



Quality Risk Management

Automotive



EXCELLENCE IN DESIGN AND MANUFACTURING DRIVES YOUR INVESTMENT IN CONTINUOUS IMPROVEMENT.

BENEFITS

- Enable critical expert knowledge retention & sharing
- Increase engineering efficiency to perform FMEAs
- Accelerate time to market for new product introductions
- Provide enterprise visibility to risk profiles from the enterprise level down to specific categories and groupings
- Manage change more effectively

Vehicles continue to rapidly evolve in their sophistication. The challenge to automotive companies is to meet the demands of complex products and reduced innovation cycles while maintaining high quality products. It has become clear that the sophistication of the tools and processes used in quality risk management programs need to evolve to support today's reality.

Many companies have adopted standards such as ISO 9001 or ISO 26262 and implemented quality management systems (QMS) - however they continue to struggle with:

- Silos of quality information managed by departments or by business units
- Knowledge management and retention of lessons learned
- Ensuring closed-loop processes where all action items are assigned, addressed and closed
- Visibility into risk profiles and quality metrics across the enterprise, down to specific categories and groups

What software and technologies support your management systems?

The Sphera Quality Risk Management Solution connects your organizational knowledge, integrates your processes and empowers your people to meet customer demands for product quality excellence.

The solution, with its proven enterprise software, content and domain expertise, helps companies strengthen and improve their product quality processes. It does this by enabling rigorous and proactive risk assessment methodologies such as Failure Modes and Effects Analysis (FMEA) and Advanced Product Quality Planning documents. It creates a central knowledge base for your company – allowing you to improve design and manufacturing by leveraging lessons learned and reducing the communication gap between departments and business units that lead to repeat mistakes and potentially costly recalls.

RESULTS

“The Sphera solution has helped us reduce development time while increasing the quality and consistency of our Advanced Product Quality Planning (APQP) documents.”

-Global Automotive Supplier

“The Sphera solution strengthens our quality improvement management system, ensuring consistency and collecting data to help us reduce quality non-conformance and gain visibility into all FMEAs across the company.”

-Global OEM Manufacturer

“The Sphera solution has put more visibility on the process. In the past, we didn't know if: (a) these activities were being done; and (b) what level they were being done at. Now, we can measure those things, so the ability to measure performance gives us the ability to improve it.”

-Global OEM Manufacturer

With the Sphera Quality Risk Management Solution you can...

Link Critical Quality Information

- Create knowledge-driven, data-centric libraries to gain consistency within the corporations FMEAs and control plans across the enterprise.
- Ensure shared quality specifications are linked appropriately at each step of the lifecycle so that data is entered once and synchronized across stages.
- Enable better traceability for compliance or customer requirements to more effectively respond to audits or customer requests.

Create the Capacity for Knowledge Retention & Sharing

- Ensure that critical engineering knowledge is captured and retained within your organization.
- Create a comprehensive knowledge-base of experiences, built on a consistent vocabulary of failure modes, effects and other quality characteristics. This library of lessons learned is then easily and directly accessible in subsequent development cycles to improve the quality of designs.

Improve Product Quality

- Systematize action management, recommendation tracking, corrective and preventive actions (CAPA) and change management to ensure a closed-loop process and prevent repeat issues.

Gain Consistency and Visibility

- Improve the consistency of risk ranking by having standardized definitions and applications for likelihoods, consequences, and severities across teams.
- Increase visibility into risk assessments across manufacturing sites, design centers, projects, business units and the global enterprise to prioritize and mitigate top risks.
- Produce quality management reports and dashboards to surface risk data previously unseen to help reduce product defects, recalls and minimize production downtime.

Increase Efficiency

- Shorten time to conduct risk assessments, increase engineer productivity and accelerate time-to-market by providing the ability to share knowledge and automate processes across departments and teams.
- Consolidate and streamline quality risk data that may currently be dispersed over numerous documents or spreadsheets across your organization so that they are turned into collaborative specifications that enable continuous improvement.

Leverage a Community of Best Practices

- Gain access to a community of industry-leading peers, as well as Sphera domain experts. The combination of which have created content and best practices that accelerates your time to value and helps you attain your next round of continuous improvements.

ABOUT Sphera Solutions

Sphera is the largest, global provider of software and information services in the operational risk, environmental performance and product stewardship markets. For more than 30 years, we have served over 2,500 customers and hundreds of thousands of users in 70 countries optimize workflows and navigate the complex and dynamic global regulatory structure.

www.sphasolutions.com
For more information email us at :
operationalexcellence@sphasolutions.com