Data Collection and Analysis

What is it?

Data collection and analysis facilitates an understanding field operational use profiles and environmental stress data and is critical for ensuring design/process robustness. Collection and analysis of failure data to root failure cause identification and mitigation is critical to ensure product/process reliability growth and success over its life cycle.

What's the payoff?

Trends from data analyses identify areas of a design or process that are candidates for improvement, point to part/process problems, and can help with maintenance planning. Resulting corrective actions provide a means to better satisfy customers and to reduce warranty and life cycle costs.

How can we help?

> Perform an independent review of your current data collection/analysis program

> Collect and analyze operational use profile and environmental stress data

> Provide objective analysis of your product/process data, recommend corrective actions and verify their effectiveness

> Help you develop an effective data program that can be used as an optimized decision tool

> Develop customized database solutions to solve unique data collection and analysis requirements

> Automate your data activities, from facilitating remote web-based data input to automated analysis routines and graphical management output for decision-making