Model-Based Systems Engineering

- **nLogic** provides expertise in the cutting edge model based systems engineering techniques demanded by today's complex systems. This allows **nLogic** to verify and validate system designs before implementation and efficiently support systems engineering needs throughout a program’s life cycle. Expertise like this provides nLogic and its prime contractors with a technical advantage over their competitors.

- **nLogic** is known for delivering superior products for their prime customers, government customers and most importantly the war fighter.

**Capabilities:**
- Requirements Engineering
  - Concept of Operations and Logical Use Case Development
  - Decomposition and Tracing
  - Internal/External Interface Definition
- Architecture Definition
  - Logical and Physical Behavior Definition
- System Implementation and Analysis
  - System Performance
  - Test Case Generation
  - Code Generation
  - Early Verification and Validation
- Specialty Engineering
  - Cyber, Reliability, and Safety Modeling

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