

# FMEA-Pro®

## Minimize Risk Exposure



BETTER ANALYZE PRODUCT DESIGNS AND MANUFACTURING PROCESSES,  
DRAMATICALLY SHORTEN ASSESSMENT TIME, AND PREVENT FAILURES  
FROM HAPPENING IN THE FIRST PLACE

### REGULATORY COMPLIANCE

FMEA-Pro helps organizations with quality, risk and reliability programs based on company or industry standards and guidelines including:

- SAE J1739, ARP 5580,
- IEC 60812
- ISO 9001, ISO 16949,
- ISO 26262
- APQP 4th Edition
- Reliability Centered Maintenance (RCM) II
- MIL STD 1629A, 8820

Sphera FMEA-Pro, a leading Failure Mode and Effects Analysis software solution, provides consistency with quality risk assessments and assists with compliance with industry and company standards.

### Challenges of Quality Planning

Companies need to conduct an efficient and thorough quality planning process in order to remain competitive. Even with the best strategies in place you can run into a number of significant challenges with serious implications such as:

- Difficulty coordinating risk analyses for cross-functional and multi-disciplinary teams, resulting in costly mistakes.
- Inadequate, improper, and inconsistent failure analyses that result in lower quality products, possible recalls, damage to reputation and liability costs.
- Inability to retain critical engineering knowledge that results in repeat issues and costly re-work.

### Why FMEA-Pro?

Organizations that use first generation software tools for risk analyses get inundated with enormous and cumbersome documentation over time, causing them to react to random variations in the manufacturing process.

FMEA-Pro offers a user-friendly, flexible, and knowledge-based solution that has evolved through extensive commercial use over the last decade to meet the requirements at many of the world's largest companies. It is a proven technology, with preformatted standard FMEA templates and a myriad of features that are user-friendly and intuitive.

*“We reviewed other solutions, but the Sphera solution proved to have the most configurable libraries, drove actions more efficiently and allowed us to save a great amount of time. The best way for us to tell that the solution is working is when a problem doesn't occur.” – Global Manufacturer*

## EXTENSIVE CAPABILITIES

- Enhanced Release Management
- Criticality Matrix
- Recommendations Manager
- Dynamic link of diagrams with worksheet
- Professional reports exportable in HTML, MS Word, MS Excel
- International support such as multi-language and right to left data entry
- Enhanced Autotype and Copy features

## Knowledge Base

FMEA-Pro comes equipped with valuable professional libraries to help you generate new ideas more easily, and enter information quickly and efficiently in your assessments. The software also includes built in and fully configurable risk ranking scales. Past assessments can be reused to retain valuable corporate knowledge and ensure that engineering expertise is retained and accessible, including past failure modes. FMEA-Pro supports a large range of risk assessment techniques such as: Failure Mode and Effects Criticality Analysis (FMECA); Control Plans, Design Verification Planning and Reporting (DVP&R), Gage Plans; Process Mapping, Process Flow Charts; FMEA-based Reliability Centered Maintenance.

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## Data Management & Transparency

Data-linking features reduce the amount of time and effort required to finish a project by connecting the process flow chart, the FMEA, and the control plans of your quality plan. FMEA-Pro gives you an unrepeatable list of your recommendations in a separate, pre-formatted table with references hyperlinked back to the worksheets. This tracking and management of recommendations allows you to record and track progress, while the advanced professional reporting features preformatted print reports and auditing tools give you improved visibility into process operations. These capabilities allow you to share your information in a variety of formats for easy and controlled access by both internal and external customers.

## Industry-leading Features

**Dependency Matrix** - helps to create matrix sheets that expand your capabilities to include new types of risk assessment techniques.

**Conditional Data Mirroring** - allows automatic timing mirroring of data across sheets eliminating the need for you to repeat data entry in multiple worksheets.

**Pre-formatted Templates** - saves time in creating templates.

**Comprehensive Libraries** - enables you to shorten study time and leverage best practices.

**Enhanced Change Tracking** - ensures integrity of change management.

**Structure List** - increases flexibility to create ad hoc breakdown structures via indentation in the rows.

**Security** - improves security with double authentication feature and ability to use Windows Authentication and LDAP to assign access rights.

**Multi Language Support** - allows for more effective collaboration - English, French, German, Spanish, Portuguese, Japanese, Chinese (Simplified), Korean

[www.sphera.com](http://www.sphera.com)

For more information contact us at: [sphera.com/contact-us/](http://sphera.com/contact-us/)

### ABOUT Sphera Solutions

For more than 30 years, Sphera has been committed to creating a safer, more sustainable and productive world by advancing operational excellence. Sphera is the largest global provider of Operational Excellence software and information services with a focus on Environmental Health & Safety (EH&S), Operational Risk and Product Stewardship. The Chicago-based company serves more than 2,500 customers and over 1 million individual users across 70 countries. Sphera is a portfolio company of Genstar Capital, a leading middle-market private equity firm focused on the software, industrial technology, financial services and healthcare industries.