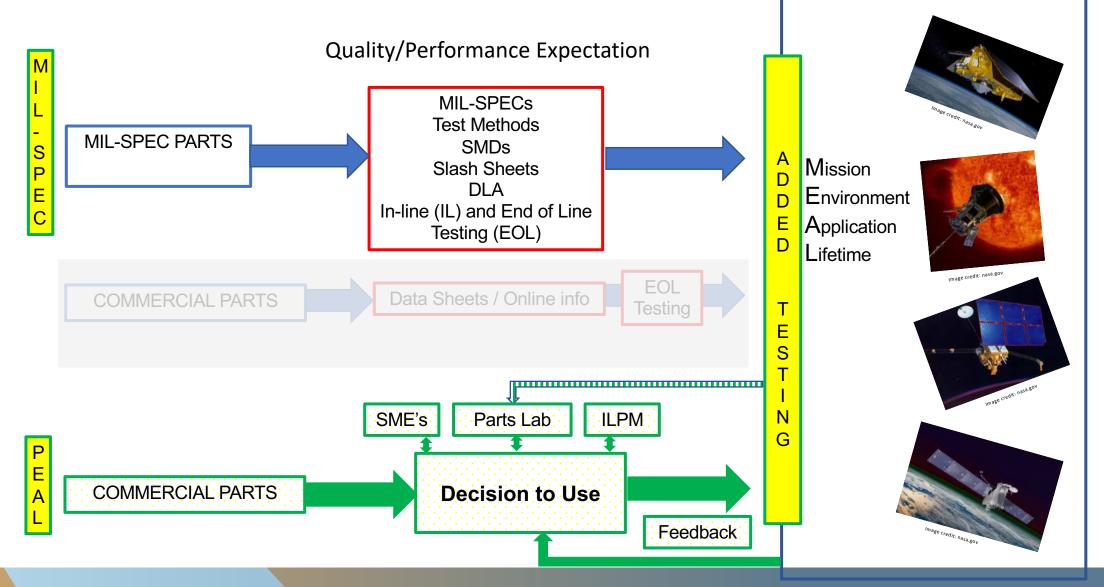
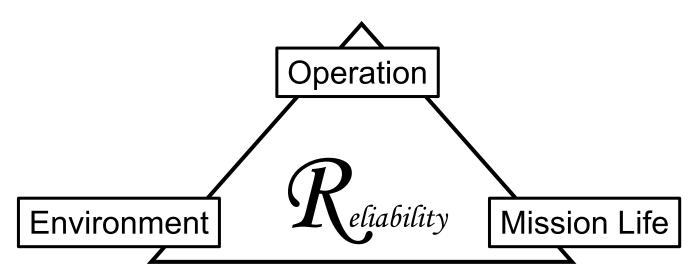


Methods for Selecting Parts



Risk & Reliability

Given that commercial electronics does not receive the same screening and qualification testing as MIL-SPEC parts, there is a *perceived risk* that they will be less reliable.



- 1. Biggest factors influencing reliability is to use devices within data sheet limits and system design (e.g. derating, redundancy).
- 2. Major factor is the quality of how the part is manufactured (WRT data sheet).
- 3. Robustness is confirmed with analysis, use-cases and testing.