

Quality, Risk, and Compliance (QRC) for Manufacturing

Manufacturing quality-related problems rarely stay contained within one department. A supplier issue becomes a production delay. An engineering change creates a shop-floor delay. A defective product on the shop floor drives scrap and rework. An equipment issue affects throughput. A customer complaint can expose a problem already moving across products, plants, or suppliers.

ComplianceQuest connects design, engineering, supplier, production, quality, safety, and customer processes on one AI-powered QRC platform. Manufacturers gain earlier visibility to risk, improved productivity, faster problem resolution, lower Cost of Quality, and more resilient operations.



Design Better. Catch Problems Earlier. Keep Production Moving.

Built for Complex Manufacturing Environments



Connected Quality Across the Manufacturing Lifecycle

“Quality problems rarely begin and end in one function. The advantage comes from connecting product, supplier, production, quality, and customer signals early enough to act.”

01

ProductQuest: Connect Design, Engineering & Quality



MANUFACTURING CHALLENGE

Disconnected systems for product requirements, BOMs, specifications, risks, FMEAs, engineering changes, verification, and quality make it difficult to assess production readiness, supplier requirements, and product quality.

CQ RESPONSE

ProductQuest connects the Products Lifecycle from Design Quality through Manufacturing Quality on the same platform, providing real-time traceability across product information, risks, changes, suppliers, production, inspections, nonconformances, and customer quality.

KEY CAPABILITIES

- ✓ Design Quality / Design Controls
- ✓ Design Reviews
- ✓ DFMEA & PFMEA
- ✓ Parts & BOM Lifecycle Management
- ✓ Product Requirements & Traceability
- ✓ Engineering Change Control
- ✓ Product Risk Management
- ✓ Develop Control Plans
- ✓ Verification & Validation
- ✓ Aligns to APQP / PPAP

02

PartnerQuest: Prevent Supplier Issues Before Production



MANUFACTURING CHALLENGE

Late, defective, or changed components can impact yield, production schedules, customer commitments, and cost across products and sites, while limited visibility beyond supplier approval makes ongoing quality and performance risk difficult to assess.

CQ RESPONSE

PartnerQuest connects supplier onboarding, qualification, audits, incoming quality, changes, corrective actions, certifications, and performance to identify risk earlier and collaborate on resolution.

KEY CAPABILITIES

- ✓ Supplier Onboarding & Qualification
- ✓ Approved Supplier Management
- ✓ Supplier Audits
- ✓ Incoming Supplier Quality
- ✓ Supplier Corrective Actions / SCAR
- ✓ Supplier Quality Events
- ✓ Supplier Change Management
- ✓ Supplier Scorecards
- ✓ Predictive Supplier Intelligence

**03**

QualityQuest: Prevent Problems. Reduce Waste, Rework & Disruption.



MANUFACTURING CHALLENGE

Defective material, failed inspections, equipment failures, process deviations, and recurring defects increase Cost of Poor Quality, reduce yield, decrease productivity, and put delivery commitments at risk.

CQ RESPONSE

ComplianceQuest QualityQuest connects nonconformances, equipment, investigations, corrective actions production and quality records so teams can contain issues faster, identify root causes and prevent recurrence.

KEY CAPABILITIES

- ✓ Nonconformance Management
- ✓ MRB / Disposition
- ✓ Root Cause Analysis
- ✓ Corrective Action Management
- ✓ Equipment Calibration & Maintenance
- ✓ Incoming, In-Process & Final Inspections
- ✓ Production Record Linkage
- ✓ Product / Lot / Serial Traceability
- ✓ Recurrence Analysis
- ✓ Audit-Ready Documentation

04

BatchQuest: Digitize Production. Build It Right, Every Time.



MANUFACTURING CHALLENGE

Paper travelers, spreadsheets, disconnected work instructions, and manual production records make it difficult to standardize execution across shifts, ensure process compliance, improve first-pass yield, and identify production exceptions before they impact throughput.

CQ RESPONSE

ComplianceQuest BatchQuest production records execution and the complete manufacturing record in real-time. Production staff are guided through each step with the correct instructions, specifications, inspections, training requirements, and data capture while quality issues and exceptions are connected directly to the production record.

KEY CAPABILITIES

- ✓ Digital Production Records
- ✓ Guided Production Execution
- ✓ Digital Work Instructions
- ✓ Operator Training Verification
- ✓ In-Process Inspections & Verification
- ✓ Barcode / Serial / Lot Data Capture
- ✓ Product/Part Traceability
- ✓ Equipment & Tool Verification
- ✓ Exception & Nonconformance Capture
- ✓ Electronic Signatures
- ✓ Review by Exception
- ✓ ERP / MES Integration

**05**

Risk Management: Make Changes Without Creating New Problems



MANUFACTURING CHALLENGE

Engineering, supplier, material, equipment, process, and specification changes can create downstream quality, production and product launch issues when impacts are not understood before release. Risk and audit information is often disconnected from the change itself.

CQ RESPONSE

ComplianceQuest manages risk by connecting change planning, cross-functional impact assessment, approvals, implementation, verification, audits, findings, and corrective actions so teams understand what a change affects and maintain assurance throughout execution.

KEY CAPABILITIES

- ✓ Change Requests & Change Orders
- ✓ Cross-Functional Impact Assessments
- ✓ AI-Assisted Change Impact Analysis
- ✓ Risk-Based Reviews
- ✓ Product & Process Risk
- ✓ Implementation Management
- ✓ Verification & Effectiveness
- ✓ Audit Planning & Findings
- ✓ Investigation Management

06

Intelligence: Turn Manufacturing Data Into Decisions



MANUFACTURING CHALLENGE

Traditional reports explain what happened. Manufacturing leaders need visibility into emerging quality risks, declining yield, supplier performance issues, recurring defects, equipment trends, and operational bottlenecks before production performance is impacted.

CQ RESPONSE

CQ Intelligent Analytics transforms connected product, supplier, production, quality, safety, and customer data into actionable intelligence for plant, quality, operations, engineering, and executive leaders.

KEY CAPABILITIES

- ✓ Quality Maturity Index
- ✓ Site Performance Scoring
- ✓ Manufacturing KPIs
- ✓ Cost of Poor Quality Insights
- ✓ Predictive Analytics
- ✓ Trend & Recurrence Analysis
- ✓ Executive Dashboards
- ✓ Cross-Site Comparisons

07

SafetyQuest: Protect Your People. Keep Operations Running.



MANUFACTURING CHALLENGE

Workplace incidents, environmental hazards, equipment risks, and unsafe conditions can affect employees, contractors, production continuity, cost, and business performance.

CQ RESPONSE

SafetyQuest connects incidents, near misses, environmental risk, corrective actions, and operational controls so manufacturers can reduce exposure while supporting safe, reliable operations.

KEY CAPABILITIES

- ✓ Incident Management
- ✓ Near-Miss Reporting
- ✓ Safety Inspections
- ✓ Risk Assessments
- ✓ Corrective Actions
- ✓ Environmental Management
- ✓ Employee & Contractor Safety
- ✓ Predictive Safety Intelligence
- ✓ Mobile Reporting

08

Drive Operational Excellence Through Connected Quality



MANUFACTURING CHALLENGE

Disconnected engineering, supplier, production, quality, equipment, safety, and customer data makes it difficult to identify emerging issues, understand their true cost, reduce downtime, and continuously improve throughput and performance across sites.

CQ RESPONSE

ComplianceQuest connects the manufacturing lifecycle from design and supplier quality through production records, quality events, equipment, safety, and customer feedback. Leaders gain the visibility needed to improve throughput, reduce disruption, and continuously improve manufacturing performance.

KEY CAPABILITIES

- ✓ Manufacturing Quality Visibility
- ✓ Cost of Poor Quality Insights
- ✓ Cross-Site Performance Benchmarking
- ✓ CAPA & Corrective Action Management
- ✓ Equipment Reliability Insights
- ✓ Operational Risk Monitoring
- ✓ Continuous Improvement Tracking
- ✓ Executive Performance Dashboards



CQ.AI

Applied Intelligence Across Design, Production & Quality

Why CQ.AI

Manufacturing AI is most valuable when it understands the connected context around products, requirements, suppliers, production records, processes, equipment, quality events, and people.

CQ.AI turns connected QRC data into recommendations, predictions, and actions inside governed workflows while preserving human review, approval, accountability, and traceability.

39 Applied AI Use Cases Across the Platform



AI Manufacturing Organizations Can Trust

Some of CQ.AI Capabilities

- ✓ Engineering Change Impact Analysis
- ✓ Supplier Risk Intelligence
- ✓ Production Exception Intelligence
- ✓ Conversational Quality Event Reporting
- ✓ Investigation Intelligence
- ✓ Root Cause Recommendations
- ✓ Similarity & Recurrence Search
- ✓ Risk Assessment Support
- ✓ Predictive Quality Intelligence
- ✓ Next Best Action Recommendations
- ✓ Knowledge & Training Generation

Grounded in connected CQ data and protected by the Salesforce trust architecture, CQ.AI respects role-based access, preserves human review and approval, logs AI assistance, and maintains traceability to source records. Customer data is not used to train external AI models.

**Humans remain in control.
Review. Decide. Approve.**



Business Outcomes Across the Manufacturing Lifecycle



Trusted by Industry Leaders





Connected Quality for Discrete Manufacturing

From Design to Supplier to Production to Customer.



Connect Product,
Engineering & Quality



Strengthen Supplier Quality &
Performance



Digitize Production Records &
Execution



Reduce Scrap, Rework & Cost
of Poor Quality



Accelerate Investigation &
Corrective Action



Turn Manufacturing Data Into
Intelligence

ProductQuest • PartnerQuest • BatchQuest • QualityQuest • SafetyQuest • CQ.AI



COMPLIANCEQUEST



About ComplianceQuest

ComplianceQuest is the **#1 AI-powered Quality, Risk, and Compliance (QRC) system** that connects product, manufacturing, people, and partner quality in a single system. Built on Salesforce, the platform delivers end-to-end visibility, AI-driven intelligence, and enterprise-scale execution, enabling organizations to **prevent risk, ensure compliance by design, and turn quality into a driver of growth.**

By replacing fragmented systems with a single, intelligent platform, ComplianceQuest empowers enterprises with AI-driven automation, real-time insights, and predictive analytics, helping leaders embed compliance, enhance collaboration, and make smarter, faster decisions.

For more information, or to request a demo with a ComplianceQuest expert, contact us today:

- Visit www.compliancequest.com
- Email us at marketing@compliancequest.com
- Call us at 408-458-8343

