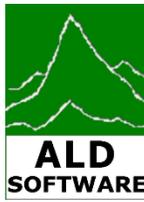
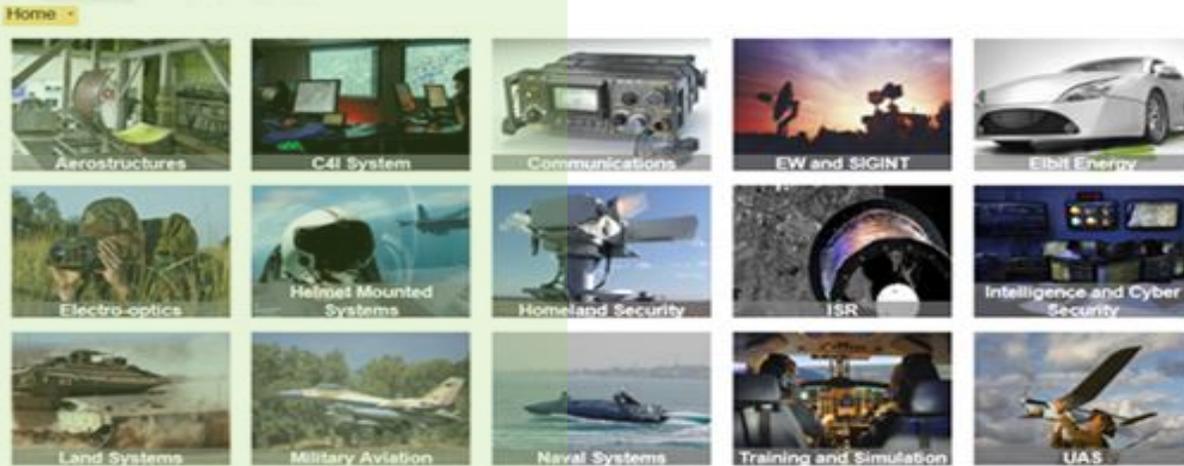


# FavoWeb



Web based Dynamic FRACAS



FavoWeb™ is a **Failure Reporting Analysis and Corrective Action System (FRACAS)** Customizable Of-The-Shelf (**COTS**) software that manages the complex task of collecting, collating, and analyzing failures and usage data, with special focus on leveraging this data for product improvement.

A Failure Reporting Analysis and Corrective Action System (FRACAS) is recognized as one of the most valuable tools for producing reliable products and systems. The main benefit of FRACAS is its ability to provide information crucial in addressing the timely identification and correction of design errors, part problems, workmanship defects and/or process errors.

The FRACAS system provides the tools for collecting and recording data relating to failures and issues associated with a product or process. The data collected is utilized in failure analyses, and is thus instrumental in identifying deficiencies and root causes. Continuous monitoring and tracking of data via FRACAS provides an assessment as to whether previous failures trends have been improved and issues have been mitigated through corrective action.

In sum, early elimination of errors, faults and failures, analysis of failure trends and causes as well as studying the maintenance and operational events, achieved by implementing FRACAS in the organization, is a major contributor to reliability growth, continuous process and product improvement.

The FavoWeb™ product is based on over 20 years of expertise and experience in FRACAS.

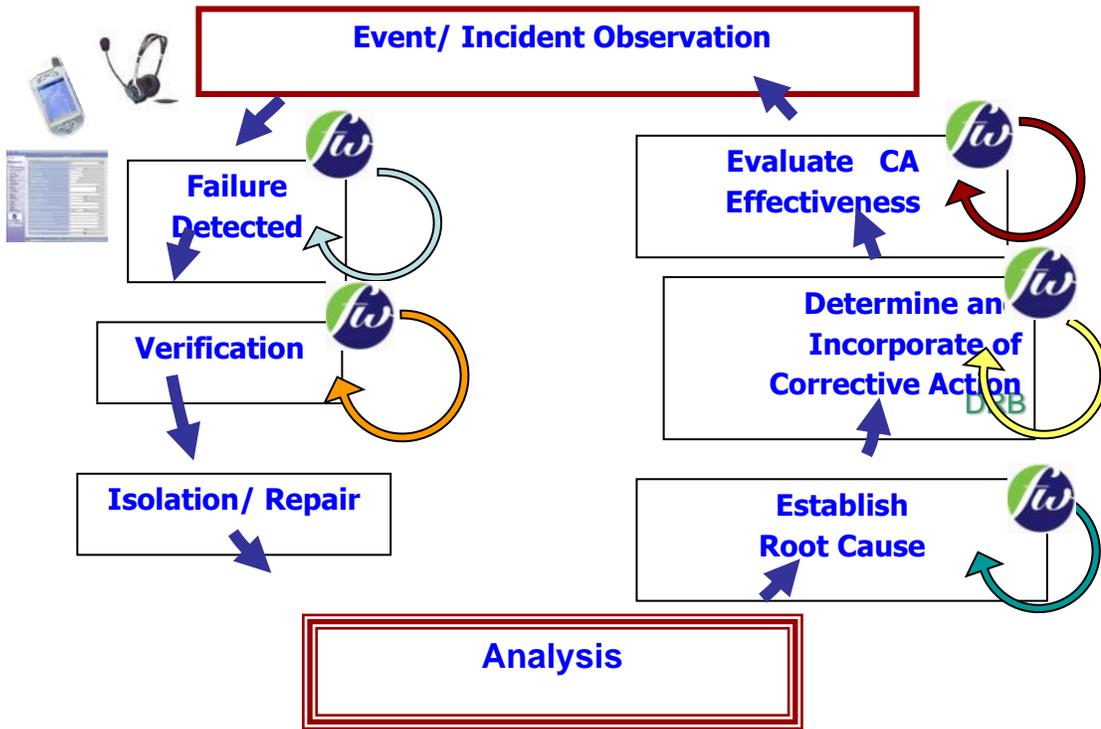
Being a COTS (customizable of the shelf) product, FavoWeb set-up and customization to fit the organizational work process is extremely easy and fast.

Thanks to FavoWeb™'s high level of adaptability and flexibility, it can be tailored to suit the needs of any organization. The system can be customized to collect a wide spectrum of data from processes related to the different phases of the life cycle of a product and the verification of corrective actions -all features are customizable by the administrator, minimizing users' 'time to productivity'.

FRACAS includes the following three sub-processes:

- Failure data collection
- Failure Analysis
- Corrective action

These processes are intertwined as described in the next drawing:



Ongoing reporting of failure data is the first layer for any FRACAS deployment. As soon as failure is detected and reported the FRACAS process begins.

As in depth data related to failures begins to accumulate, FRACAS data repository builds up to be the knowledge database

Analysis of failure/repair data is performed periodically on an ongoing basis, evaluating failure trends, patterns and epidemics.

Corrective Action Process is initiated based on analysis results and failure data repository, targeting problems mitigation: establishing root cause, determining Corrective Actions, monitoring the deployment of the solution and verifying its effectivity. Problem arising may be triggered by a variety of triggers: customer complaint, failure trend etc.

The FRACAS as a methodological system ensures all failure and problem information is logged and all actions to handle problem are kept for future use as necessary.