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, it can support 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 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

ReliaSoft

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 incidents
- Notify owner(s) and subscribers
- Track corrective and preventive actions
- Record findings from failure analysis on returned parts
- Capture data for reliability analysis

Tools for tracking assigned actions

- Receive alerts via e-mail or portal
- View status updates
- Track progress via charts and reports

Part tracking for serialised systems

- View customer contact, installation and warranty details
- Track the history of incidents
- Check the configuration of parts as they are repaired and replaced
- View operating time and status

Analysis/key metrics

- View operational availability, system downtime, MTBF and criticality metrics
- Extract data for life data/reliability growth analysis

Root cause analysis and problem resolution

- Use 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, review and sign-off per step

Flexible queries and reports

- Choose from a wide variety of standard reports
- Create custom reports using built-in tools or SQL statements
- View results in filterable, sortable HTML tables
- Save report output to *.xlsx, *.rtf, *.csv, *.pdf
- Link, "watch" and share reports
- Use XML output as a web-based data source in other applications
- Generate a historical "snapshot" of data at a specific point in time
- Track views of a particular record

Charts, dashboards and XSLT

- Create bar, pie, area, step, scatter and line charts
- Drill down to more detailed results for deeper insights
- Save to *.png, *.gif, *.bmp, *.tiff, *.xls,*.xlsx
- View and create dashboards with selected charts and reports
- Design custom output using XSLT

Data import and export

- Import data using XML or Excel templates
- Set up a Windows or web service to trigger imports

- Manage import queue and logs via the web interface

Highly configurable

- Configure settings and permissions for each "entity"
- Turn features on or off for specific users and/or groups
- Restrict unauthorised users from accessing certain records
- Notify subscribers when records have been updated
- Rename or create input fields such as custom drop-down lists
- Automatically disable access for inactive accounts

Personalised portal for each user

- Quickly access actions, incidents or problems you need to work on
- Access reports you frequently use
- Create and view announcements and links

Reliability program integration

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

Scalable web-based architecture

- Microsoft .NET with IIS
- Public or private; encrypted or unencrypted
- Windows Authentication or Single Sign-On (SSO)
- Microsoft® SQL Server or Oracle® databases

Available services

- Detailed user documentation
- "Go-Live" / implementation service
- Professional engineering services

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

Holistic Asset Management is the Australia and New Zealand reseller of ReliaSoft Software from HBM Prenscia 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.