OSCEdge

We Engineer Solutions!
IT, Cyber, Cloud.

OSC Edge: Empowering Secure Classified Solutions

Unlocking the Potential of Enigma Cross Domain Solutions (CDS) and Virtual Desktop Infrastructure (VDI) for Commercial Solutions for Classified (CSfC) and Beyond

At OSC Edge, we are pioneering the future of secure classified solutions through our Enigma Cross Domain Solutions (CDS) and Virtual Desktop Infrastructure (VDI) environments. Our mission is clear: to deliver cutting-edge IT solutions that enable rapid adaptation and resilient security in a world where agility and data protection are paramount.

ENIGMA CROSS DOMAIN SOLUTIONS (CDS) ENVIRONMENT

Protecting Critical Data and Resources

Cross Domain Solutions form the bedrock of robust security protocols, ensuring the safeguarding of critical data and network resources. They facilitate real-time data transfer, swift threat detection, and efficient response. Our CDS environment offers a single End-User Device (EUD) that secures access to multiple classifications, aligning seamlessly with the diverse mission requirements faced in dynamic environments.

ACCOMPLISHMENTS TO DATE

- Deployment of Forcepoint Distribution Console (DC) in Los Angeles
- Access to SIPR IL6 VDI established
- Implementation of Smartcard logins
- Access to NIPR pre-staged

CAPABILITIES IN PROGRESS

- Installation in Equinix starting on 11/1/2023 for additional Forcepoint Distribution Consoles (DC)
- Installation in Equinix starting on 11/01/2023 for the High-Speed Guard (HSG) to provide real-time CSfC logs for Cyber Security

ENIGMA VIRTUAL DESKTOP INFRASTRUCTURE (VDI) ENVIRONMENT

Empowering Scalable and Robust Virtual Desktops

Our VDI environment, built on the CITRIX technology platform, offers scalability and robustness, tailored to meet diverse project demands. It ensures seamless desktop virtualization, secure remote access, and optimal performance, along with centralized management and efficient resource allocation.

ACCOMPLISHMENTS TO DATE

- Deployment of Citrix Delivery Controllers
- Deployment of Citrix Storefront Web Services
- Implementation of Citrix NetScaler Load balancers
- Creation of Multi-Tenant Enclaves
- Configuration of RBAC Policies and Multi-Factor Authentication policies
- Integration of Citrix Core Components and PKI/PKE for Front-end Services

CAPABILITIES IN PROGRESS

- Integration of SIPR token with Enigma
- NetScaler Site integration
- Multifactor integration with Single Sign-On (SSO)
- Azure Host Services Integration
- Azure Key Vault Hardware Security Module (HSM) Integration

MISSION THREADS UPDATES

Demonstration of capabilities scheduled for this afternoon and tomorrow.

COMMERCIAL SOLUTIONS FOR CLASSIFIED (CSFC)

Empowering Remote Workforce in a Classified World

OSC Edge recognizes the importance of CSfC solutions in enabling a remote workforce to mitigate the challenges posed by the modern world. The COVID-19 pandemic necessitated a paradigm shift in the way we work, and CSfC solutions provide secure means to do business in a classified environment.

OSC EDGE PROVIDES ANYTIME, ANYWHERE CONNECTIVITY

- Extends SIPRNet command and control capability globally
- Consistent workplace functionality regardless of location

OSC EDGE PROVIDES RAPID STAND-UP

- Enables fielding of secure communication solutions in just three months
- Streamlines the process from requirements definition to ATO

OSC EDGE CAPABILITY PACKAGES PROVIDE NEED-BASED SOLUTIONS

- Variety of packages, including CSfC Campus WLAN, Mobile Access, Data-at-Rest, and Multi-Site Connectivity
- Utilizes encrypted hardware and software solutions and Red/Gray/Black networks

MODERN, AGILE, AND RESPONSIVE

Our solutions leverage modern Commercial Off-the-Shelf (COTS) hardware and software technologies, delivering timely and relevant cyber-secure communications for rapidly evolving requirements.

HIGHLY DEVICE-COMPATIBLE

Our CSfC solutions work on approved devices, ensuring complete workplace functionality with security up to Secret level.

THE OSC EDGE CSFC AND MILS SOLUTION

- Enabled by ForcePoint
- Only one red management network
- Cost-effective hardware requirements
- Scalable to multiple classified networks
- Supported by the US Army

ACTIVE OSC CSFC SOLUTIONS

OSC Edge has successfully implemented CSfC solutions for the US Army, providing secure access and scalability.

SUMMARY

OSC Edge's CSfC solutions are revolutionizing remote work, offering secure access to classified networks and critical data anywhere in the world. Our solutions are adaptable, reliable, and future proof, enabling leaders to communicate securely and efficiently. OSC Edge is at the forefront of empowering the remote workforce and securing critical information.

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