HW/SW Sneak Analysis Process Flow

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Customer Data
- Schematics
- Wirelists
- Parts Lists
- System Docs
- SW Listings
- System Blocks Diagrams
- Parts Specs Sheets

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

Network Tree and Forest Construction

Cross-Reference Tables

Network Trees

Forests

POD

Data Review

Document Discrepency Reports

Indexed Data List (IDL)

Data Review
- Connects data end to end
- Identifies missing data
- Forms Indexed Data List

Clue Application
- Uses Trees and Forest (Roadmap)
- Topological and Technology Clues Applied
- Level of detail driven by topology and Sneak clues

Sneak Clues List

Clue Application

Sneak Condition Reports

Design Concern Reports

Document Discrepency Reports

Final Report
- Defines Approach, Scope and Project Data
- Includes all Reports and Project Recommendations