

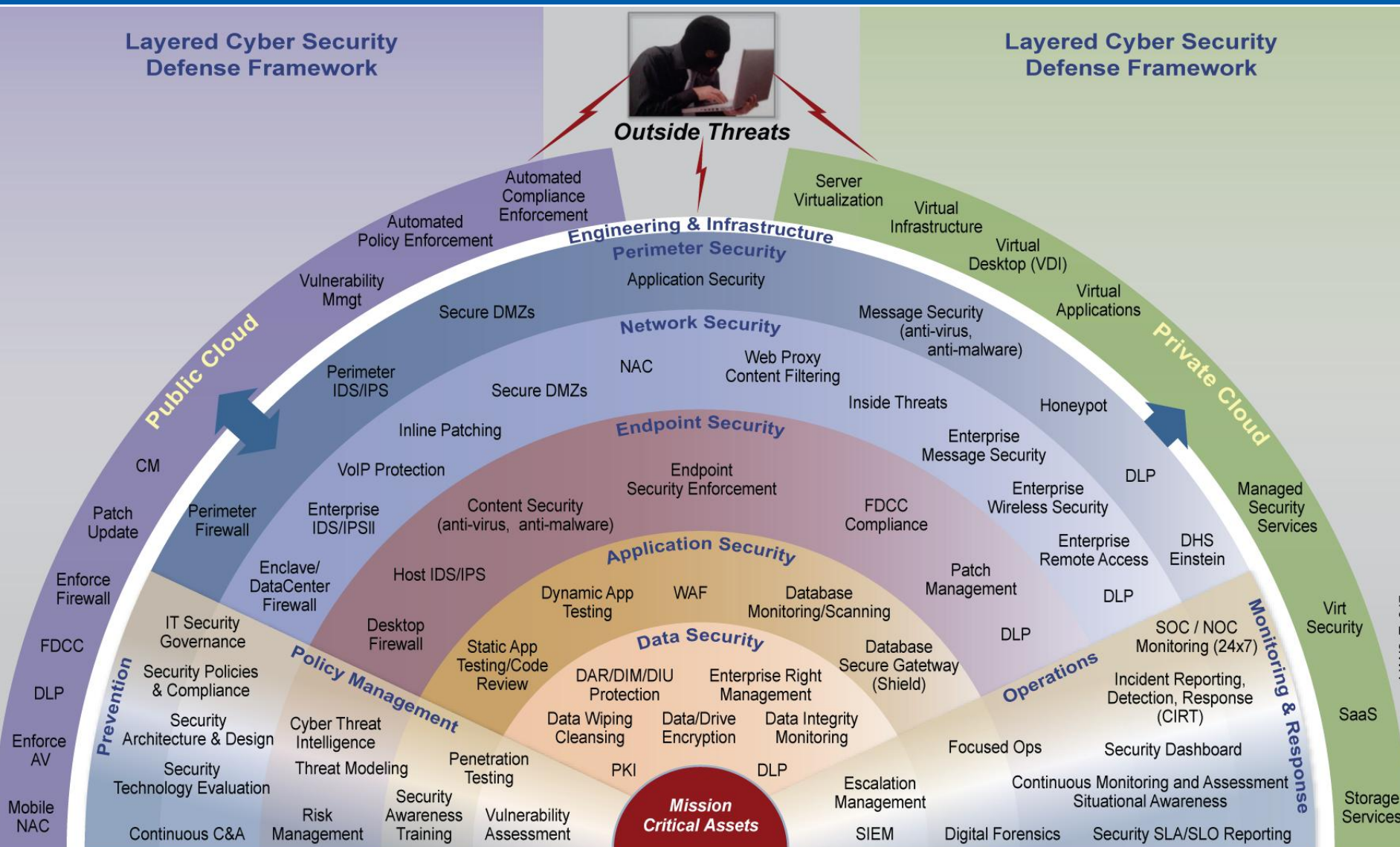
# **Space & Cyberspace Warfare Symposium**

## **Cyber Technology Panel**

June 15, 2011



# Security "Fan"™ Framework



**Acronyms & Abbreviations:** DAR: Data At Rest    DIM: Data In Motion    DIU: Data In Use    PKI: Public Key Infrastructure    FDCC: Federal Desktop Core Configuration  
 SIEM: Security Information Event Management    DLP: Data Loss Prevention    NAC: Network Access Control    IDP: Intrusion Detection and Prevention

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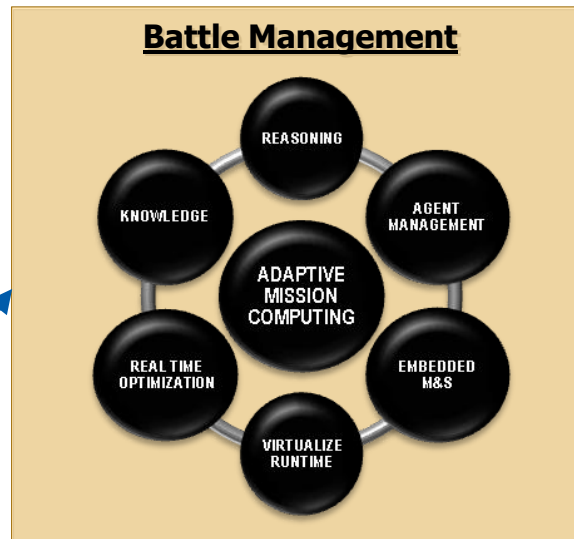
# Trust is about Behavior and Relationships

## Trust = Anti Tamper + Information Assurance

(Protect the Platform/Protect the Mission)

- ✓ Secure Boot
  - “Known Good”
  - Hardware
  - Software

### Trusted and Assured C2

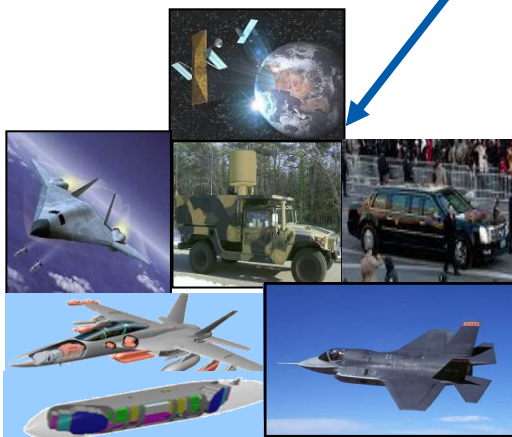


### Critical Infrastructure

Establish Trust



### Government Programs Mission Assurance for the Platform

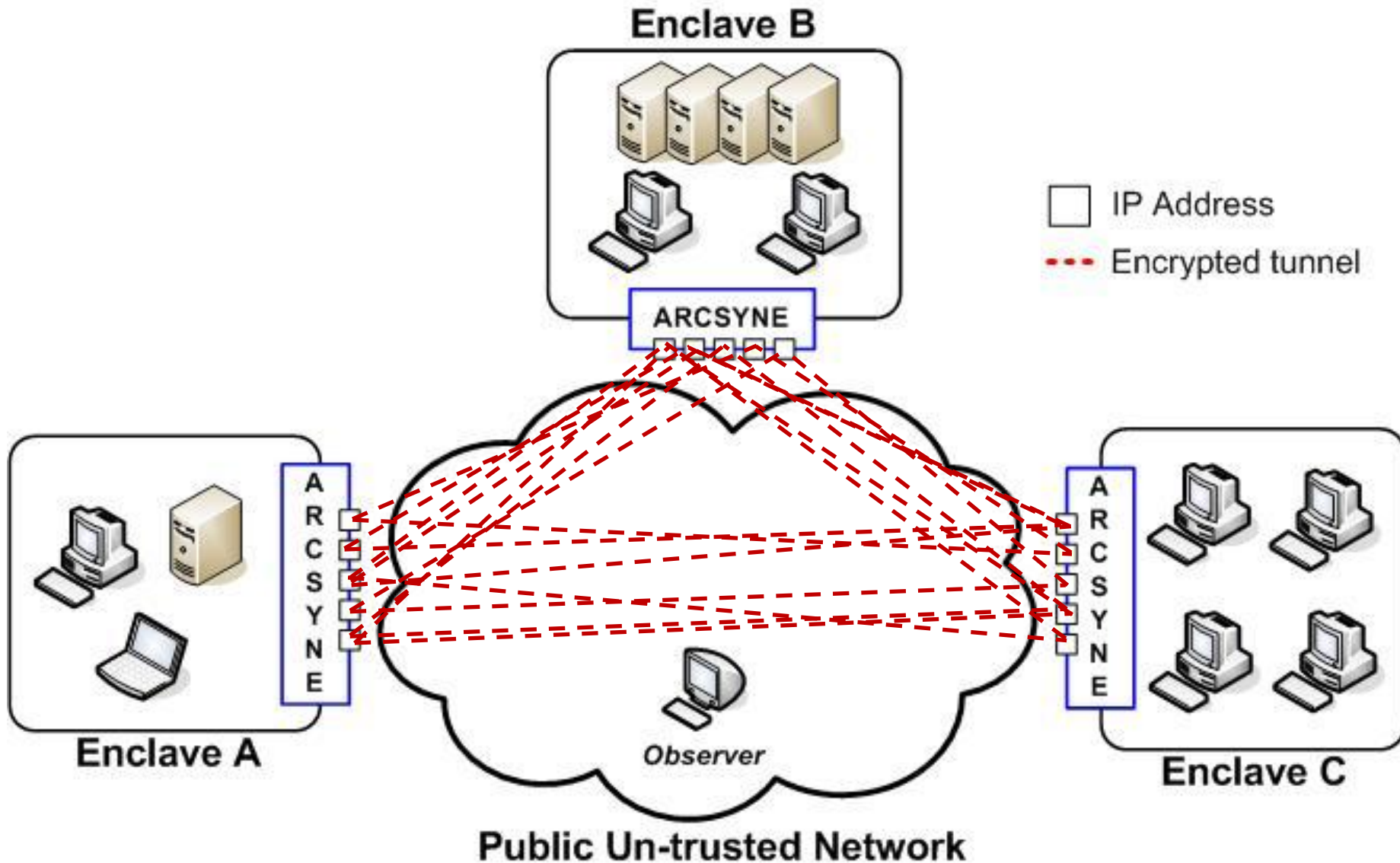


### Devices

Protect the Mission



# Active Repositioning in Cyberspace for SYNchronized Evasion (ARCSYNE)



# Cybersecurity Relationships & Partnerships

- Corporate Strategic Technology Partners
  - Lab investments, joint R&D
  - Small Businesses, Key Vendors
- Research University Relationships
  - 100+ university partnerships
  - Cybersecurity Research Consortium (Carnegie Mellon, MIT, Purdue Universities)
- Industry and research consortia, national level advisory boards, professional societies
- DoD Defense Industrial Base (DIB)



Resources to Accelerate the Pace of Cyber R&D

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