Reliability Growth Planning and Management

What is it?
Reliability growth is what occurs when failure modes/mechanisms are identified, but only after their root causes are physically eliminated or mitigated in a design/process. It should start early in the design phase and continue through the entire life cycle. Reliability growth planning and management controls reliability achievement as a function of available resources and reallocates resources based on comparisons between planned/measured reliability at strategic milestones.

What’s the payoff?
Provides increased confidence that reliability requirements can be met. It asserts control over how reliability growth occurs, how robust a design/process needs to be to achieve it, and what resources are necessary to implement it. The net result is an overall reduction in product/system Total Life Cycle and Total Ownership Costs.

How can we help?
- Develop a Reliability Program that implements reliability growth management principles early in the design and development process
- Perform analyses and make recommendations that achieve continuous reliability growth throughout the life cycle
- Develop reliability growth planning curves, track actual reliability growth against those curves, and project future reliability using current reliability growth models
- Develop customized tools/databases for planning/tracking reliability growth

Contact Quanterion Solutions Inc today at (877) 808-0097 for more information.