MEMEX
Measuring Manufacturing Excellence™

DATA SHEET

Operator Portal

MERLIN Operator Portal

Real-Time Manufacturing Analytics Interface

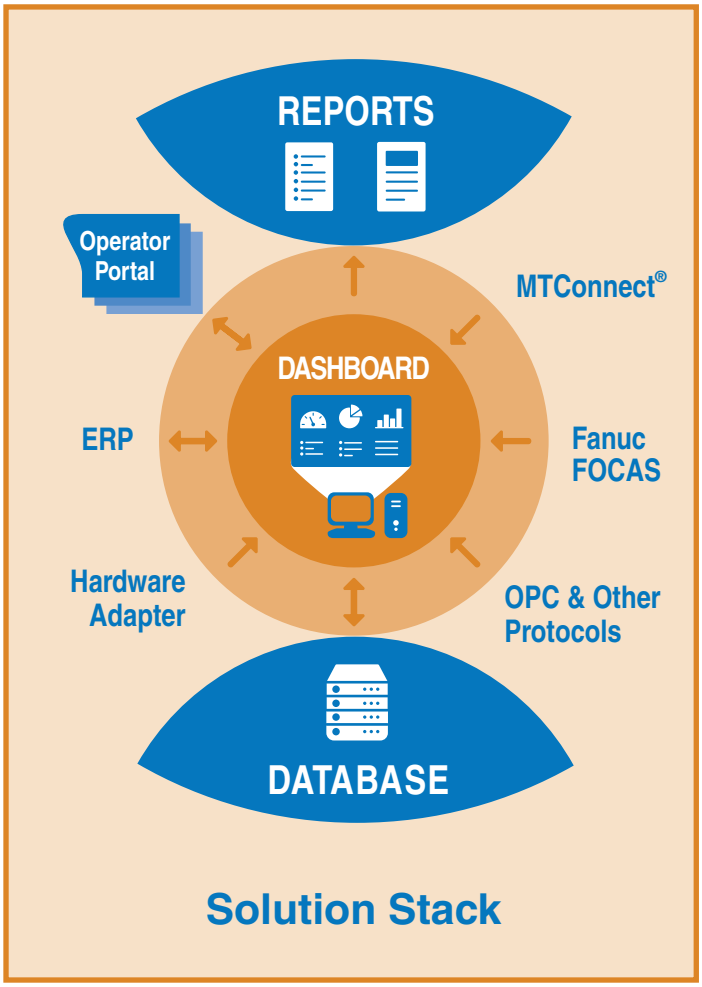
The MERLIN Operator Portal application is a human machine interface. It displays critical machine metrics and information along with providing operator input to the MERLIN system, all in Real-Time.

FEATURES

- User customizable screen for buttons, labels and information
- Real-time queue for work orders and Ad-hoc work order creation
- Operator auto-prompt for down-time reasons
- Touch screen support
- Barcode scanner ready for work order interaction
- Operator selectable part quality classification and part count
- Fully integrated with Merlin platform
- Kiosk mode for multiple machine and operator support
- Pro-active operator email alerts
- DNC remote file call to Merlin DNC applications
- Built in onscreen barcodes
- One button electronic work instruction access
- Requires a Windows based PC

BENEFITS

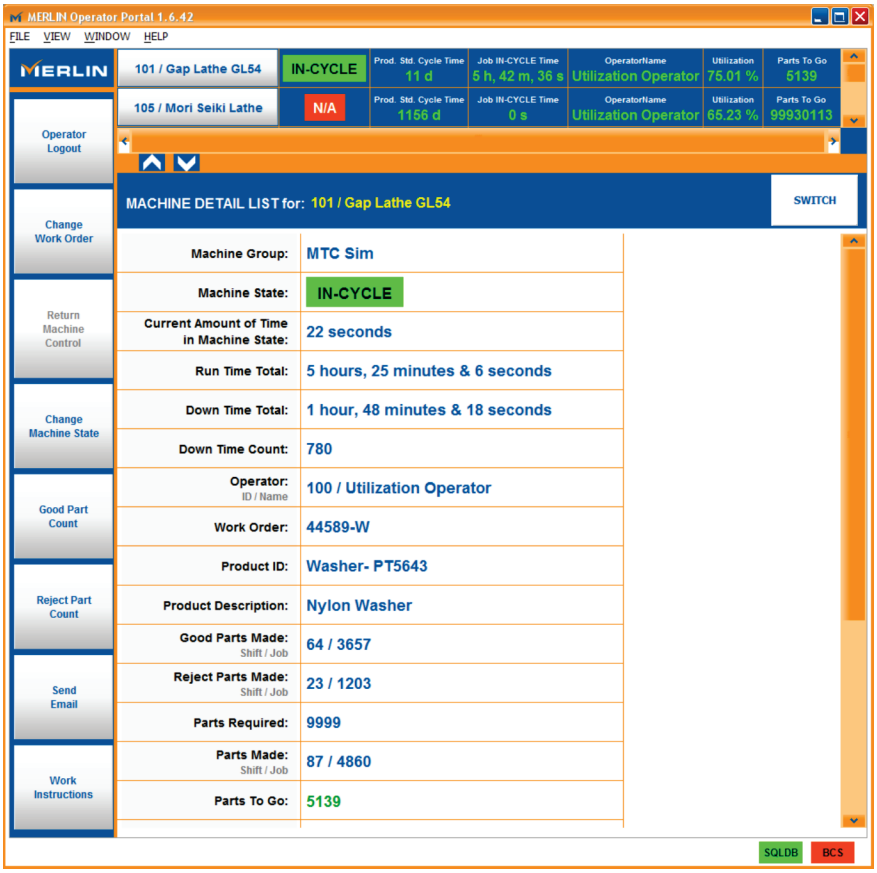
- Enables the operator for greater efficiency
- Lightweight application that can be run on windows computing devices such as tablets, laptops and computers
- Optimized with touch capability for ease of use
- Rapid down-time, part reject classification and rework capabilities through a simple operator interface
- Real-Time critical operations information available at all times
- Efficient multi-machine access through one operator console
- Enhance paperless environments with the work instruction feature
- Same user interface for both machine centric and manual operations
- Eliminate data input errors through intuitive barcode data entry



Solution Stack

MERLIN

MERLIN is an IIoT Shop-Floor-To-Top-Floor communications platform that provides manufacturing analytics in Real-Time.



ABOUT MEMEX™

The Industrial Internet of Things (IIoT) powered by machine to machine (M2M) connectivity coupled with software capable of collecting, analyzing, and intelligently presenting streams of manufacturing data represents no less than the next Industrial Revolution. MEMEX with its visionary attitude has been on the leading-edge of the convergence of the industry trends in Computing Power, Connectivity of Machines, Industry Standards, Advanced Software Technology, and Manufacturing Domain Expertise. Leading this transformation is MEMEX Inc., the developer of MERLIN, an award winning IIoT technology platform that delivers tangible increases in manufacturing productivity in Real-Time.

MEMEX, with its comprehensive understanding of the manufacturing industry, is the global leader in machine to machine connectivity solutions.

Committed to its mission of "Successfully transforming factories of today into factories of the future" and encouraged by the rapid adoption and success of MERLIN, MEMEX is relentlessly pursuing the development of increasingly innovative solutions suitable in the IIoT era. MEMEX envisions converting every machine into a node on the corporate network, thereby, creating visibility from shop-floor- to-top-floor.

MEMEX, with its deep commitment towards machine connectivity, offers solutions that are focused on finding hidden capacity by measuring and managing Real-Time data. This empowers MEMEX's customers to effectively quantify and manage OEE, reduce costs and incorporate strategies for continuous lean improvement.

PRODUCTIVITY
10%-50% average productivity increase

PROFITS
20% + profit improvement based on just a 10% increase in OEE

PAYBACK
payback in less than four months with an Internal Rate of Return (IRR) greater than 300%

CONNECTIVITY
connects to any machine, old or new

Contact MEMEX to implement IIoT data-driven manufacturing now.

MERLIN

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