

SOLUMINA

for Aerospace & Defense

Solumina® is a suite of Manufacturing, Quality and MRO software solutions designed to manage the complex requirements of highly regulated environments.

Eliminate Paper-Related Costs & Constraints

- Remove clerical work required to update, distribute and replace out-of-date documents
- Eliminate manual steps when verifying data and signatures are properly filled in on paper forms
- Ensure accurate documentation is used every time and changes are acknowledged by each user with real-time change management

Improve Quality, Reduce Scrap and Rework

- Improve performance to cost and schedule by reducing quality issues with Process control techniques that are directed at producing first-time-quality and reducing product variability
- Leverage Six Sigma strategies and quality metrics to drill down, identify and remove root causes of defects and rework
- Identify quality issues sooner by monitoring quality at suppliers, reducing cost of quality, scrap and rework

Improve Process and Product Variability

- Maintain process controls that assure each operator meets certification qualifications; each tool is properly calibrated; and the latest process documentation and instructions are used
- Monitor product and process quality with embedded in-process data collection and analysis features that alert operators of inconsistencies
- Identify areas where enhanced work instructions are needed for process improvement
- Provide real-time visibility of job status, schedule deviation, work assignment and constraints with real-time production work dispatch screens

Manage Complex Maintenance, Repair & Overhaul

- Improve detailed tracking of disassembly and reassembly of complex products
- Identify each service unit and any removed subassembly, major component or skin; carefully track and monitor the unit to determine if it's ready for reassembly
- Accurately capture labor costs and customer approvals of unplanned, over and above work

Streamline Coordination and Shorten Response Times

- Solumina complements and easily integrates with engineering (CAD, PLM) and ERP systems
- No longer rely on a patchwork of legacy systems and countless hours of reconciling to assure the correct data and signatures are recorded
- Reduce time waiting for corrections, deviation approvals or repair instructions through online processes and parallel approval communication steps

Reduce Cost of Regulatory Compliance

- Complete history documentation and parts genealogy traceability provides a full audit trail of work processes from design to execution and inspection
- Breeze through audits by implementing the strictest process management guidelines regulated by ISO 9001 and AS9100

Increase Operators' Productive Time

- Assure operators are assigned jobs free of constraints and ready to start
- Improve guidance and shorten learning times with easy to follow online work instructions, providing all the information needed at the operators' fingertips
- Allow operators to spend more time doing the job they're trained to do and less time looking for documentation



About iBASEt

iBASEt is a leading provider of software solutions to complex, highly regulated industries like Aerospace and Defense, Nuclear, Medical Devices, Industrial Equipment, Electronics, and Shipbuilding. iBASEt's Solumina software streamlines and integrates Manufacturing Execution System and Operations Management (MES/MOM), Maintenance, Repair and Overhaul (MRO) and Enterprise Quality Management System (EQMS) for operations and Supplier Quality Management.