

## SOLUTION OVERVIEW

### The Cincom Integrated Compliance Platform

Cincom Calibration 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.

**Improve the accuracy and prolong the life of your equipment and optimize data collection by implementing Cincom Calibration.**

# Cincom Calibration Management Powered by Q&MIS®

Comprehensive solution for equipment and measurement devices management



## Cincom Calibration Management Benefits

Given the complexity of the manufacturing environment and the importance of precise measurements, calibration and equipment management has emerged as the first line of defense to prevent product non-conformances.

Cincom Calibration Management features:

- Online procedures and worksheets
- Intelligent scheduling
- Equipment and measurement devices inventory management
- Regulatory requirements and validation
- Online data entry and reporting

## Online Procedures and Worksheets

Cincom Calibration Management is fully integrated with Cincom's Document Lifecycle Management System to ensure the most current Standard Operating Procedures (SOPs) and drawings are available online and will be used for Repeatability and Reproducibility (R&R) studies and Calibration activities. It can also be integrated with other document management systems. Additionally, you can set up worksheets outlining the criteria to perform R&R study and calibrate "measurement devices and equipment" (Equipment). Among these criteria are general Equipment conditions and measurement characteristics that apply to specific Equipment such as ambient recordings, number of samples and point measurements. Worksheets containing this criteria can be routed for approvals through the appropriate personnel.

## Intelligent Scheduling

Cincom Calibration Management features sophisticated statistical tools to manage Equipment scheduling. The system analyzes past results to optimize future calibration and R&R schedules ("automatic switching of schedules"). Moreover, it allows you to set up a holiday/weekend calendar and "stop the clock" of Equipment usage. You can also define multiple types of schedules for Equipment, including short-term calibration, long term maintenance, R&R study, repair activities and others. This intelligent scheduling improves the precision of measurements and machines, optimizes resource utilization and reduces product non-conformances.

## Equipment Inventory Management

Cincom Calibration Management can be used to manage Equipment inventory and track assets. It allows you to record the following information of your Equipment: availability for use, ownership, location, department, status of equipment life, repair activities, quality costs and warranty information. Cincom Calibration Management allows multiple and simultaneous Equipment check-in and check-out from the inventory. This saves you time and cost. Moreover, you can track Equipment usage history including cross-referencing between Equipment and products. In case of product non-conformances and recalls, the Equipment and product traceability is extremely valuable to assist in your root cause analysis. This traceability also facilitates global product recalls in case of Equipment non-conformances.

## Regulatory Requirements and Validation

With role-based securities, password authentication, audit trail and swift validation process, Cincom Calibration Management complies with electronic signature, electronic records and software validation requirements. The Cincom Calibration System also meets various government regulations and ISO standards.

## Online Data Entry and Reporting

Cincom Calibration Management is fully integrated to Cincom's Training Management system. This integration ensures only certified personnel can perform critical calibration and R&R activities. With Cincom Calibration, you can enter the results of your calibration and R&R study online through compatible data collection tools. If you are working with external calibration laboratories, you can automatically import data from these labs into the system for storage and traceability. This automatic import eliminates human data-entry errors.

Cincom Calibration Management has over 80 standard reports for use throughout the organization. Cincom Calibration reporting capabilities give management instant visibility into trends and history for early detection of problems.



# Capabilities and Benefits

## Reduce Non-Conformances and Meet Regulatory Compliance

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<b>Time-/Usage-Based Scheduling</b>	Schedule calibration and R&R study based on elapsed time or frequency of usage, optimizing the verification of Equipment condition
<b>Automatic Schedule Switching</b>	Automatically modify and switch calibration and R&R schedules based on NCSL reliability model, ensuring early detection of possible failures
<b>Checkout Prevention</b>	Prevent Equipment due for calibration or R&R study to be checked out for use
<b>Traceability and Cross-Reference</b>	Cross-reference Equipment and products in case of product non-conformances and/or Equipment failures for fast traceability and recall
<b>Current Documents</b>	Ensure that employees access the latest procedures through integration with a document management system
<b>Certified Technicians</b>	Ensure that only certified technicians can perform assigned tasks, reducing defects

## Increase Productivity and Drive Down Cost

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<b>"Stop the Clock" (seal/unseal)</b>	Stop the calibration and R&R study schedule for inactive equipment, saving labor time
<b>Schedule Multiple Events</b>	Assign multiple events including calibration, repair, maintenance, etc. to Equipment and schedule for each event for complete equipment management
<b>Equipment Inventory</b>	Centralize Equipment information including purchasing, identification, warranty, status, history and stages for appropriate Equipment usage
<b>Equipment Tracking</b>	Manage inventory through a check-in/out system that will track when, how and for what purpose the Equipment is used
<b>Repair Management</b>	Manage repair activities through completion, optimizing Equipment uptime
<b>Things To Do List</b>	Keep appropriate personnel up-to-date on tasks and work items needing attention through e-mail notifications and task lists

## Reduce Data Entry Time and Human Error

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<b>Data Entry Worksheet</b>	Create worksheets containing Equipment measurement characteristics for a product/manufacture group, eliminating redundant data entry
<b>Direct Data Entry</b>	Enter measurement data directly from hand-held data collection devices (RS-232 port), eliminating human entry error
<b>Upload of data entry</b>	Import and export calibration data to MS Excel for offline data collection, expediting data entry
<b>Rapid Entry and Check-In/Out</b>	Create multiple records of similar equipment simultaneously and group Equipment for rapid check-in/out

## Support Fast, Informed Decision-Making

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<b>E-mail Notification</b>	Provide appropriate personnel immediate notification about failed calibration to ensure fast corrective action
<b>Analysis Tools</b>	Analyze trends in equipment movement, calibrations performed or failed, repair requests, etc. for visibility to Equipment activities
<b>Calibration Certificate</b>	Generate custom or NCSL-guideline-based certificate for calibration to support audit activities
<b>Bar Code Label</b>	Print bar code labels for calibration stickers and Equipment identification to increase accuracy and traceability
<b>Cost Tracking</b>	Track quality costs for each piece of Equipment including costs for calibration and repair management

## 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](mailto:info@cincom.com) • <http://www.cincom.com>**

