



Solumina Supplier Quality Management (SQM)

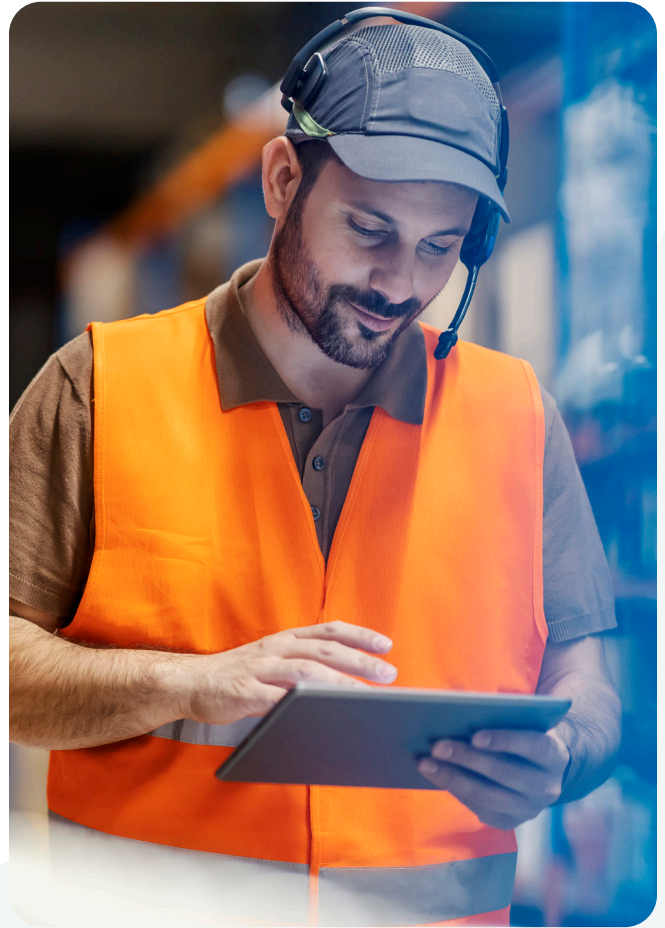
Overview



Solumina SQM

Solumina Supplier Quality Management (SQM) by iBase-t is an integrated, dynamic system that helps you efficiently define, communicate, manage, and verify product requirements with your suppliers. With Solumina SQM, you can accurately track supplier quality, minimize escapes, and decrease cycle times – all while reducing inspection costs.

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



What sets Solumina SQM apart?

Solumina SQM radically improves supplier quality management by giving discrete manufacturers access to real-time digital data and integrated systems.

Designed for complex discrete

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

Embedded enterprise quality management

Solumina SQM includes an embedded, fully AS-9100 compliant Enterprise Quality Management System (EQMS) enabling robust, end-to-end 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

Native integration with Solumina Manufacturing Execution System (MES) and Maintenance Repair and Overhaul (MRO) solutions creates a seamless flow of data across the entire value chain and product lifecycle.



Benefits of Solumina SQM



Thorough Quality Management

Manage source and destination quality at the supplier down to the characteristic level, with processes that parallel internal processes.



Healthy Competition

Drive healthy competition and continuous improvement among suppliers with the ability to measure and compare supplier performance on similar parts/services.



Decreased Cycle Times

Get visibility and control of your purchased products before they hit your factories – decreasing cycle times while increasing productivity, traceability, and quality.



Better Visibility

Track supplier performance with user-friendly KPI dashboards and complete visibility of supplier-induced issues, including defects found at the source or downstream.



Engaged Suppliers

Empower suppliers to proactively manage their quality processes, driving more consistent delivery of high-quality finished goods.



Automated Compliance Documentation

Automatically record all AS-9100 documents related to product quality, including PPAP, FAI/PPV, and in-process online verifications and characteristic data collection for inspection orders.

Feature Highlights



Real-Time Visibility

Improves visibility into compliance by providing real-time insight into supplier status, constraints, and history records for all related processes. Enables full, automatic defect containment from supplier to shop or shop escapes to supplier.



Dynamically Scaled Inspections

Dynamically scales inspection requirements according to real-time supplier performance KPIs. This ensures sufficient testing to maintain quality without extraneous QA. Customer-supplied tooling control is included.



Improved Communication

Streamlines interactions among suppliers, buyers, and quality managers. Supports two-way communication for inspection results, defect containment, supplier rating, DPPM graphs, discrepancies, and corrective action.



Non-Conforming Material Report (NCMR)

Uses source NCMRs to document material issues so the party responsible is notified of the problem. Users can then rework, repair, or scrap the materials as needed. Suppliers' history of NCMRs can be viewed to assess overall supplier quality.



Corrective and Preventive Actions (CAPA)

Leverages a closed-loop CAPA process to help accurately isolate the root cause of material issues and provides the integration needed for a cross-functional team to resolve them, with corrective action tracking.



Measurement System Analysis (MSA)

Ensures that measurement systems are accurate and variation in inspections is minimal. During the measuring phase, it collects data accurately, using the same measurements to provide contextualized 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 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.