

IQMS ERP & MES

MANUFACTURING SOFTWARE REVIEW BY SHELDON NEEDLE



Summary

IQMS is a highly specialized product for the plastic injection, blow mold segment which involves Realtime manuf execution, multicavities which open and close, and injecting materials to make parts. It is also distinguished by a well integrated MES solution.

Since 1989 IQMS has provided companies worldwide comprehensive ERP and manufacturing software that has helped to:

- Increase plant efficiency and profitability
- Exceed industry and regulatory compliance
- Improve processes and customer satisfaction year over year
- More accurately plan and schedule production
- React quickly to market shifts and customer demands
- Maintain inventory traceability

Modular, scalable and with an unmatched customer rate, EnterpriseIQ is a product worth considering.

Technology

EnterpriseIQ ERP and MES software from IQMS is built on technology that enables dynamic, real-time exchange of enterprise and manufacturing information with your team as well as vendors and partners throughout the supply chain. From industry leading database architecture, to mobile and Internet based technology, IQMS delivers a progressive platform for managing growth, data integrity and data accessibility.

Single Source Philosophy

All software modules are written, developed and supported by IQMS using web services and .NET technology on a single database to provide a powerful and cohesive ERP, manufacturing and MES solution, previously only available through multiple vendors.

A single source, end-to-end solution guarantees:

- Data compatibility, interoperability and integrity between modules
- A less complicated and costly application architecture
- End-to-end visibility
- Fast, efficient, accurate decision making

Flexible and Portable Hosting Options

IQMS ERP and MES software offers “portable” hosting options allowing you to choose the platform that best suits your IT eco-system. Regardless of platform, you control your data, security and software upgrade frequency.

EnterpriseIQ can be hosted:

- On-Premise at your facility
- Cloud-based
- As a subscription service managed by IQMS

Secure and Reliable Server Platform

EnterpriseIQ is powered by Oracle, the world's No. 1 database, trusted by large enterprises and small-to-midsize businesses alike.

The Oracle application specific license embedded in EnterpriseIQ allows IQMS users to take



advantage of the high performance, reliability, security and scalability Oracle SQL server offers, without having to maintain, support and pay for a full Oracle application.

Applications offered

EnterpriseIQ is a full-featured ERP and MES solution designed to address the specific needs of various types of manufacturing. With an emphasis on increasing efficiency, visibility, traceability and profitability, the solution offers built in (not bolt on) functionality allowing the same data to be leveraged throughout the entire organization and supply chain:

- Accounting and Financial Management
- Advanced Planning and Scheduling
- Bar coding and labeling
- Business Process Management and Workflow
- Business Intelligence
- Customer Relationship Management (CRM)
- Document Control
- Electronic Data Interchange (EDI) and eCommerce
- Forecasting
- Human Capital Management (HCM) including Time Tracking
- Inventory and Lot and Serial Number Tracking
- Job and Process Costing
- Manufacturing Execution System (MES)
- Maintenance and Repair and Overhaul (MRO)
- Material Requirements and Resource Planning (MRP)
- Mobile shop floor and ERP apps
- Overall Equipment Effectiveness (OEE)
- Payroll
- Production Reporting
- Product Lifecycle Management
- Quality Management

- Quoting and Estimating
- Returns Management
- Sales Order Management
- Shipping and Distribution Management
- Shop Floor Monitoring and Data Collection
- Statistical Process Control (SPC)
- Supply Chain Management
- Warehouse Management (WMS)
- B2BWeb Portals
- B2CWeb Storefront

Target markets by industry and size

Developed by manufacturers, the system focuses specifically on providing solutions for small to mid-size make-to-order and make-to-stock companies, including discrete, repetitive process, mixed-mode, and assembly operations. Recognizing that manufacturing processes across industries have unique requirements, IQMS supports 28 unique *process specific* Bills of Manufacturing templates. The pre-configured Bills of Manufacturing allow for the precise modeling of different manufacturing processes.

In addition to more focused systems for specific manufacturing processes, IQMS also provides Industry specific solutions. This proves to be especially valuable in highly regulated industries where strict compliance and traceability requirements are a top issue.

Unique Capabilities

Real-time data

IQMS is especially capable when it comes to delivering true real-time information throughout the ERP system. Most ERP and MES applications rely on a process, event or manual intervention to deliver the data to the application server. The EnterpriseIQ server for Online Transaction Processing (OLTP) allows for data to be shared instantly allowing business rules to be followed as data is collected.

Single System, Single Vendor Solution

Developed as single cohesive solution on one database, EnterpriseIQ offers unparalleled integration between ERP and MES. Users can access the latest information without waiting for batch updates, improving workflow and interoperability. This also eliminates the errors created by dated information or manual entry, and ensures that your entire team is executing your daily plan with accurate, shared information.

Extensive support, training and consulting options

Just as the software supports your daily work flow, the professional staff at IQMS supports your implementation every step of the way. From your initial contact, through implementation, training and ongoing support, you will always deal with the IQMS support team – no relying on costly outside consultants and VARs with limited knowledge of the product. All IQMS employees undergo rigorous EnterpriseIQ training and have an inside track into current capabilities and future development. You can rest assured that your contacts at IQMS maintain a thorough understanding of EnterpriseIQ.

At IQMS, customer success is a #1 priority. Multiple user specific support and training programs allow users to not only understand program functionality, but more importantly, understand how to USE the system and the data to benefit each organization.

IQMS training and support options include:

- Unlimited live phone support from support centers
- Online learning center videos
- One-on-one internet-based training sessions, led by a system specialist
- A full calendar of hands-on courses held at three U.S. training facilities
- On-site training

Awards and Recognition

IQMS is consistently recognized by both the technology and manufacturing industries for providing the best solutions for manufacturing companies.

Recent awards include:

- Inc. 500/5000 for four consecutive years.
- Manufacturing Leadership Presidents award
- Network Products Guide Product Engineering Team of the Year
- Golden Bridge Award for Manufacturing Innovation
- Stevie Awards People's Choice Favorite New Product, Product Development Team of the Year, Most Innovative Company of the Year

Points of Integration for Third Party Apps

IQMS is a complete end-to-end solution. As a result functionality typically available through third party integration and interfaces for features such as Warehouse Management, Quality, CRM, Accounting, PLM and HCM, EDI and web portals are not necessary. For solutions outside of the EnterpriseIQ scope, IQMS has partnered with a select number of industry leading technology companies.

Their solutions are integral components of EnterpriseIQ, including:

- Solidworks
- Microsoft Office
- 3rd party payroll systems
- Crystal Reports
- Label Matrix

Custom applications using the IQMS WebAPI

IQMS understands that manufacturers may have in-house development teams that require data from their core business systems. The WebAPI Software Development Kit (SDK) is an IQMS service oriented architecture (SOA) product that exposes EnterpriseIQ data and file structures to external systems. Developers can now expand their applications to leverage the data maintained by EnterpriseIQ system while streamlining workflows and operations.

Pros

- Uniquely capable for plastics, injection molding industry
- Integrated MES

Cons

- Not a unique ERP solution outside of injection molding manufacturing

About Sheldon Needle



A former CFO, consultant and software designer, Sheldon Needle has authored or co-authored more than 20 books on software selection and has contributed articles to major publications, including the Journal of Accountancy and Nation's Business. CTSGuides.com has the distinction of being the very first company to do hands-on, independent evaluations of software for the middle market.

Sheldon speaks with business owners and managers every day about software selection and makes personalized recommendations based on their needs and budget. He is widely known and respected throughout the business software community for his independence, integrity and expertise.

As part of registering for our free software selection kit, you receive a 15-minute consult with Sheldon. Sheldon understands financial and business issues and speaks your language.

He knows the leading software companies—how they compare, their strengths and weaknesses, where they fit into the market and which ones would be suitable for your business.