Elemica

Assure | Manufacturing Quality Management

Digitize, automate and integrate key QA/QC transactions to streamline administration and transform quality-related economics.

Challenge

According to a recent study, each dollar spent on the prevention and early detection of quality issues saves approximately $10 in operational costs—and around $100 in failure costs. But where should you spend those dollars? How are you spending them now? And how can you use data to truly identify, understand and avoid the costs associated with quality shortcomings?

This can be more difficult than it seems. A mere 17 percent of companies truly understand their facility's total cost of quality. Most manage the obvious metrics such as yield, inspection, field services, rework, etc. But at the same time, more subtle costs continue to do damage behind the scenes. These include the cost of engineering change orders, poorly allocated working capital, excess inventory and more.

Enterprise Resource Planning (ERP) systems, as well as multi-disciplinary quality sciences, have come a long way in helping us keep things up to spec. But what about quality impacts from trading partners? From managing supplier quality to validating specifications with customers, your ERP alone just isn't enough.

Solution

The Elemica Assure™ Manufacturing Quality Management module digitizes and connects manufacturing quality-related data from across your operation and supply chain. Connect an unlimited number of suppliers, as well as all in-house departments, to help see and manage quality transactions through a centralized portal.

Users can feel good about reducing both the high-profile and more pernicious latent costs associated with quality issues. In addition, you're able to reduce supplier non-conformance response times by up to 66 percent by:

- Capturing total cost of quality calculations
- Simplifying non-conformance creation
- Automating non-conformance follow-up
- Leveraging integrated statistics
- Accessing real-time specifications

- Skipping lot testing notifications and more

This easy-to-use platform gives you real-time, multi-plant visibility into multiple aspects of your QA/QC program. You'll be able to identify areas of global improvement more easily, compare the quality performance of multiple facilities and analyze supplier quality results more efficiently.

- **Improve quality KPIs**
- **Lower total cost of quality**
- **Reduce working capital requirements**
- **Increase overall throughput**
- **Optimize resource allocation**
- **Decrease customer returns**

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At a Glance
Manufacturing Quality Management

Features

01 Dedicated Manufacturing Quality Management portal where you can access comprehensive data and take action

02 Allows users to assess both micro and macro quality data, moving from product-specific data to multi-facility trends

03 System helps improve audit performance and reduce audit-related stress via real-time and historical data

04 Enables exchange of quality data, inspections, certifications, etc. across the supply chain

05 Manufacturing inputs with final components or products, to track the total lifecycle of raw materials

06 Perform batch quality assessments

Benefits

Track which products were made from which raw materials or components, for easier product genealogy

Transform the economics of your quality function, reducing the total cost of quality and improving complementary functional performance

Spend less time and money on quality-related admin, and bring more responsiveness to issues

Optimize resources allocated to the quality, inventory and operations management functions

Improve the quality of QA/QC-related decisions in a more timely manner

See and assess supplier performance more effectively

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