NDi | **NETWORK DESIGNS inc**

ViSR Virtual Secure Remote

Access classified computing resources anytime, anywhere by mobile or fixed devices.
NSA Approved

ViSR (Virtual Secure Remote) is NDi's branded NSA Commercial Solution for Classified (CSfC) approved, Zero Trust Architecture (ZTA) enabling solution for DOD and Federal Agencies that can provide Unclassified and Classified network access (and up to TS) over the public infrastructure – 4G/5G, Wi-Fi, iPhone/Android hotspot – anywhere, anytime to users around the world.

Anywhere. Anytime Access.
Faster, Agile & Cost Effective

The National Security Agency (NSA) Commercial Solutions for Classified (CSfC) Program enables approved commercial products to be used in layered solutions leveraging industry innovation to protect classified National Security Systems (NSS) data. This provides the ability to securely communicate based on commercial standards in a solution that can be fielded in months, not years.

NSA has developed, approved, and published solution-level specifications called Capability Packages (CPs), and works with technical communities from across the industry, government, and academia to develop and publish product-level requirements in US Government Protection Profiles (PPs).

NDi architected, built and managed a ViSR capability, an NSA CSfC/DOD approved remote multi-level security network access solution, that supports up to 15K end users at a DOD installation. ViSR is a full featured enterprise class capability, designed to provide authorized end users with end-to-end connectivity up to Secret, enabling web, email, video teleconferencing, telephonic service, and IL6 Cloud assets via fixed and mobile devices. The service allows workers the ability to access classified or Multiple Independent Levels of Security (MILS) over the public infrastructure via 4/5G, Wi-Fi, Hotspot, LAN and tactical/field connectivity. In addition, the service allows for remote, over-the-air (OTA) updates, patches and configurations without having to send the End User mobile device back to the depot.

ViSR Aligns Technology with Outcomes

Time-use Efficiency: ViSR saves significant time by providing wider/expanded access to classified data where and when that data is needed. This greatly reduces travel time to and from traditional access facilities, especially for geographically disadvantaged users.
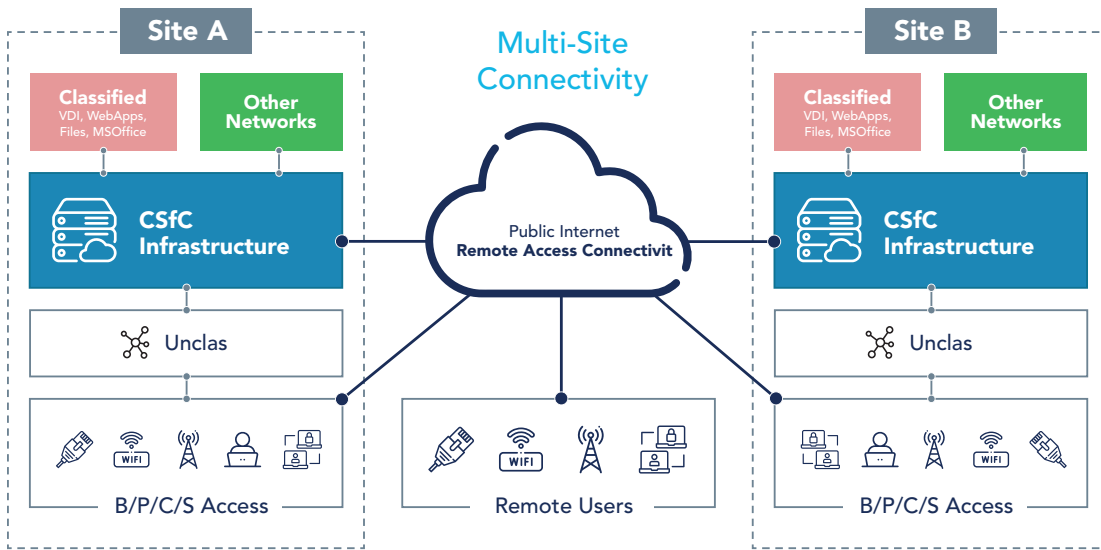
Cost Efficiency: The cost savings can be measured in several ways. Initial cost savings related to current travel requirements to physical facilities is eliminated. In addition, this capability off sets cost of current classified and controlled cryptographic item (CCI) infrastructure requirements. The ability to access classified data and applications in any facility without hardwiring classified access voice/data/video ports. Traditional classified data port per user cost is several thousand dollars per year.

Adaptability: 100% increase in mobility in organizations requiring access up to classified data – email/phone/video/virtual conference calls and other classified applications via a stand-alone laptop or desktop. Eliminate traditional hardware/software overhead.

Operational Resilience: The accredited reference architecture is designed to be highly resilient with automatic failover, enabling the capability to withstand outages and connectivity issues. The ViSR virtual environment inherently delivers a high degree of operational readiness while eliminating infrastructure and associated logistics. ViSR experienced zero outages during a 24 months of operational capability supported by NDi.

Customer Experience: The ViSR capability was designed starting with the end user in mind. This solution is robust and capable of delivering applications at the speed of traditional non-classified systems, providing the end-user an experience that exceeds existing access capabilities. Ability to assign processing, memory, GPU to high-performance users. These drive increased productivity and effectiveness.

Site A — Multi-Site Connectivity — Site B

- Classified: VDI, WebApps, Files, MSOffice
- Other Networks
- CSfC Infrastructure
- Unclas
- B/P/C/S Access
- Public Internet / Remote Access Connectivit
- Remote Users

Features & Benefits

Grows with the Enterprise	• Repeatable, scalable, approved architecture (deploy in 150-180 days) • Available as a managed service or client owned
Simplified Operations & Management	• Over the Air (OTA) updates and certificate renewals • Operating system software upgrades limiting downtime after deployment • Integrated cross domain for simplified management across enclaves • Command and control performance planning, netflow and monitoring
Advanced End-User Features	• Configured for Enterprise routing via unclassified ports, WiFi, or enterprise transport • Integrated with enterprise cybersecurity services (end-point security, end-point manager, symmetric or asymmetric key, SIEM, etc.) • Cross-domain printing services reduces power, space and cooling