



XFRACAS

ReliaSoft XFRACAS is a highly configurable, web-based Failure Reporting, Analysis and Corrective Action System (FRACAS).

Features

- Depending on how you configure your implementation, this can include incident/failure reporting, failure analysis on returned parts, part tracking for serialised systems, root cause analysis, team-based problem resolution and tracking the completion of assigned actions.
- XFRACAS can be integrated with other ReliaSoft applications. It provides intelligent integration between reliability program activities and tools while simultaneously facilitating effective information sharing and cooperation between engineering teams of any size.

Benefits

- Closed-loop system for incident reporting and problem resolution activities
- Easy web access for collaboration and deployment across multiple sites, suppliers and customers
- Flexible, scalable, and highly configurable to fit your organisation's specific processes
- Captures and tracks data for various reliability analyses
- Bridges the gap between addressing individual failures and managing efforts to understand, contain and resolve the underlying problems

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XFRACAS Software Highlights

Practical applications

- FRACAS / CAPA
- Field failures
- Customer complaints
- Testing issues
- Reliability improvement
- Safety and risk management
- Quality tracking (non-conformance)

Failure/incident reporting

- Document a particular incident
- Notify owner(s)
- Track corrective and preventive actions
- Record findings from failure analysis on returned parts
- Capture data for reliability analysis

Track assigned actions

- Alerts via e-mail or portal
- Status updates
- Charts and reports to track progress

Part tracking for serialised systems

- Customer contact info
- Installation and warranty details
- History of incidents
- Exact configuration as parts are repaired and replaced
- Operating time and status

Analysis/key metrics

- Operational availability
- System downtime
- MTBF
- Criticality metrics
- Extract data for life data analysis or reliability growth analysis

Root cause analysis and problem resolution

- Any method from 4 - 8 steps (8D, Six Sigma DMAIC, DCOV)
- Define an underlying problem
- Link to relevant incidents
- Capture findings from root cause analysis
- Track corrective actions
- Track review and sign-off per step

Flexible queries and reports

- Built-in reports and custom report builder
- Run custom SQL statements
- Results in HTML tables with built-in filter and sort
- Easy to link, "watch" and share
- Save to *.xlsx, *.rtf, *.csv, *.pdf
- XML output can be a web-based data source in other tools

Charts, dashboards and XSLT

- Charts for any set of results
 - Bar, pie, area, step, scatter, line
 - Drill-down capability
 - Save to *.png, *.gif, *.bmp, *.tiff, *.xls, *.xlsx
- Dashboards show selected charts and reports
- Design your own custom output using XSLT

Data import and export

- XML or Excel templates
- Windows service or web service to trigger imports
- Web interface to manage import queue and logs

Highly configurable

- Web interface to manage settings and permissions
- Turn features on or off
- Rename input fields or create your own
- Customise drop-downs
- Define user access levels using security groups
- Separate settings and permissions per "entity"

Personalised portal for each user

- Actions, incidents or problems you need to work on
- Reports you frequently use
- Announcements and links

Reliability program integration

- Extract data to analyse in Weibull++
- Share parts and failure modes with XFMEA, RCM++ or RBI
- Deploy with SEP to view results from analyses performed in desktop applications

Databases supported

- Microsoft SQL Server®
- Oracle®

Scalable web-based architecture

- Microsoft .NET with IIS
- Public or Private; Encrypted or Unencrypted
- Windows Authentication or Single Sign-On (SSO)

Available services

- Detailed user documentation
- Go-Live/Implementation service
- Professional engineering services

For more XFRACAS information visit: www.holisticam.com.au/reliasoft-xfracas

ReliaSoft

Holistic Asset Management is the Australia and New Zealand reseller of ReliaSoft Software from HBM Prencscia Inc. These expert analysis tools are benchmarks in the reliability industry and are widely used in various industry sectors to facilitate the practical application of reliability in maintenance, asset management, product development and after sales.



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