



Solumina Enterprise Quality Management System (EQMS)

Overview



Solumina EQMS

In complex discrete manufacturing, rigorous quality and safety standards and a host of regulations leave little room for error. That's why the Solumina Manufacturing Operations Platform by iBase-t features an Enterprise Quality Management System (EQMS) embedded across every part of the platform, including MES, supplier compliance, and sustainment. EQMS helps ensure products are manufactured and maintained to the highest quality standards while attaining efficiency and performance goals in the process.

Solumina EQMS is designed specifically for complex manufacturers in industries like aerospace and defense, electronics, industrial equipment, medical devices, nuclear, and shipbuilding.



What sets Solumina EQMS apart?

With Solumina EQMS, you can shine in every aspect of quality management, including supplier collaboration, production performance, and MRO.

Designed for complex discrete

Solumina was purpose-built for manufacturers of complex products with multiple levels of sub-assemblies, frequent engineering changes, complex effectivity rules and stringent regulatory requirements.

Embedded throughout your manufacturing operations

EQMS is embedded throughout the Solumina platform, enabling robust, end-to-end defect containment and quality management across both internal and external supplier-based operations.

Cloud-native architecture

Solumina is a cloud-native solution built on a microservices architecture that offers scalability, reliability, and lower upfront costs than on-premises solutions. Implementation is faster, leading to rapid realization of benefits and return on investment.

Part of a complete manufacturing operations platform

The native integration of Solumina MES, MRO, SQM and EQMS solutions creates a seamless flow of data across the entire product lifecycle while meeting AS-9100 and CFR Part 820 requirements.



Benefits of Solumina EQMS



Accelerate Without Sacrificing Quality

Reduce quality variability while developing the agility to respond faster to changes.



Reduce the Cost of Quality

Reduce costs by minimizing material waste and optimizing workers' time and talents.



Make Better Decisions

Enable evidence-based decision-making by providing quality data and metrics in real time.



Control Change Procedures

Track and control change procedures for work and inspection instructions.



Streamline Your Process

Streamline quality processes from supplier to customer with an embedded solution.



Ensure 360° Visibility and Compliance

Track and enforce quality management and compliance along the entire value chain.

Feature Highlights



Inspections

Drives statistical inspection planning and execution for production, receiving, and source inspections. Inspection sampling and audit requirements are dynamically adjusted at the supplier, part, and characteristic level to focus resources on problem areas.



Corrective and Preventive Actions (CAPA)

Leverages a closed-loop CAPA process to help accurately isolate the root cause of material issues and tracks corrective actions. Creates historical records for every CAPA process that occurs during production.



Discrepancies

Documents defective or non-conforming products, components, and processes for quick issue handling and containment.



Process Control

Ensures operators have required certifications, correct tools and calibration, latest documentation, and controlled change procedures. Built-in statistical process control (SPC) rules alert users of process deviations.



Product Control & Compliance History

Tracks materials, components, and subassemblies for each unit and completed product with a detailed product genealogy. Registers and retrieves a complete digital history with relevant compliance data.



Secure Access & Data

Application and database access are controlled by roles, privileges, and user login. Additional IP protection and ITAR security controls can be leveraged.



Regulatory Compliance

Meets the strictest process management and integrity requirements of the industry including ISO9001, AS9100, ISO13485, FAA, and FDA Title 21 CFR Parts 11 and 820.

Solumina Manufacturing Operations Platform

To learn more or book a demo visit www.iBaset.com

The Solumina Manufacturing Operations Platform by iBase-t consists of an integrated suite of MES, SQM, and MRO solutions. Designed for complex, highly regulated discrete manufacturers who seek to digitally transform their operations, Solumina connects manufacturing operations, quality, and sustainment management in a seamless flow of data across the value chain and product lifecycle.

The Solumina Manufacturing Operations Platform creates the technology infrastructure manufacturers need to harness advances in model-based functionality like PMI continuity, Assisted Engineering Changes and augmented reality guidance for the workforce, IIoT connectivity for equipment, new levels of intelligence for decision making, and higher levels of customer and supply chain collaboration.