

Assess Risk to Ensure Quality in Design and Manufacturing Processes

OVERVIEW

Facing numerous challenges from increasing global competition, this well-known consumer appliance manufacturer developed a strategy centered on R&D and innovation to produce new technology that would satisfy client needs.

To preserve the quality of its design from conception to manufacturing, post-market upgrades and productivity changes, this Manufacturer performed Failure Mode and Effects Analysis (FMEA). This approach helped reduce errors throughout the product lifecycle and avoid costly failures and recalls.

While FMEAs allowed the Manufacturer to ensure the quality of their design, the assessment process required many manual hours using standard spreadsheet software to edit, update and format risk reports.



Consumer Appliance Manufacturer



Discrete Manufacturing



Global

\$4.5 billion
Revenue

23,000+
Employees

CHALLENGES



**Inefficient
analysis of risk**



**Difficulty
upholding
standards**



**Reactive
mitigation of
product failures
and recalls**

SOLUTION

SPHERA'S ADVANCED RISK ASSESSMENT SOFTWARE

The Manufacturer turned to Sphera to improve its quality risk assessment process.

Sphera's Quality Risk and FMEA-Pro solutions offer a framework, configurable methodologies, and risk assessment templates to ensure proper controls are in place. This helps process and discrete manufacturers:

- Eliminate complex documents and spreadsheets
- Maintain consistent analysis of product design and manufacturing processes
- Apply best practices and retain critical expert knowledge
- Leverage preformatted industry standard FMEA templates
- Link design and manufacturing data sets across the different stages of product life cycle



"Sphera's solutions organize our corporate-wide quality, risk and reliability programs based on our standards, driven by our customers and industry best practice."

RESULTS

With Sphera, the manufacturer was able to more effectively analyze its products and processes per industry standards and report on risks in real-time. And it is now positioned to expand more rapidly and produce high quality, reliable products faster to remain competitive.



More accurately analyze

risks in product design and manufacturing processes



Comply with regulations,

industry standards, and internal company requirements



Proactively reduce

the potential for product failures and recalls



Increase customer satisfaction

and help improve focus for further innovation

Is your organization ready to understand critical dependencies, control effectiveness and better allocate time and resources toward managing risk where it matters most?

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