

# ERP Connector

## A bi-synchronous interface to MERLIN

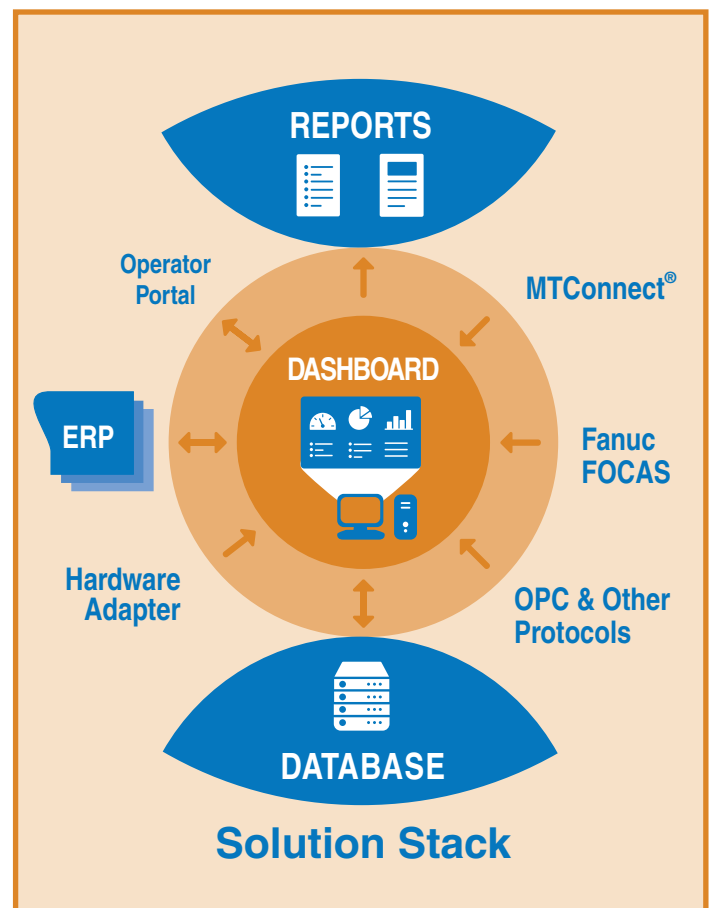
The MERLIN Enterprise Resource Planning (ERP) connector is capable of a bi-synchronous import and export of work orders and their respective operational information from a customer's ERP system.

### FEATURES

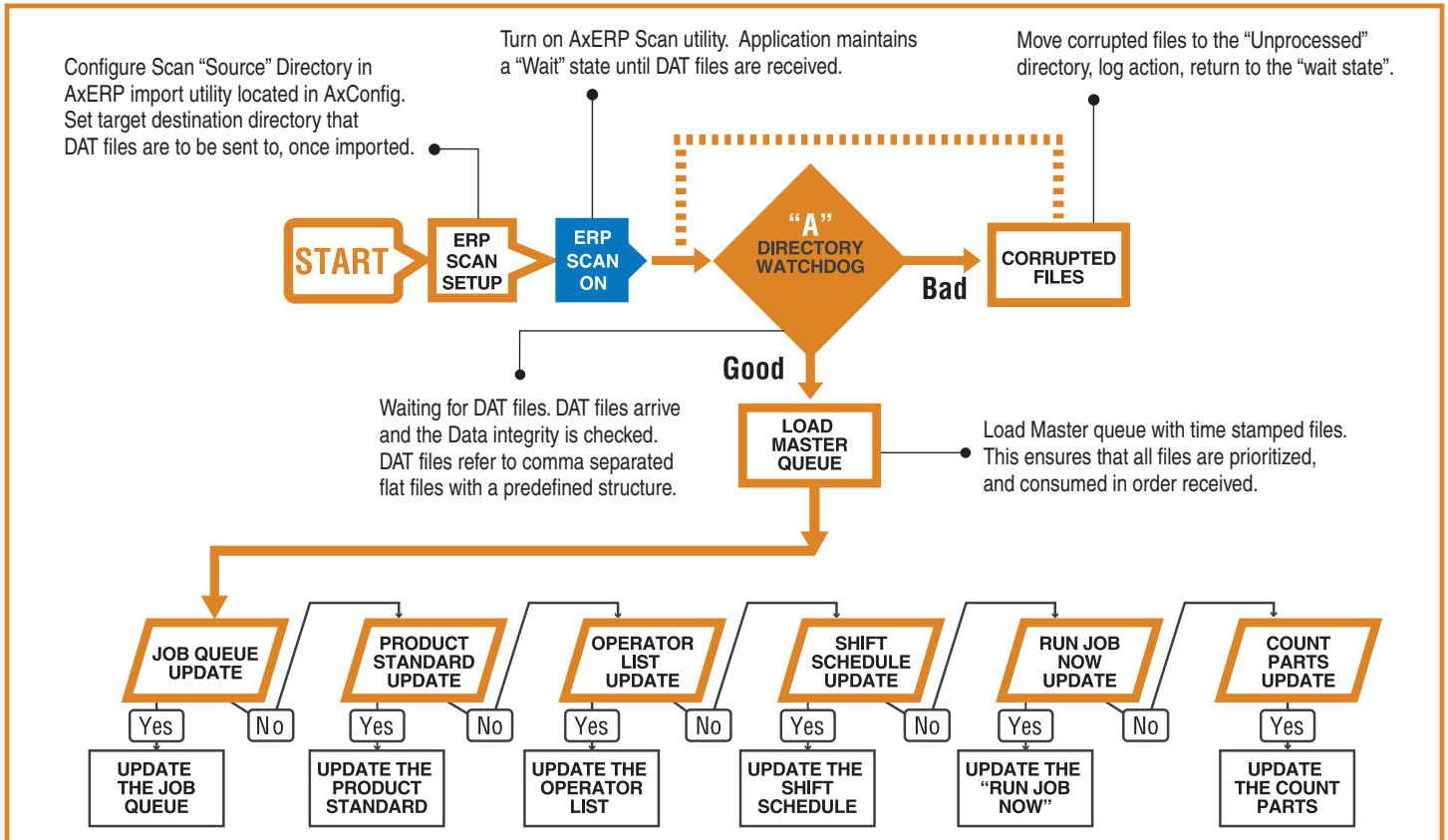
- Constantly scans the selected directory, or mapped drive as specified for ERP flat files
- Automatically prioritizes and queues transactions by date / time stamp
- Performs automatic data integrity tests on the data received within the ERP generated flat files
- Outputs actual operational data collected against the work order upon completion or in Real-Time
- Automatically imports product standards from ERP
- Downloads shift schedule by machine from ERP
- Creates work orders by machine from the finite schedule job queue
- Generates operator list automatically
- Integrates with MERLIN Operator Portal
- Transfers good and rejected part counts along with Downtime Reason Events
- Provides Run-Now functionality to immediately load machine Work Order
- Offers integration to shop floor ERP transaction terminals

### BENEFITS

- Access to accurate Real-Time OEE shop floor data
- Eliminate manual data entry errors and scanning delays
- Improve auto parts count and inventory accuracy
- Provide accurate data for job costing



## MEMEX ERP IMPORT FLOWCHART



## 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



### PAYBACK

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



### PROFITS

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



### CONNECTIVITY

connects to any machine, old or new

Contact MEMEX to implement IIoT data-driven manufacturing now.



**MEMEX**  
Measuring Manufacturing Excellence™

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