PEAKAVENUE FAULTTREE+

Enterprise-oriented Fault Tree and Reliability Analysis

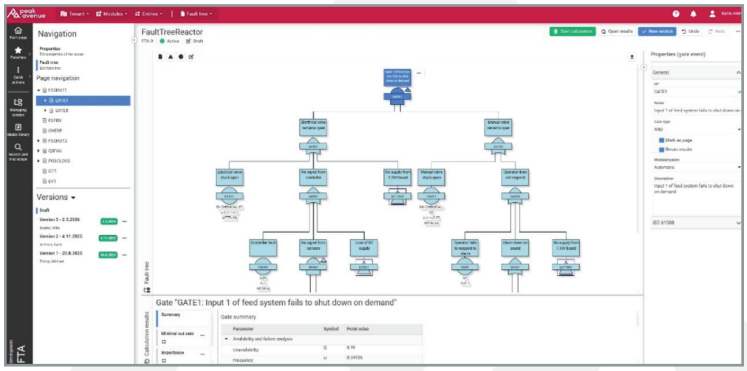
PeakAvenue FaultTree+ is based on software from Isograph that has been continuously developed since the 1980s and is considered the global standard for safety and reliability analysis.

This translates proven analytical precision into a modern SaaS platform. The result is a powerful combination of classic reliability methodology and automated quality workflows. Decisions are made faster, risks are assessed more clearly, and the reliability of products and processes is sustainably improved.

PeakAvenue FaultTree+ was developed specifically for companies in safety-critical or quality-regulated industries—including medical technology, aerospace, automotive, energy, transportation, and industrial manufacturing.

More than FTA: Your Entry into Scalable Reliability Analysis

Get started with Fault Tree Analysis (FTA) today and flexibly expand your solution to include additional analysis and reliability methods. The PeakAvenue eQMS platform offers a growing range of methods for this purpose, including Event Tree Analysis (ETA), Reliability Block Diagrams (RBD), Weibull analysis, Markov models, and a Parts Library.



Scalable methods for growing analysis requirements.

The Challenge

Many companies operate with fragmented risk and security processes: disparate tools, manual documentation, and a lack of integration between requirements management, root cause analysis, CAPA, and compliance complicate operations.

Classic fault tree tools are often:

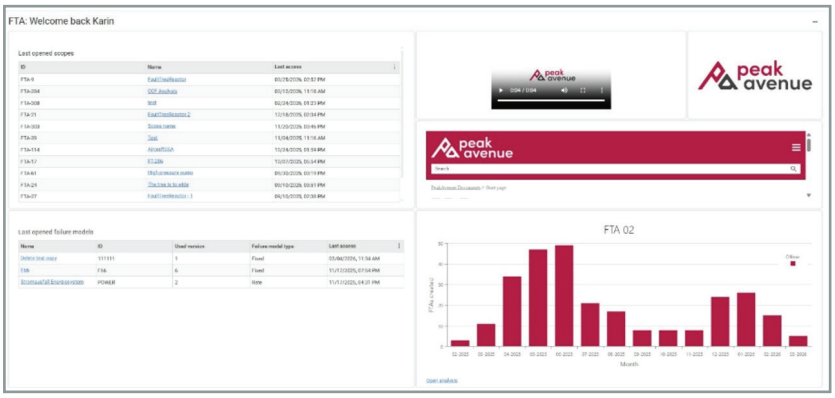
- desktop-based
- used in isolation
- technologically outdated
- poorly integrated into modern quality systems

This leads to inefficiencies, compliance gaps, and delayed decision-making processes.

Our Solution

Our eQMS platform (enhanced Quality Management System) integrates reliability and risk analysis with quality management into a single, centralized platform.

This enables faster root cause identification, reliable compliance, and targeted improvements in product reliability.



Key insights for greater quality and reliability

End-to-end Risk Transparency

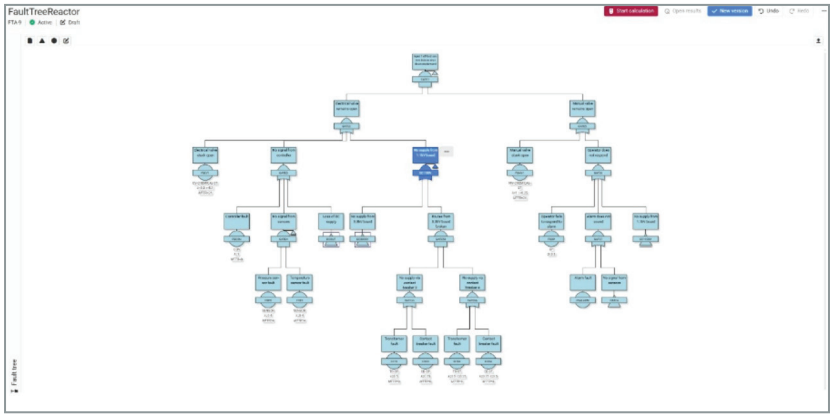
Our solution begins with a powerful fault tree analysis (FTA) and is directly integrated into the PeakAvenue eQMS platform.

Deviations, CAPAs, audits, and risks can be directly linked to fault tree models. This creates seamless traceability from the event and its cause to the corrective action.

Faster, Data-Driven Root Cause Analysis

Fault tree analysis automates the logical modeling of faults.

Complex problems are systematically broken down and critical root causes are revealed more quickly—without external tools, databases, or manual diagrams.



Structured error analysis for faster root cause identification

Seamless Collaboration and Standardization

All teams involved—from development and quality assurance to operations—work in a shared cloud using consistent data, ensuring they are always aligned and up to date.

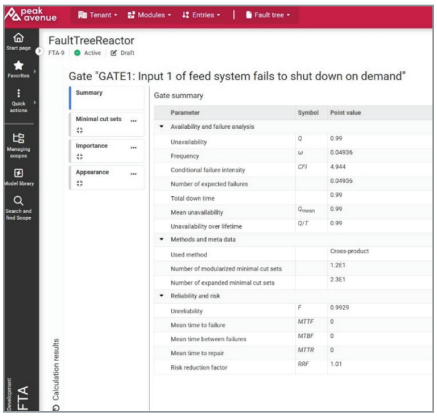
This improves the quality of analysis and reduces rework.

Compliant Documentation

Version control, audit trails, and reporting run automatically in the background; fault tree analyses are documented in an audit-proof manner at all times, without additional manual effort.

Lower Total Costs & Leaner IT

Forgoing standalone analysis tools reduces licensing costs, integration effort, and system complexity—while simultaneously increasing productivity.



Your Benefits at Glance

Proven methodology backed by decades of experience
Our fault tree methodology, continuously refined since the 1980s, is regarded by experts worldwide as the standard for safety and reliability.

Structure complex problems and identify critical root causes
Utilize automated, validated logical modeling of failure events. Create fault trees in small teams or within specific areas, and consolidate them into a comprehensive overall analysis.

Seamlessly integrated into the eQMS platform – not a standalone add-on.
The results from the fault tree analysis feed directly into corrective actions as well as risk and engineering processes—a clear advantage over standalone tools.

Unified environment for compliance and documentation
Automatic validations, audit trails, and version control eliminate the need for manual documentation efforts.

Web-based, collaborative, and globally accessible
PeakAvenue FaultTree+ supports multi-user collaboration directly in the browser and in real time. Work on your fault tree analyses from any location.

Reduced IT effort through a cloud-native platform
No complex installations, maintenance, or patches. The cloud-native architecture enables rapid access, automatic updates, and flexible scaling of your quality processes.

Efficient compliance with industry standards
Our solution supports compliance with the IEC 61025 and IEC 61508 standards and ensures reliable results.

Your Roadmap with PeakAvenue FaultTree+

Get started with Fault Tree Analysis (FTA) today and progressively develop your analysis skills—without switching tools.

- Modulary expandable into a comprehensive reliability platform
- Future-proof investment – expansion without changing systems
- Unified data basis across all analysis methods

The New Era of Quality Management

PeakAvenue offers you a consistent, cloud-native engineering and quality management platform that spans the entire product lifecycle.

Through integrated modules, we provide a seamless and efficient solution that ensures transparency and consistently safeguards your quality processes.

Would you like more information about PeakAvenue FTA?

We take the time for you! Book a personal appointment with our team today using the QR code next to this text.

PeakAvenue GmbH
Maria-Goeppert-Straße 15
23562 Lübeck

Phone +49 451 930986-06
E-mail info@peakavenue.com
Web www.peakavenue.com