



JRSS Overview

Joint Regional Security Stack

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JRSS – 5 Things You Need to Know

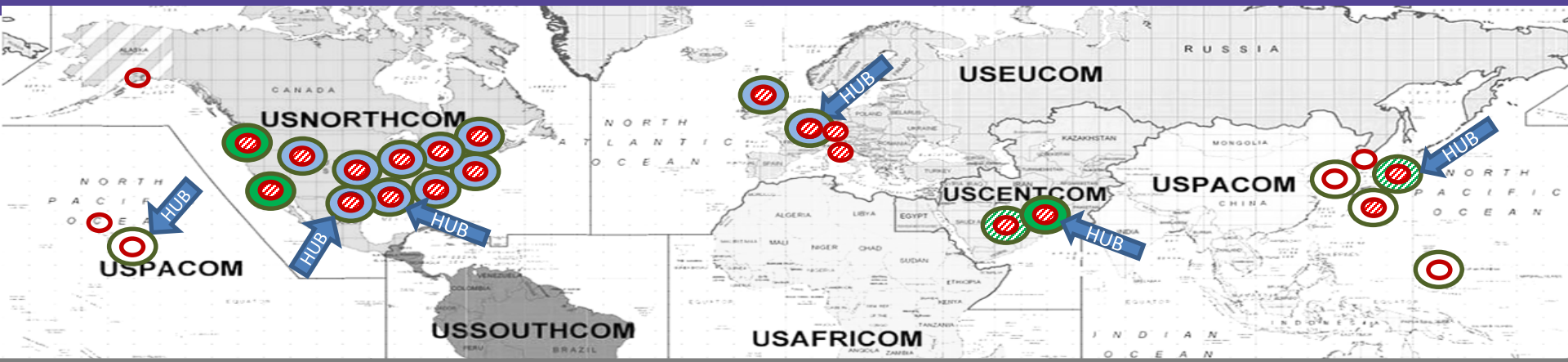
- **NIPR – The five things you need to know**
 - **2 Tiers – Agency level and Base level**
 - **Active/Passive Capabilities**
 - **High Availability architecture**
 - **Hub/Spoke – six hubs, 14 spokes**
 - **Virtual Route Forwarding (vrfs) and multi-tenancy – customer specific virtual instances of the stack**

- **SIPR – The differences**
 - **Only Agency Tier**
 - **Active/Passive Capabilities**
 - **No High Availability**
 - **Hub/Spoke – six hubs, 19 spokes**
 - **Virtual Route Forwarding (vrfs) and multi-tenancy – customer specific virtual instances of the stack**



JRSS & JMS Current/Planned Deployments

As of 10 Oct 2018



NIPR JRSS	SIPR JRSS	FUNDED	PROCURED	INSTALLED Equipment racked and cabled	ACTIVATED Baselined, STIGed, ready for traffic	MIGRATED Passing operational traffic
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23 NIPR Sites

- 11 CONUS (11 operational)
- 12 OCONUS (2 EUR operational)
 - (1 SWA operational, 1 installation in progress)
 - (4 PAC procurement complete, 1 in progress)
 - (3 PAC not funded)

25 SIPR Sites

Army: ~485,000 users protected at the Agency & Base Level
Air Force: ~418,000 users protected at the Agency Level
Joint Users: ~30,000 users protected at the Agency & Base Level



JRSS Logical “Suites” of Capabilities

Agency Cybersecurity Suite

Fwd Web
Proxy
WCF

Agency
Firewall

Agency Intrusion
Prevention
System

Agency Intrusion
Detection System

Break and
Inspect
(To Be)

Multi-Scan
Anti Virus
System

Session /
File
Analysis

Base Cybersecurity Suite

Base Firewall

Base Intrusion
Prevention System

Base Intrusion
Detection System

Reverse Web
Proxy

Management and Analytic Suites

Data Loss
Protection

Session / File
Analysis

SIEM

Multi-Scan Anti
Virus System

Full Packet
Capture

Collaboration
Mgnt

Performance
Mgnt

Event
Mgnt

Incident
Mgnt

Config
Mgnt

Change
Mgnt

Secure
Access

IDAM /
RBAC

Analytics/
Security



Information Resources

DoD CIO wiki (CAC required):

<https://www.milsuite.mil/wiki/JRSS>

JRSS Portal (CAC required):

[https://disa.deps.mil/ext/cop/mae/
cop_mae/JRSS/SitePages/Home.
aspx](https://disa.deps.mil/ext/cop/mae/cop_mae/JRSS/SitePages/Home.aspx)

Contact email:

[disa.meade.id.mbx.jrss-jmt-gov-
leads@mail.mil](mailto:disa.meade.id.mbx.jrss-jmt-gov-leads@mail.mil)



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Joint Regional Security Stack (JRSS)

- **Complementary defensive security solutions that:**
 - Remove redundant cybersecurity protections
 - Leverage enterprise defensive capabilities with standardized security suites
 - Protect the enclaves after the separation of server and user assets
 - Provide the tool sets necessary to monitor and control security mechanisms
- **Addresses immediate needs:**
 - Defend the cyber warfighting domain
 - Shrink attack surface
 - Standardize security architecture
 - Streamline Command and Control
 - Synchronize Global Network Operations



Installed JRSS

JRSS Value Proposition = Security + Network Modernization + Cyber SA



JRSS Strategic Focus Areas

- Operational Training
- Migration Standardization
- Mature the JMS and JRSS
- SIPR JRSS
- Operational Policy, Processes, and Governance



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