

Relax Consulting Services

Offering the Experience and Tools to Help You Achieve Reliable Products and Systems

Offering experience, expertise, and a commitment to excellence, Relax Consulting Services will help you attain reliability goals and meet organizational objectives for high quality products and systems.

Our trained and experienced reliability professionals, many with Certified Reliability Engineer credentials from the American Society for Quality (ASQ CRE) and advanced degrees in reliability engineering, have the experience and expertise to meet your reliability goals. With superior project management skills, reliability experience in a diverse range of industries, and a commitment to complete communication with you throughout the process, Relax Consulting Services can augment your staff or serve as your reliability engineering team.

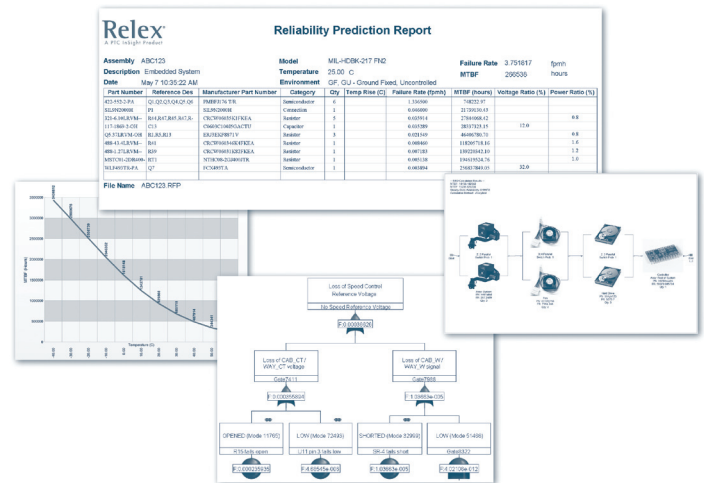
Key Benefits

Diverse Areas of Expertise

- Relax Consulting Services provides a comprehensive set of service offerings in key areas of reliability and maintainability analysis
- Services include MTBF Analysis, FMEA/FMECA processes, FRACAS and other corrective action solutions, Fault Tree, System Modeling, Life Data Analysis, and Reliability Program Assessment, among others
- We'll help you explore design alternatives, including design for reliability, design for maintainability, risk analysis of your design, reliability and maintainability planning, and field data tracking

Many Levels of Support

- Ramp up your organization's reliability and maintainability analysis efforts
- Work alongside your reliability engineers to augment your team
- Serve as your reliability engineering department for key projects or processes
- Assist in the enterprise-wide implementation of Relax-supported processes



Relax Consulting Services can complete reliability analyses or configure Relax solutions to support your business processes.

A Team-Based Approach

- Highly trained engineers partner with your team in a unique, knowledge-sharing atmosphere
- Two-way communication throughout the project ensures your objectives are met
- Direct access to the application engineers and project managers committed to your project is just a phone call away
- You maintain control over all Relax projects and files so you can continue adapting the processes as your needs change, without the need for programming skills or IT support
- Relax Consulting Services' 100% in house staff ensures the integrity and confidentiality of your data

Comprehensive Relax Solutions

- Depending upon the scope of your project and your budget, our professionals recommend the appropriate blend of services
- If you are using other software tools, our team is equally capable of employing them to complete the analysis

Features

Experience in a Broad Range of Industries

- Automotive
- Aerospace
- Defense
- Information technology
- Medical
- Process control
- Telecommunications

Areas of Expertise

- MTBF Analysis
- FMEA/FMECA
- FRACAS
- Fault Tree
- System Modeling
- Life Data Analysis
- Reliability Program Assessment

Design for Reliability

- Prediction and MTBF evaluation
- Component derating analysis
- Reliability performance evaluations
- Availability studies

Design for Maintainability

- Logistics and RCM (Reliability Centered Maintenance) techniques
- Spares optimization determination
- Optimization of maintenance practices, such as preventive maintenance and inspection intervals

Risk Analysis

- Risk assessment
- Risk reduction strategies
- Failure mode and effects analysis (FMEA)
- Fault tree analysis (FTA)
- Human error analysis

Field Data Tracking

- Establishing and/or improving a FRACAS process
- Reliability growth analysis
- Warranty tracking

Reliability and Maintainability Planning

- Overall reliability evaluation
- Recommendations for improvements
- Reliability planning
- Component library services for data gathering
- Life cycle cost studies

Design and Implement FRACAS Solutions

- For initiating a brand-new FRACAS process, modifying an existing FRACAS process, or replacing a legacy FRACAS system
- Support for the design and implementation of your Relex FRACAS system
- Full-cycle project management for your FRACAS objectives
- Ensure the successful transfer of data to and from your FRACAS system to other applications within your enterprise.

Proven 4D Process for FRACAS Implementation

- Discover system requirements, including functional and capacity requirements, success factors, use scenarios, and process flow
- Design a statement of work (SOW) detailing the project and a design document detailing the structure of the FRACAS system, including the forms, reports, and graphs that will be delivered
- Develop and implement the FRACAS project according to the design plan, including progress meetings with the client to ensure design objectives are being met
- Deliver the solution by installing and deploying Relex FRACAS, including onsite system checks against a checklist of benchmarks

For More Information

For more information on Relex Consulting Services please visit: www.relex.com/services/index.asp

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