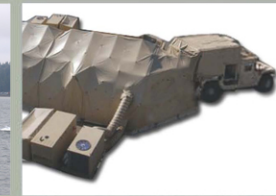


An Open Architecture/Open Business Model Solution for High Performance Multi-Level Collaborative Environment

Kent Lindell



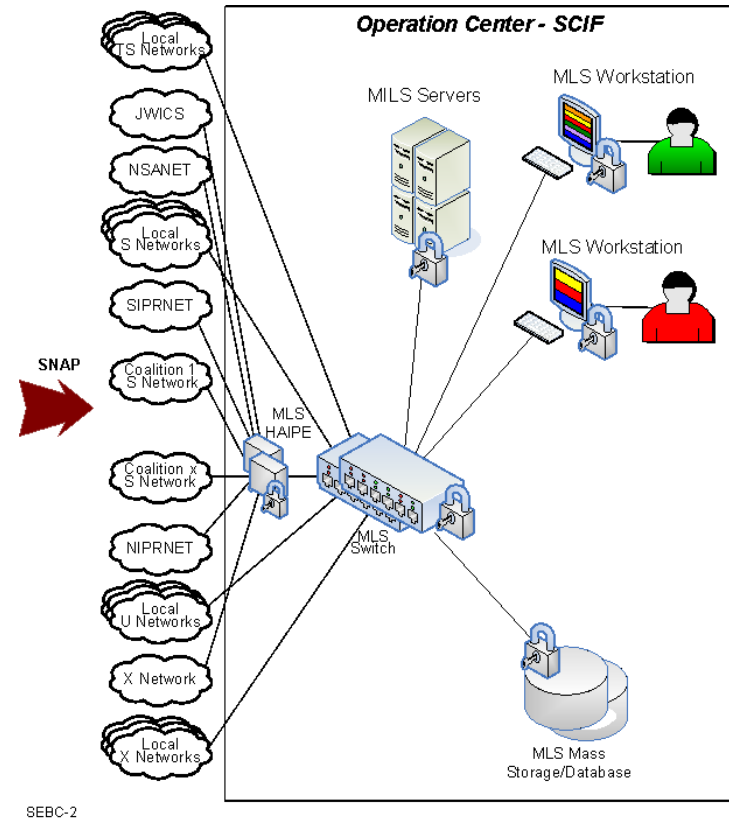
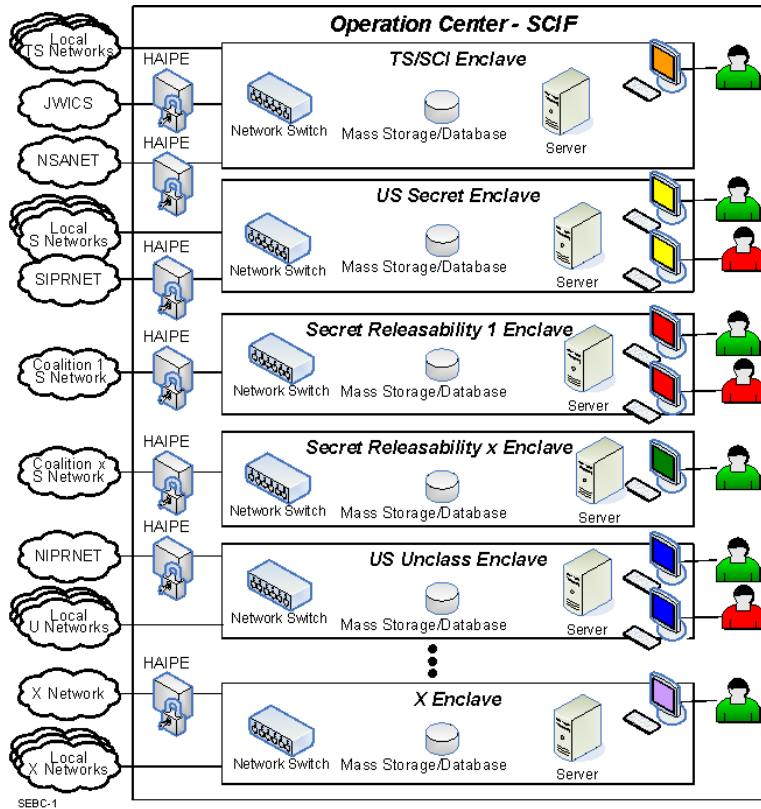
GENERAL DYNAMICS

SNAP Overview

- I Secure Network Architecture and Processing (SNAP) improves mission effectiveness by providing a cost effective, open architecture, high-assurance, multi-level, labeled, network solution ideal for high performance environments

- I General Dynamics' SNAP
 - Open Architecture Solution
 - Fully programmable
 - High assurance secure solution
 - Reduced Size, Weight and Power (SWaP)
 - Reduced upgrade and certification costs
 - High performance and low latency
 - Allows migration to IP-based solutions
 - Dynamic and flexible security policies
 - Evolutionary approach minimizes up front investment

Security Segregation Enables a Cost Effective IA Infrastructure



***SNAP IA Architecture Changes the Security Paradigm
The Security Policy Can Now Enable a Mission vs. Limit a Mission***

Security Segregation Enables a Cost Effective IA Infrastructure

- I COTS/NDI base cards provide basic functionality
- I High Assurance functions provided by separate composable, loosely coupled HW & SW elements. Coupling to COTS occurs over open interfaces
- I Allows evolutionary, scalable approach and minimizes recertification costs
- I Can add / upgrade processing elements with mitigated impact to deployed systems

