DISA
A Combat Support Agency

Mission Assurance

2014 Forecast to Industry

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The Problem

Problem Statement: Neither the DoD nor the combatant commanders can adequately see, control, or defend their networks. We can't meet the urgent and immediate cyber threat, defend the current infrastructure or reduce network vulnerabilities.

Capability Gaps

- Lack of Enterprise-level view and standardized security topology
- Too many avenues of attack
- Heavy reliance on independent delivery of security services
- Inability to apply advanced threat analysis
- Lack of Enterprise responsiveness in assessing, detecting, responding to threats
- Lack of [unity of effort] in operating and managing cyberspace operations
- Segmented approach to networks creates seams and creates difficulty in information sharing, thus complicating protection of forces

High Level Objectives (HLOs)

- HLO 1: Operate, defend, manage, and maintain the JIE (DoDIN)
- HLO 2: Enable and protect critical warfighting information and information exchange through various capabilities and services
- HLO 3: Ensure critical warfighter information, capabilities and services are available in a degraded cyber condition

Authoritative Sources:
- JIE ICD v 3.1.1, GIG 2.0 ICD and Cyber SA ICD
- JIE OPS CONOPS and Chairman's White Paper

Gaps and HLOs Identified in Authoritative Sources (paraphrased)

Mission Assurance (Cybersecurity and NetOps)

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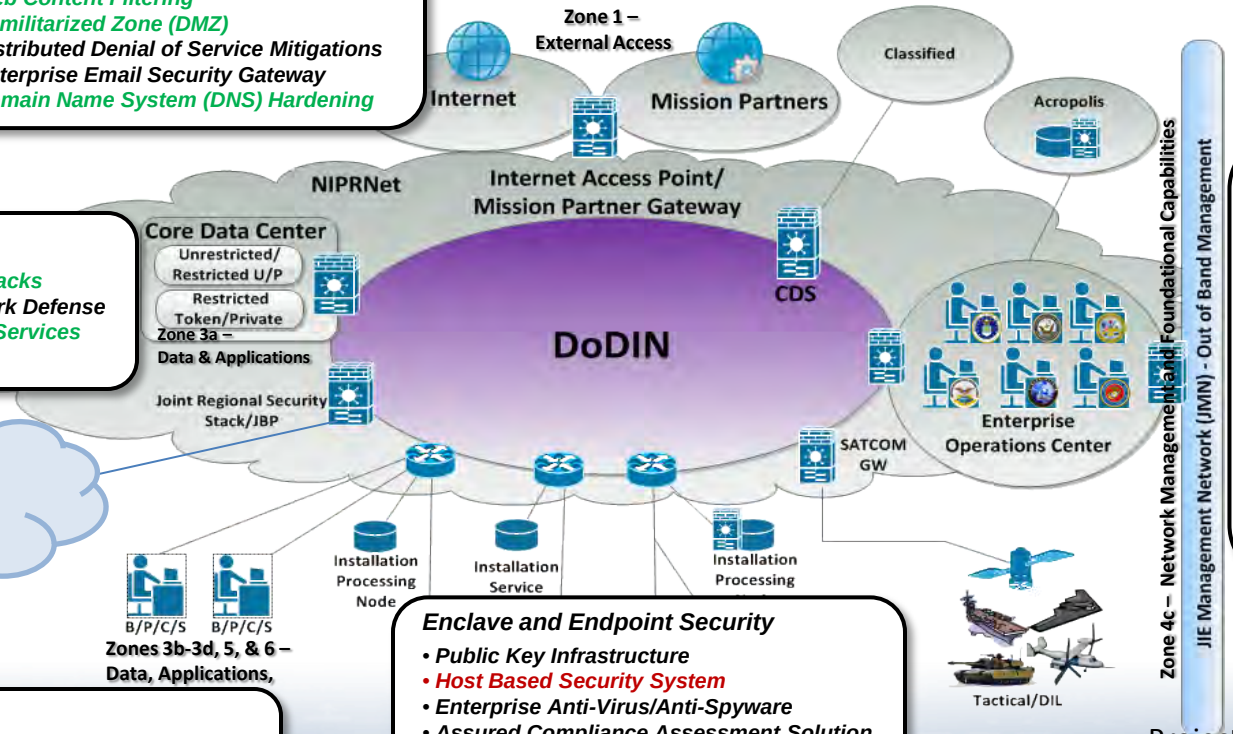
Internet Access Points
- Sensors (ECOS)
- Web Content Filtering
- Demilitarized Zone (DMZ)
- Distributed Denial of Service Mitigations
- Enterprise Email Security Gateway
- Domain Name System (DNS) Hardening



Regional Security
- Joint Regional Security Stacks
- Perimeter Zero Day Network Defense
- Cross Domain Enterprise Services
- Filter List Manager

Cyber SA/NetOps
- Cyber SA Analytic Cloud (CSAAC)
- Secure Configuration Management
- Continuous Monitoring Risk Scoring
- Enterprise Mission Assurance Support Service (eMASS)
- Insider Threat Analytics
- Security Information /Event Manager
- Joint Incident Management

Enclave and Endpoint Security
- Public Key Infrastructure
- Host Based Security System
- Enterprise Anti-Virus/Anti-Spyware
- Assured Compliance Assessment Solution
- Bootable Media
- Rogue Wireless Detection

Foundational
- Cyber Workforce Development
- Cyber Readiness Assessments

Projected contract actions:
Service Contract
New Solution

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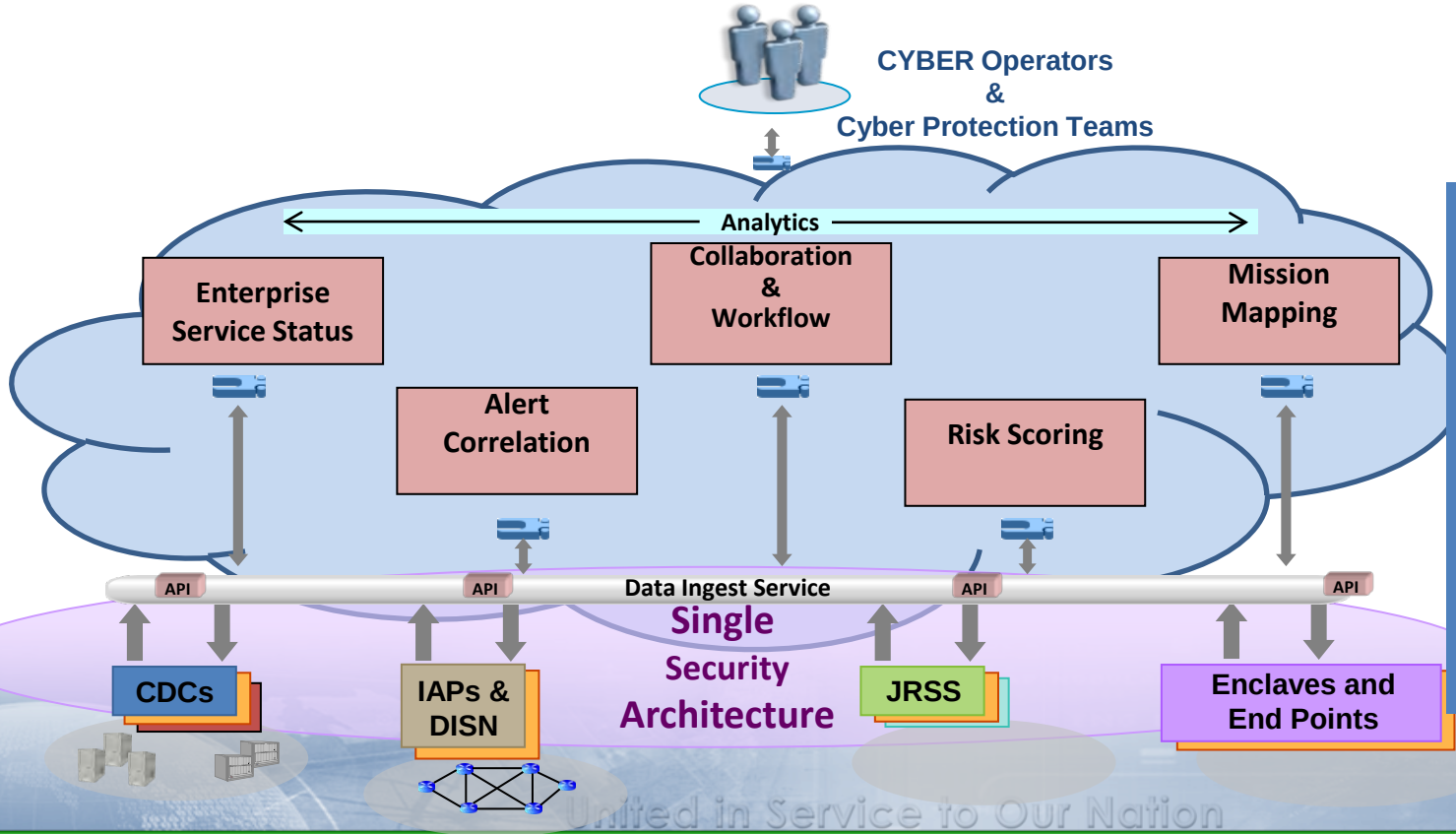
Cyber Situational Awareness Analytic Cloud

Enterprise Operations Center



Components

COTS:
- ArcSight
- Splunk
- Sensage
- Etc

GOTS:
"Big Data Analytics"
- Insider Threat
- Fight by Indicator
- CMRS

Structured Databases:
- MADSS
- JIMS
- eMASS

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Contact Information

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