

MX4-Business

TRACKING AND REPORTING SOFTWARE

iQ

Manage your production in real-time

MX4-Business software and hardware products have been specifically designed to provide a low cost system solution for tracking and reporting shop floor production Operational Equipment Efficiency (OEE) Key Performance Indicators, with concise and easy to use real-time and historical reports, for all personnel from the shop floor to the boardroom.

Comprehensive reporting

The software provides functionality beyond just historical and real-time OEE reporting, with additional 'included as standard' capability to provide complete reporting of human resources, downtime, shift performance, product performance, job planning and much more.

Real-time data collection can be simply achieved by utilising the connectivity available throughout the range of Mitsubishi Electric's automation controllers and networks. The valuable data residing in these control platforms can then be turned into useful information within MX4-Business.

It also includes an Open Database Interface (ODI) as standard which allows import of simple XML data to MX4-Business's database. This can be typically used to update the configuration data, or to input process data from MX4 SCADA or third party software systems such as ERP or any system that can output compatible XML files can be incorporated.

Cost effective flexibility

MX4-Business can be implemented with any combination of fully automated and/or manually collected data, providing maximum flexibility and scalability to implement your solution, ensuring you only purchase what you really need, but also allowing you to expand your system with ease.



- Real-time OEE and production status
- Production planning
- Real-time overview mimics
- Operator asset dash board
- Identification of your unused production capacity
- Time line event viewer
- Monitor planned maintenance
- Over 300 production reports
- Connects Mitsubishi's automation controllers and networks
- Free client software
- Automatic data collection
- Decrease asset downtime

MX4-Business client software

Purchasing MX4-Business server software includes licenses to use the client software on the server, as well as unlimited PC's on a LAN or WAN network, that has security access to the MX4-Business server database.

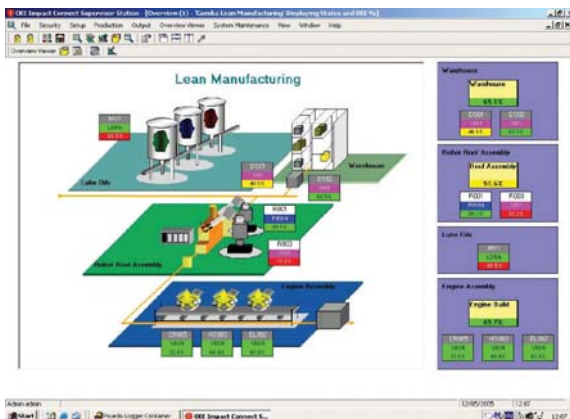
Six Sigma data capture

The collection of data from the manufacturing environment is key to Six Sigma projects to identify and solve problem areas causing defects. MX4-Business provides a deployable platform to act as the data centre for Six Sigma projects.

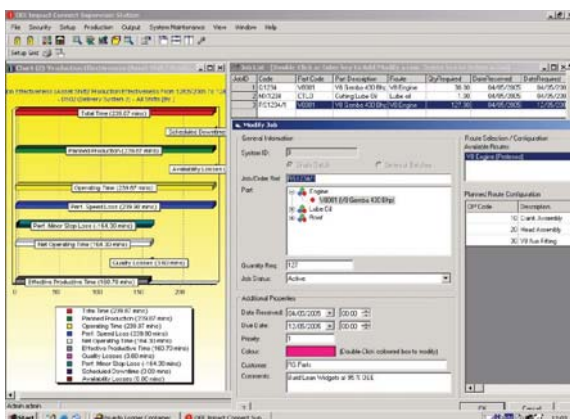
Lean Manufacturing

MX4-Business forms a core part of any Lean Manufacturing implementation. Being able to schedule work to the shop floor and monitor production in real-time allows maintenance and operation staff to react to the continuously changing production environment.

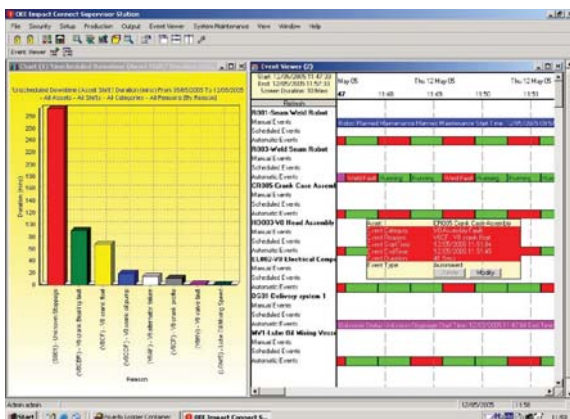
Once installed, we provide added functionality for product tracking, product genealogy, online work instructions and extended HR tracking with our MX4-Business Solution



Range overview mimic



Product display



Downtime display

Features

- Fully configurable security
- Manual data entry
- Automated real-time data collection
- PLC interface
- Real-time graphics
- Full configuration tools
- Time event viewer
- Graphics builder
- Asset performance standards
- Product based performance standards

HR Logging

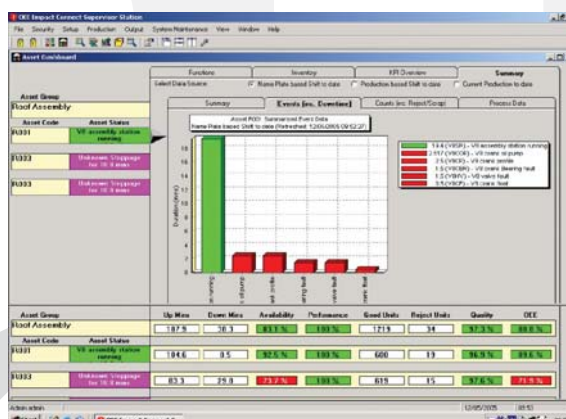
- Single HR asset logging
- Multiple HR asset logging
- Real-time data dashboard

Data Importer

- XML configuration import tool
- XML data interface

OEE Reporting Groups

- Single asset
- All assets
- Shift reporting
- Product reporting by shift
- Product type reporting
- Asset group reporting
- Unlimited free network users



Asset dashboard