Independent Design Analyses, Inc.

HW/SW FTA Process Flow

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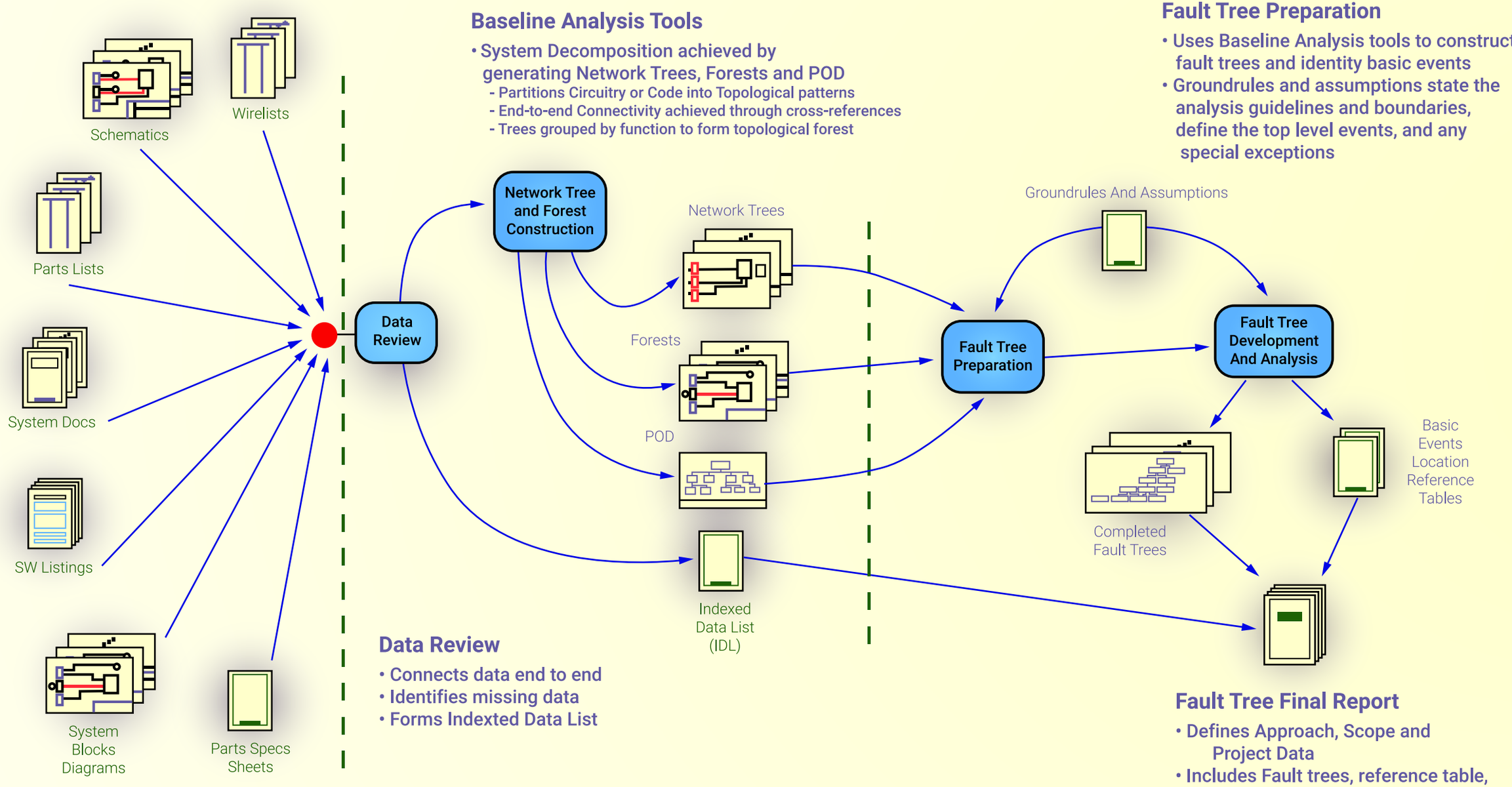

Baseline Analysis Tools

- System Decomposition achieved by generating Network Trees, Forests and POD
  - Partitions Circuitry or Code into Topological patterns
  - End-to-end Connectivity achieved through cross-references
  - Trees grouped by function to form topological forest

Fault Tree Preparation

- Uses Baseline Analysis tools to construct fault trees and identity basic events
- Groundrules and assumptions state the analysis guidelines and boundaries, define the top level events, and any special exceptions

Data Review

- Connects data end to end
- Identifies missing data
- Forms Indexted Data List

Fault Tree Final Report

- Defines Approach, Scope and Project Data
- Includes Fault trees, reference table, NTs, results and recommendations