WebBI: Real-Time Manufacturing Intelligence

Grow Faster
Real-time data is enabling greater Manufacturing Intelligence, becoming one of the most powerful catalysts there are for driving faster revenue growth. Improving the speed and quality of decisions gives manufacturers greater control over quality, production accuracy and flexibility in meeting customer needs. WebBI (Business Intelligence) unleashes production, financial and sales analytics, providing manufacturers a 360-degree view of all operations.

Achieve Higher Product Quality
Knowledge can turn quality into the strongest competitive differentiator a manufacturer has. Capturing data from machines, production processes and work centers using real-time monitoring provides an invaluable glimpse into what’s working your manufacturing operations. From fine-tuning Statistical Process Control (SPC) to each phase of your quality management, compliance, production, fulfillment and service strategies. WebBI provides insights for improving your business from the shop floor to the top floor.

Excel At Overall Equipment Effectiveness (OEE)
Manufacturers consider this the most important metric possible for making sure their daily production operations are stable and profitable. OEE measures the performance of a given machine, product line, work team and/or entire production center. A majority of the time, OEE is tracked at the machine level to capture each production asset’s utilization rate, performance levels, and quality. It’s calculated using the formula Availability x Performance x Quality. IQMS provides OEE templates in WebBI so you can get up and running fast, gaining insights on equipment and shop floor performance.

Accessible On Any Platform, Anytime, Anywhere
Users can access IQMS WebBI from any device with an Internet connection and browser. From a laptop, tablet or smart-phone you’ll be able to view real-time updates to dashboards, scorecards and real-time reports. Create and manage alerts and enable one-click updates for all Key Performance Indicators (KPIs) and metrics. With 24/7 access 365 days a year, you’ll be able to stay on top of every aspect of shop floor to top floor performance analysis and reporting.
Real-time Insights Improve Manufacturing Quality

**Improve Product Quality**
Creating and fine-tuning a product quality roadmap needs to start with solid, reliable data from incoming inspection, quality management and quality assurance teams. Designed for self-service and ease of use, WebBI allows you to work with the data in the ways you are most comfortable.

**Excel At Overall Equipment Effectiveness (OEE)**
An essential metric of any manufacturing operation, Overall Equipment Effectiveness (OEE) measures the overall performance of a given machine, product line, or Work Center. It’s considered the most reliable metric for tracking production performance to the machine and plant floor level. With WebBI you can track OEE in real-time across the plan floor, as illustrated by the dashboard example below.

**Improve Statistical Process Control (SPC)**
Gain new insights into the factors driving Statistical Process Control (SPC) quality variances and see their impact on production and financial performance. Use SPC trends to see where quality improvements will pay off the most.

**Reduce Inventory Costs**
Batch-oriented approaches to inventory control, while economical, delay decisions and are prone to errors. Migrating to real-time inventory control using IQMS WebBI helps to eliminate overstock of raw materials, increases inventory turns, and reduces physical inventory from weeks to days.

**Improve Maintenance, Repair & Overhaul (MRO) Efficiency**
Using WebBI to analyze real-time data reported from machinery, it’s possible to determine when a given machine will need repair. Long-standing assumptions regarding preventative maintenance are changing due to greater insights gained from WebBI. With easy access to this data, machines last longer and costs are reduced.
Since 1989, IQMS has been providing powerful enterprise resource planning (ERP) software solutions that enable manufacturers to operate more efficiently and more profitably than ever before. Based upon decades of manufacturing experience, IQMS has developed the most comprehensive and effective ERP solution available - EnterpriseIQ®. The powerful, wide-ranging solution, combined with a deep commitment to customer satisfaction, is why IQMS has one of the highest customer retention rates of any ERP provider.