ShopFloorConnect® Asset Utilization Software

You can’t improve what you don’t measure

PLANT FLOOR VISIBILITY FROM ANYWHERE

WINTRISS®
ShopFloorConnect is the complete solution for automatic machine data collection

ShopFloorConnect’s factory reporting software and machine-mounted interfaces combine to automatically collect important production data from any machine with little or no operator involvement. ShopFloorConnect displays job information in real time, so problems can be addressed as they happen. ShopFloorConnect allows you to quickly identify underperforming machines and the reasons for underperformance – enabling you to focus your valuable resources where they will do the most good.

Why ShopFloorConnect is different
- Our 50 years application experience with a variety of industrial machinery allows us to help you to implement the system quickly
- It utilizes a simple turn-key interface on each machine that plugs directly into your existing network speeding the implementation
- Truly automatic collection of uptime, downtime, and production counts with no manual data entry
- Makes production data available in real time – You don’t have to wait until a job is finished. The real-time nature of the product allows it to support ‘visual factory’ displays.
- Advanced OEE calculation method designed specifically for discrete manufacturing allows a unique ideal performance rating for each part/machine combination.
- Automatically generates and distributes user-configurable reports at scheduled intervals.

Key functions
- ShopFloorConnect automatically collects important production data from your machines–data that previously could only be collected manually–and places it into an organized database.
  - Displays real-time machine status through the FactoryViewer
  - Tracks machine uptime, downtime, and reasons for downtime
  - Tracks production rates and counts
  - Schedule interface
  - Generates and automatically distributes reports including OEE by shift or job

The ShopFloorConnect database can be used to provide timely, accurate, and unbiased production data to your existing (or future) MES and ERP systems.

Flexible reporting
ShopFloorConnect uses Microsoft SQL Reporting Services. Report templates feature filter selections for customizing the reports to contain the information you want. Reports can be generated in formats including PDF, Excel, Word, and CSV. Users can create their own delivery schedules and recipient lists (individuals and groups).

Schedule interface
The Schedule Interface allows you to create or transfer a queue of jobs for each machine which ShopFloorConnect sends to the Machine Interface.
- Machines can be scheduled individually, or in groups that draw from the same queue of jobs
- Calculates estimated time/date of completion for all jobs in the queue
- Paperless – it automatically sends job parameters to each Machine Interface
- Documented transfer protocol allows the schedule to be populated from other software

Key benefits for your business
- ShopFloorConnect’s automatic data collection and reporting capability include:
  - Unbiased accuracy, timely information, elimination of manual data entry, and reduction in paperwork
  - Increase capacity and profitability by addressing downtime issues
  - Focus improvements in critical areas by quickly identifying and quantifying excessive production losses and bottlenecks
  - Make more informed decisions relating to capital equipment purchases
  - Better labor utilization and resource allocation
  - Quote accurate deliveries based on real-time information
  - Production data available to other applications through ShopFloorConnect’s SQL database
- ShopFloorConnect’s real-time FactoryViewer allows:
  - Remote viewing of real-time factory status
  - Personnel to respond to problems as they occur
  - Improved planning/scheduling
  - Large-format factory displays that provide instant visibility of underperforming machines

ShopFloorConnect® is the complete solution for automatic machine data collection
Turnkey Solution for Machine Connectivity

2D Lasers
Compare uptime efficiency and production rate for different material types.

Injection Molding Machines
Track production counts uptime, downtime, temperature, and pressure.

Press Brakes
Track uptime, downtime, and OEE by part and operator.

Packaging Lines
Create efficiency reports by SKU number.

Stamping Presses
Track OEE by machine and by tool; keep track of the tonnage and the number of hits on each tool.

Machining Centers
Keep accurate production counts and track OEE by part.

The ShopFloorConnect Machine Interface is an Ethernet-ready terminal that allows you to collect production data from virtually any machine. Rather than requiring a complex integration project, our machine interface is quick to install and requires only one, two, or three simple connections to the machine in order to provide fully automatic data collection.

SMI Features
• Quickly connects any machine to ShopFloorConnect
• Ethernet ready—simply plug it into your network using the built-in RJ-45 (standard Ethernet) connector
• 5.6 inch color or 3.6 inch mono-chromatic touch screen operator interface
• Fully customizable downtime reason codes for each machine
• Built-in parts counter with preset
• Ability to enter applicable job and operator parameters
• Compatible with serial bar-code scanners

Wintriss Controls is a leading manufacturer of press automation, die protection and safety controls for metal stamping and forming industries; and data collection systems for all discrete manufacturing. We provide seminars for all products and OSHA compliance along with plant surveys. These products, which leverage Wintriss’ 50+ years of experience in the metal stamping industry, are known for their proven performance and rugged dependability in the toughest factory environments. Wintriss equipment is backed by attentive service, timely repairs, and comprehensive spares inventories. A toll-free hotline gives customers immediate access to technical support experts for product information and applications assistance.