

SOLUTION OVERVIEW

The Cincom Integrated Compliance Platform

Cincom Internal Quality Management is a fully integrated part of the Cincom Integrated Compliance Quality Platform. Cincom Enterprise Compliance and Quality Management provide an enterprise-wide solution for managing non-compliance and corrective actions, complaint handling, internal and external assessments, document control, SOP enforcement, employee certification and training, equipment/calibration and supplier quality management. This powerful solution enables you to manage compliance and quality across your entire business, helping you meet regulatory requirements, increase efficiency and reduce costs.

Easily access complete historical information on your suppliers including rating, material certification, receipt, inspection, non-conformance, corrective action, and supplier contact with Cincom Internal Quality Management.

Cincom Internal Quality Management

Powered by Q&MIS®

Ensuring Quality Shop-floor Operations



Cincom Internal Quality Management is an innovative quality management application that allows you to control your internal processes, manage lot traceability and centralize internal quality management information. Similar in structure to Cincom's Supplier Quality Management, Internal Quality Management can be linked to most popular ERP Systems enabling a two-way exchange of data. Cincom Internal Quality Management offers a wealth of features and a high degree of flexibility. Once implemented, Internal Quality Management will reshape the way you conduct your internal process control operations.

Cincom Quality Management Modules

- Cincom Internal Quality Management
- Cincom Supplier Quality Management
- Cincom Maintenance Management
- Cincom Calibration Management

Capabilities & Benefits

Online Inspection Plans and Procedures

Cincom Internal Quality Management is fully integrated with Cincom Document Lifecycle Management to ensure that the most current Standard Operating Procedures (SOPs) and drawings for all inspection activities are available online. It also has been designed to integrate with other document management systems to achieve the same level of integration. Additionally, inspection plans outlining the criteria to be used to inspect production orders can be set up in the system. Among these criteria are various types of sampling plans (ANSI/ASQ standards such as C = O and Z1.4), Acceptable Quality Level (AQL), attribute characteristics, measurable characteristics, checklist items and others. Inspection/quality plans containing these criteria can be routed for approvals through the appropriate personnel.

Integrated Inspection Systems

The manufacturing order information from your ERP/MRP system can be downloaded to Internal Quality Management which then analyses the data and schedules the appropriate Inspection processes for each stage of production. Each inspection lot allows the input of data for each discrete item as well as the ability to support serial number tracking and reporting. Its sophisticated sampling plan system determines whether lots need to be inspected (skip lot inspection capabilities). Additionally, it automatically reduces or increases the inspection sample size based on past inspection results.

Online Reporting and Analyses

Cincom's Internal Quality Management out-of-the-box analytical capabilities include online, multi-tiered Pareto Analysis reports to help you drill down on a problem area related to your shop floor work centers base. It helps you identify poorly performing operators and work centers.

Online Reporting and Trend Detection

Cincom Internal Quality Management provides online access to complete historical information on each supplier including rating, material certification, receipt, inspection, non conformance, corrective action and supplier contact. These reporting capabilities provide management with instant visibility into critical issues such as daily and monthly supplier quality trends. Supplier Quality Management lets you create user-defined choices for reports and graphs on specific suppliers and/or supplier products. It automatically calculates supplier rating and material certification based on user-defined formulas on quality, delivery, service, quantity, costs and audit results. Unique supplier ratings also can be configured for different sites of your organization. As a result, problem areas are detected and trends are identified so that you can make the right supplier decisions for your business.

Closed-Loop Supplier Non-Conformance/Corrective Action (NC/CA) Process

Through a closed-loop NC/CA process, Supplier Quality Management helps you control your external suppliers and reduce the cost of supplier errors including late deliveries, defective raw materials and wrong orders. It identifies and tracks supplier non-conformance status and electronically transmits requests and responses via e-mail or through a supplier-specific website. It also features an electronic and workflow-oriented material review board process (MRB) to ensure swift disposition and action on defective materials. Suppliers also can be setup with access to their own performance data so they have firsthand information on how well they are doing. The result is a significant reduction in raw material defects and costs related to scraps and reworks.

Regulatory Requirements and Validation

With role-based securities, password authentication, an audit trail and a swift validation process, Supplier Inspection complies with electronic signature, electronic records and software validation requirements. Supplier Inspection also meets various government regulations and ISO standards.



Capabilities and Benefits

Quality Plan (Procedures)

Sampling Plan	Define sampling plan to reduce or tighten inspection and specify acceptable quality levels at characteristic level and toolkits
Inspection Plans	Maintain inspection plans of variables, attributes, checklist items and plan revisions
Shipping Checklist	Identify characteristic and quantity checklists against Customer shipments

Inspections

Hot Lists	Get a checklist of "Hot" items to ensure fast processing to support production plans
Inspections	Ensure inspections are executed correctly based on established criteria (sampling plan, skip lot and defined procedure)
Move Tickets	Create bar-coded move tickets to improve accuracy in the production environment and guard against misidentified materials
Initial Inspections	Manage first article and sample inspection schedules and skip-lots for parts; store inspection data for further analysis
Serial Numbers	Serialize parts upon inspection to ensure traceability from one operation to the next
Non-conformances (N/C)	Identify and document non-conformances based on failed inspections
Define Defects	Define defect quantity and type of defects associated with established specifications

Non-conformances (Defects)

Disposition and Root Cause	Provide appropriate personnel immediate notification about failed inspection to ensure fast corrective action
Traceability	Record inspection results against individual serial numbered parts
Material Review Board (MRB)	Initiate MRB for critical non conformances and route the nonconformance records for MRB approval electronically.
Cost Tracking	Track quality costs for each Non Conformance including costs for rework and subsequent inspection

Non-Conformance/Corrective Action

Notification	Notify using email interested parties that a NC/CA has been created or needs attention
NC/CA	Monitor closed-loop non-compliance and corrective-action tracking based on failed inspections and N/C found during manufacturing process
Reviews	Define NC/CA follow-up review to ensure that the corrective actions were effective
RMA	Linked to shipping records to provide closed loop process

Reports and Analysis

Trends	Analyze Monthly Trends by Quality, Inspection, and Nonconformance Data.
History	View all occurrences of similar failures across all plants, all work centers and all lots
Manager Console	View all tasks needing completion and follow-up

Cincom Manufacturing Business Solutions

Cincom helps manufacturers accelerate operational excellence by developing and delivering enterprise software applications that simplify business processes and dramatically reduce costs. Cincom applications streamline quote-to-order processes; integrate product and process development; provide comprehensive enterprise management and deliver enterprise compliance, quality management and fact-based performance management. Cincom is a leader in the manufacturing software industry with over three decades of experience, providing deep domain expertise for rapid and continuous return on investment. Cincom has helped leading companies like American Power Conversion, GKN Aerospace, Trane, Siemens, Air Products, Rolls Royce, Oshkosh Truck, Alliant Energy and many others. For more information about Cincom's products and services, contact Cincom at 1-800-2CINCOM.

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World Headquarters • Cincinnati, OH USA • US 1-800-2CINCOM
Fax 1-513-612-2000 • International 1-513-612-2769
E-mail info@cincom.com • <http://www.cincom.com>

