI Rugged Tablet & Docking Station

Support Services Purchase Options

- Customized Dashboards & Reports Development
- Diagnostic Analytics
- Integrated Reliability Engineering
- Spares JIT Replenishment
- 24/7 Remote Monitoring
- On-site Production Sustainability Support

on Illuminate™ Manufacturing Intelligence to deliver the
needed to manufacture cost-effective, first-class products.

manufacturing possibilities.

System Enhancements



Value Driven Support Services

Drive transformative manufacturing and business results:

Secure single-point platform

↳ to monitor operations anytime and anywhere

Capture real-time OEE intelligence

↳ across lines, machines, and locations

Data drill-down functionality

↳ to optimize operations and advance sustainable improvements

Integrated visual KPIs

↳ to increase control and communication

Intelligent predictive maintenance

↳ to improve equipment efficiency, yield, and lifespan

Gain targeted videos of issues

↳ and unlock hidden performance

Real-time notifications

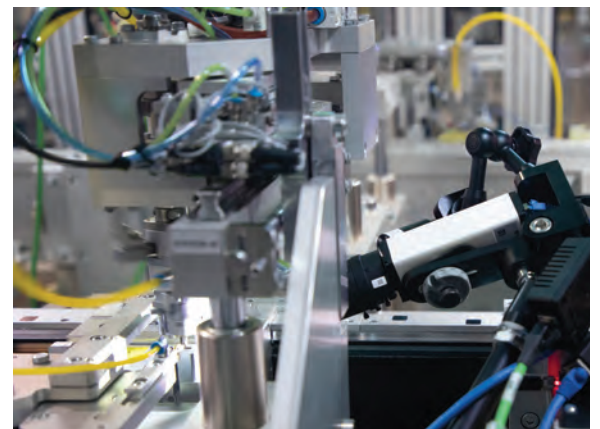
↳ to drive greater operational efficiency

Automated parts management

↳ and integrated statistical control to decrease cost

The DeBug™ Camera

Live stream video to facilitate machine debugging, root cause analysis, and troubleshoot issues - reducing hours of visual monitoring and machine down time.



The connected factory-floor management system brings together expandable multi-level machine performance data and diagnostics.



From data-to-decision, in minutes.



Illuminate™ Manufacturing Intelligence

Illuminate™ Manufacturing Intelligence platform monitors and manages **Overall Equipment Effectiveness (OEE)**, and optimizes manufacturing resources. Operators can quickly troubleshoot process and product issues, **prevent downtime** through proactive equipment maintenance, drive greater operational efficiency, facilitate continuous improvement across lines, cells, and locations, and **ultimately lower cost of goods sold.**



Global Footprint

Our global team offers the perfect synergy of experience, manufacturing intelligence, and automation technology to advance factory-floor management solutions for the world's leading manufacturers. Every customer benefits from our 40 years' of experience, our shared learning of over 24,000 completed projects, and our parent company's global services network spanning 23 facilities and over 50 offices in North America, Europe, Southeast Asia and China.



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