



## QAD CEBOS ENTERPRISE QUALITY MANAGEMENT SYSTEM (EQMS)

**M**anufacturers face ever changing customer demands that result in faster lifecycles, an increasing supplier dependency by OEMs and additional manufacturing complexity. This increases the pressure for better initial quality, which requires constant process visibility and a preventative approach to avoid quality issues and improve manufacturing performance.

Manufacturers that do not give quality a high priority end up paying more for it. This hidden cost of quality can be as much as 40% of the operational cost to a manufacturer. Organizations that use a comprehensive approach to prevent quality issues and standardize quality processes across the organization considerably reduce the hidden cost of quality. Companies with significant growth and a high level of New Product Introduction (NPI) can realize even greater savings. Manufacturers that fail to implement integrated quality processes and reporting are at a strategic and competitive disadvantage.

### HOW CAN MANUFACTURERS IDENTIFY AND REDUCE THE HIDDEN COST OF QUALITY?

Many costs of quality appear late in the product development cycle after the issue has increased in severity and impact. This is too late!

By improving quality visibility and processes across the enterprise, manufacturers not only reduce the hidden cost of quality, but also improve customer satisfaction.

### IS THE COST OF NEW PRODUCT INTRODUCTION HIDDEN UNTIL THE FIRST RUN?

Quality issues are created or mitigated during the product introduction process. Having a formal advanced product planning process strengthens product integrity from design through manufacturing, and reduces downstream interruptions and cost.

### WHAT ARE THE RISKS OF SUPPLIER QUALITY ON DELIVERY TO YOUR CUSTOMER?

Managing supplier non-conformance significantly reduces issues with on time delivery. Also, by identifying quality issues, root causes and remedies, the risks to customer delivery and satisfaction are reduced.

## Outcomes

Area	Impact
On Time Delivery	2-4%
New Product / New Program Introduction Rates	5-6%
Inventory Availability / Lead Time Reduction	3-4%
<b>Supplier Performance</b>	<b>5-10%</b>
<b>Supplier Charge Backs</b>	<b>10-15%</b>
Audit / Inspection Costs	12-20%
<b>Non-Conformance Occurrence</b>	<b>10-25%</b>
Rework Costs	7-10%
<b>Cost of Quality (CoQ)(Good and Poor)</b>	<b>8-12%</b>
<b>Manufacturing Operating Margin</b>	<b>5-7%</b>

## Key Strengths

### Preventative APQP

(Advanced Product Quality Planning) significantly lowers supply chain risks and cost of quality

**Standardize and enforce quality** internally and across the entire supply chain with single source of truth

**Rapid implementation**, based on proven methodologies, results in faster ROI

**Easily tailor and personalize** the applications to improve user effectiveness.

**Readily integrates** with other business systems (ERP, PLM, CRM, etc.)

## Core Capabilities

QAD CEBOS EQMS (Enterprise Quality Management System) is a fully integrated enterprise solution that provides timely visibility into manufacturing and quality related issues. It facilitates a preventative approach resulting in reduced cost of quality, improved manufacturing throughput, improved customer satisfaction and higher manufacturing margins. QAD CEBOS EQMS highlights include:

Integrated **training compliance** allows for automated management of training requirements with succession development planning.

**Non-conformance system** allows tracking and resolution of any defect

through an 8D process for customer, supplier and internal quality issues.

**NPI and change management** system with task and gate management includes management of risk documentation (FMEA) and

connections to other manufacturing documents like process flows and control plans.

**Audit System** allows scheduling, tracking, and follow up of any type of audits including regulatory and process audits.

## Core Capabilities (CONTINUED)

### Program Quote Management

utilizes automotive industry best practices to provide informed sourcing decisions based on quality criteria gathered from the supplier management system and input from suppliers.

Easily create and manage projects from **predefined templates**.

Easily **tailor and personalize** without the need for outside services or highly technical resources.

Implement with [QAD Adaptive ERP](#) or **integrate with any other ERP**.

Supports **compliance** with industry vertical ISO 9001 based requirements, and supports compliance tracking and related audits and reduce expediting costs.

<b>IATF 16949</b> Software Suite	✓
<b>ISO 9001</b> Making Compliance Easy	✓
<b>ISO 13485</b> Software Suite	✓
<b>ISO 14001</b> Software Suite	✓
<b>ISO 18001</b> Software Suite	✓
<b>MMOG/LE</b>	✓
<b>Veracode</b> Level 4	✓



QAD CEBOS EQMS delivers a comprehensive set of quality capabilities.

Take advantage of the no cost [QAD CEBOS EQMS Business Case Analysis](#) and take the first steps in turning the cost leak to margin improvement.



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