

Draft Need _ 20180129A

SJTAG Need:

- *SJTAG is intended to improve the ability to test, diagnose and provide prognostic health information about systems.*
 - *(Analyze from top down in decomposition is necessary to be able to know what has to be exposed. How someone implements it is less important if it is clearly documented and usable. Testability "flow down" may be outside of SJTAG scope : Testability Framework Requirements. Available Testability "flow up" is what is advertised from the bottom up: Availability of Testability Features.)*
- A standardized method is needed to coordinate
 - *(coordinate - exposure of underlying test capabilities that might exist?) (everyone puts testability at their level and don't usually plan for use at a higher level) (Documentation of what is available at each level is key.)*
- component
 - *(component could relate to discrettes and not what we want)*
- access topologies
 - *(Board level BIST is more than a component access topology.)*
- , interface constraints, and other dependencies at the board and system level
 - *(Should really focus on system and sub-systems, which includes boards.)*
- in order to be able to effectively leverage the existing and future component level standards. Thus, a new supervisory standard is required to **define the coordination and dependencies of instruments as well as configuration, management, and application of vector based testing** at the board and system levels.
 - *(The higher up you go in the hierarchy, the more you morph into functional testing.) (Downloading code into modules and executing them is also part of this infrastructure that is needed.)*