

Affordability

What is it?

Affordability is the extent to which something is affordable, as measured by its cost relative to the amount that the purchaser is able or willing to pay. It represents a conclusion drawn from an analysis of the “total life cycle cost” of a product/system that its purchase will cost-effectively meet the long term requirements of the customer.

What’s the payoff?

Affordability analysis can help optimize total life cycle costs by minimizing the financial impacts of product/system rework, maintenance/support, warranty, and other related customer ownership costs

How can we help?

- › Perform analyses to define realistic and achievable reliability requirements
- › Define a strategy that optimizes investment decisions for designing, testing and manufacturing suitably reliable and maintainable products/systems
- › Perform analyses to ensure that investments made during the design, development, test and end-use of a product/system have the desired effect on achieved operational reliability performance at an acceptable Return-on-Investment (ROI)
- › Provide training to ensure that an organization understands the impact of its decisions on overall product/system affordability objectives

