

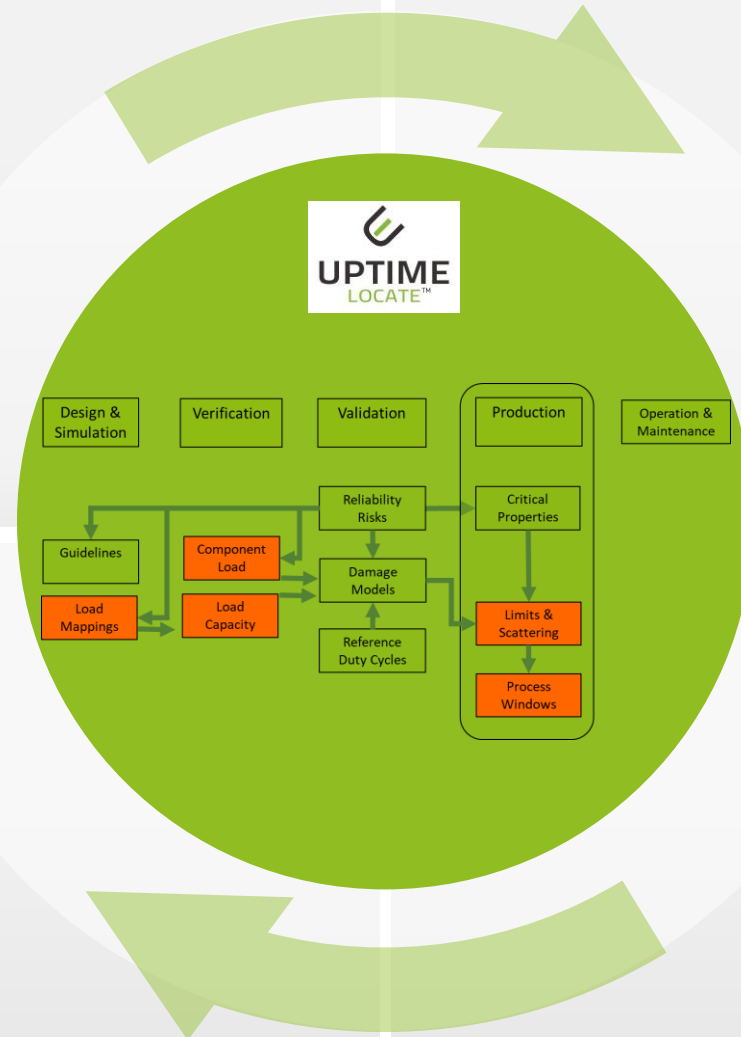
Achieve maximum Reliability

Background

- Validation programs eliminate design related Reliability Risks
- Field failures are often due to
 - Unforeseen load conditions
 - Component quality issues
 - Assembly effects
- Elimination of these risks requires contributions from quality and production

Customer benefit

- Elimination of actual field failures
- Utilization of simulation, quality and process development for reliability
- Backtracking of each task to a related risk
- Evaluation of return on investment for each risk reduction activity
- Maximum reliability within time and budget



Requirement

- Identify tasks on top of standard Validation
- Crossdepartmental Risk Mitigation activities
- Distribute tasks among OEM and suppliers
- Identify reliability synergies between testing and simulation

Solution: Uptime LOCATE™

- Reliability Risk Reduction
 - utilizes synergies between simulation & testing
 - derives properties “critical to reliability” for components and for processes
 - specifies required activities
- Evaluation of the Expected Reliability