VISHNU APPLIANCE

Cross Domain Solution

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Streaming Your Data Real Time At The Speed Of The Warfare To The Edge

VISHNU Appliance At A Glance

- NCDSMO Certified
  - Only tested appliance that will be on the baseline
- Single Appliance Installation
- Partnered with HPE to build the hardware
- RTB Compliant
  - RTB - TPR-6 The CDS Vendors shall be responsible for sourcing the hardware for the installations.
- Multiple Configuration Options
- Built-In Data Conversion Engine
- Fast processing times
- Bi-directional (Receive & Deliver)
- Can receive multiple data sources

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Delivering Data to the Edge

- Ingest data from sources at the appropriate classification

- Data transformation from the source and destination

- Enables **Faster Sharing** between classification domains

- Machine-to-Machine Streaming data in real time

- Supports multiple protocols (HTTP, SFTP, TCP, JMS, etc.)

- No replication of data to higher classified networks

- Decrease hardware from standard 4 servers to one 2U device
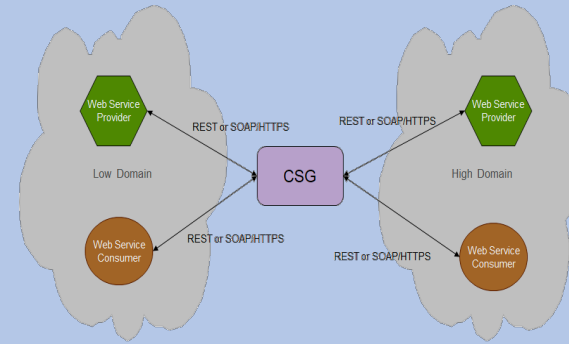
- Lower cost of ownership

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VISHNU Data Exchange Engine (CDS)
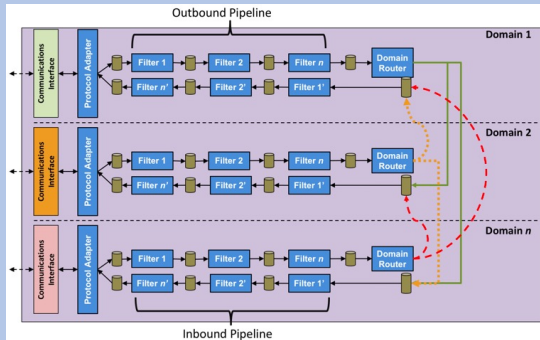
- Fully equipped with all the filters and security protocols
- Direct Data Pipeline increases speed
- Delivering Data to the Edge Fast and Protected

- Bi-Directional
- Connect up to 6 domains
- Collects all the audit, performance, system metrics
- Supports remote management

- RTB Compliant
- Compliant with DISA STIG
- Validation Checking
- Security Compliance Paperwork
- Fast Deployment

- Stores digital certificates, licenses and definitions files
- Can be configured for enterprise deployment
- Cost savings on hardware and implementation

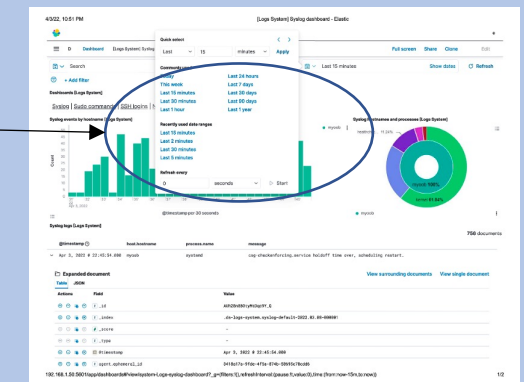**Streaming Your Data Real Time At The Speed Of The Warfare To The Edge**

Data Conversion Node

- NODES are100% independent
- Use of Container technology = Scale to meet the Speed of change
- Supports modifications without the need for recertification
- NODES are based on X86 64 Bit Architecture
- Each NODE has up to 256 Virtual Cores
- **Scalable** unified Hardware Infrastructure to keep up with the speed of the warfare
- **Reduces Cost** of deployment

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VISHNU Dashboard

- Provide Information At -a-Glance
- A collection of charts, graphs, metrics, searches, and maps that have been collected together onto a single pane
- Users can drill down into the details
- Customize How You want to see your data and design your reports
- Log and real time-series analytics
- Application monitoring
- Operational intelligence use cases
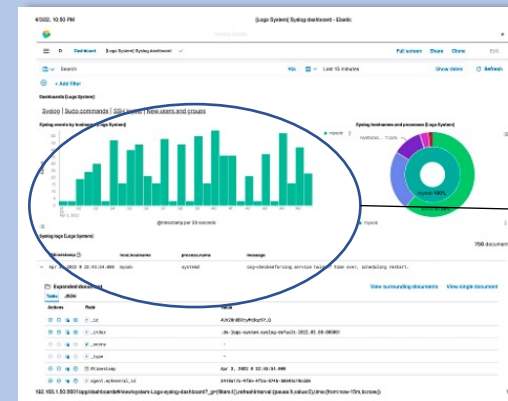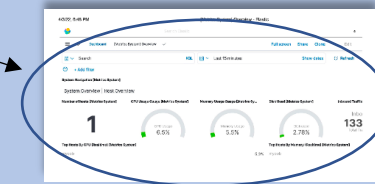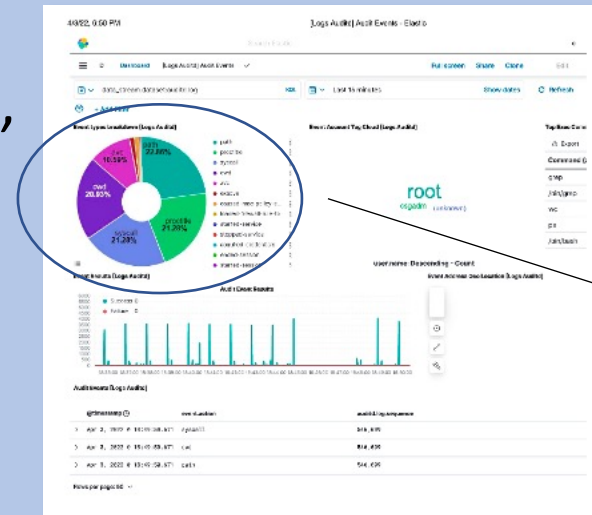
VISHNU E-Learning Center

- Cost Effective
- Time Efficient
- Easily adaptable, yet consistent
- Self Paced
- Everywhere Learning – not limited by place or time
- Generates recognized NCDSMO certificate
- Annual reminder of certificate renewal
- Trouble ticket management
- CDS administrators collaboration center
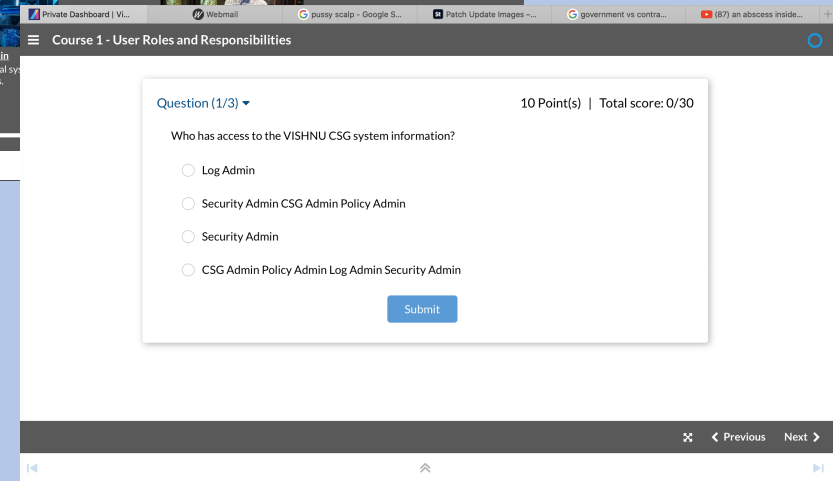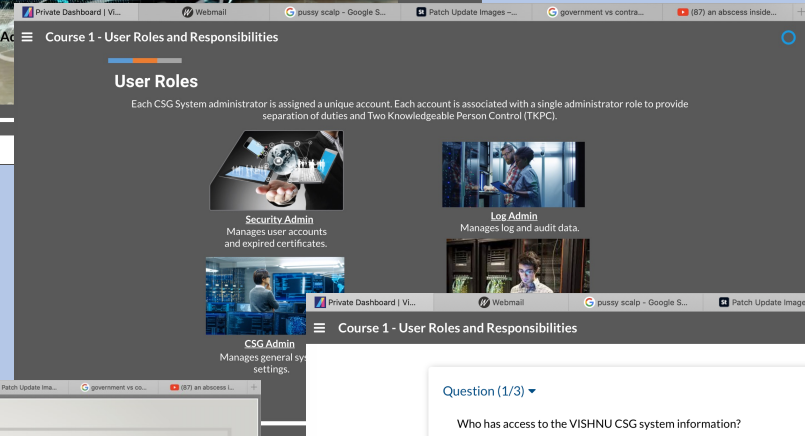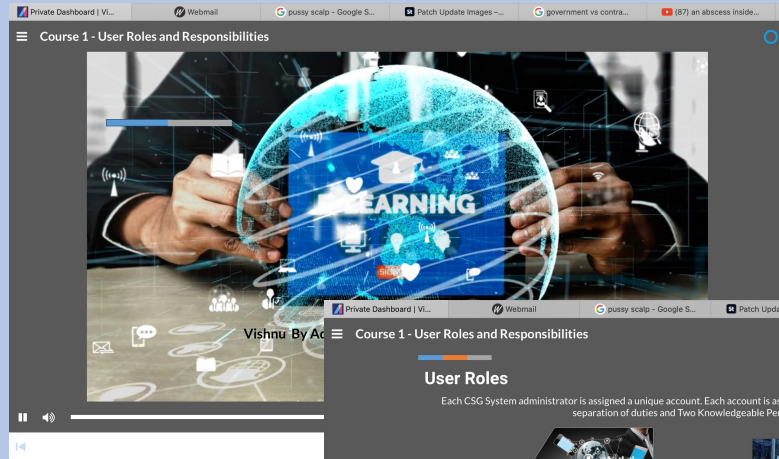
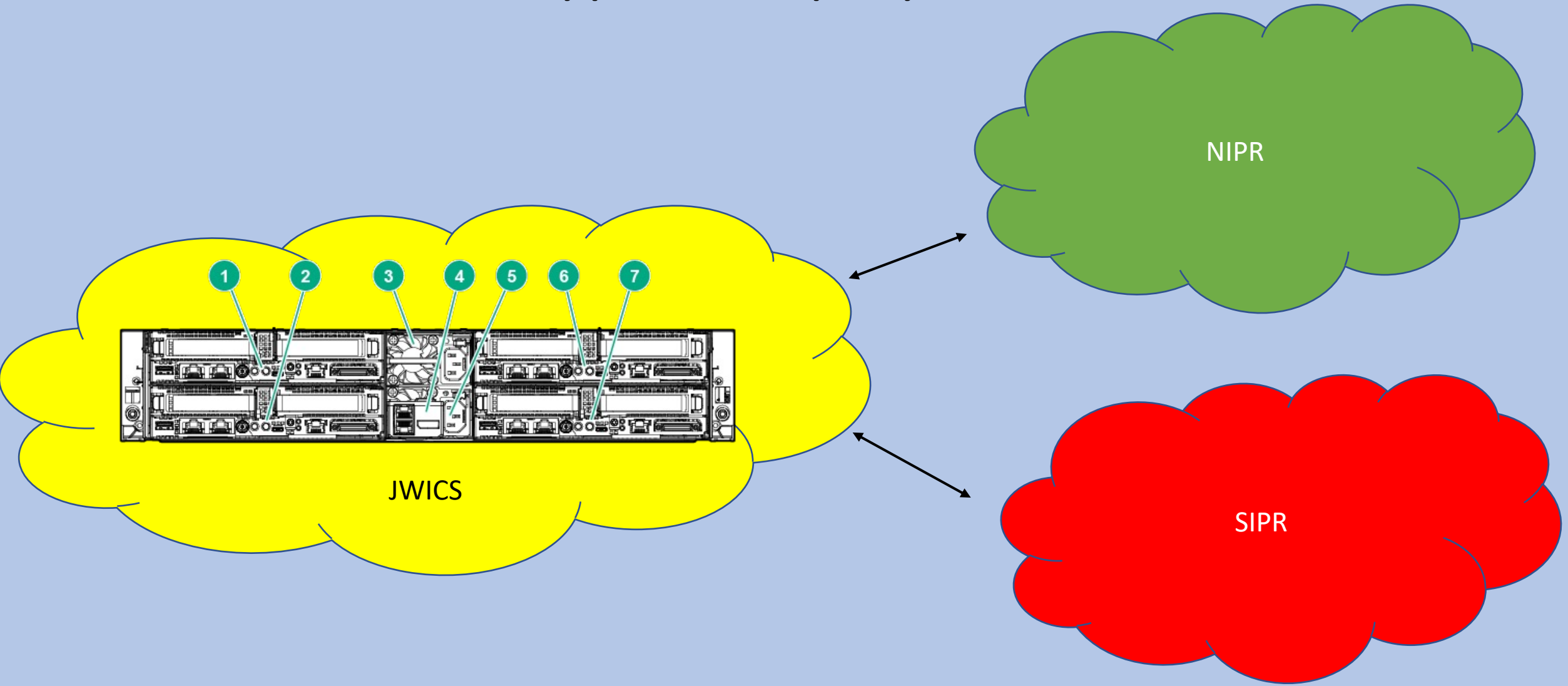Streaming Your Data Real Time At The Speed Of The Warfare To The Edge

Value Proposition

- Reduction in Hardware to deploy
  - RTB - TPR-6 The CDS Vendors shall be responsible for sourcing the hardware for the installations.

- Increase in compute and storage density

- Reduced deployment time

- Data processing can be customized and deployed in real time without recertification

- Data processing recertification cost

- Scales easily

- Faster ATO Process

- Performance and Metrics data dashboard

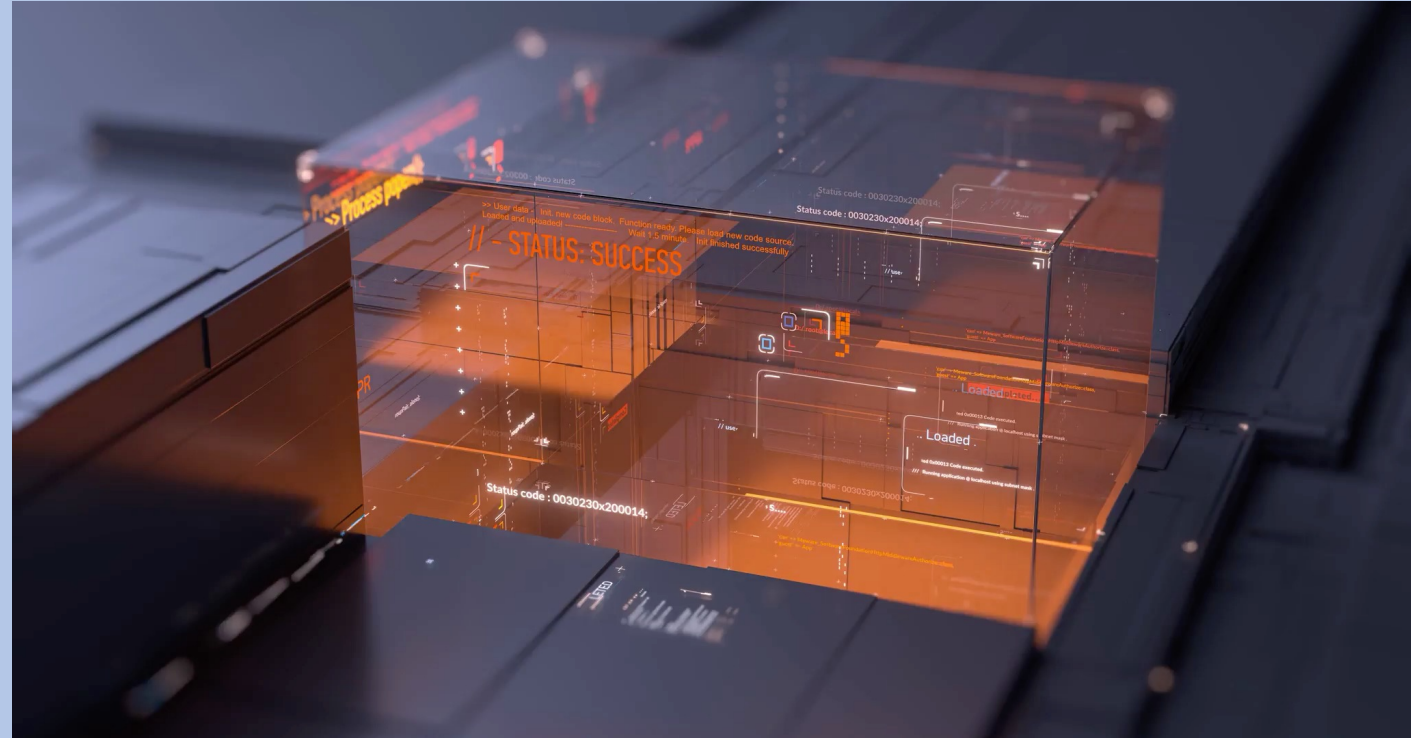Streaming Your Data Real Time At The Speed Of The Warfare To The Edge

Typical Deployment

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ABOUT AGE CYBER SECURITY SOLUTIONS

- Established in 2005

- Over 10 years in Cross Domain Solutions Development

- Cross Domain Solution SME's
  - Interface weekly with National Cross Domain Solution Office (NCDSMO) on issues related to CDS Design & Development
  - Raise The Bar (RTB) Compliance SME's

- Experience in Deployment, Training for the following customers
  - NSA
  - Air Force
  - Canadian Security Establishment
  - Australian Department of Defense

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