

▼ CyberSpace Solutions Center – The Enterprise

CyberSecurity – Growing More Important Every Day

Northrop Grumman's CyberSpace Solutions Center (CSSC) enables the full spectrum of operations for times of peace or conflict

- Concept development
- Experimentation
- System integration
- Planning
- Exercising
- Mission execution



Hostile penetrations of cyber systems are widespread, successful and growing, with large computer networks in government and private industry sitting as prime targets. These attempts to steal data and potentially disable systems pose a serious threat to national security.

Northrop Grumman hosts a range of operators – from system administrators to uniformed warfighters. From threat detection, analysis, and exploitation to passive and active defensive measures, Northrop Grumman gives cyber developers and owner/operators the ability to develop, exercise and perfect tactics, techniques and procedures in a faithfully replicated network enterprise. Accurate emulation allows realistic, “live-fire” penetration and preventive operations to be conducted safely and legally; segregated from actual operational networks.

Concept Exploration, Capabilities Development and Mission Execution

For over a decade, Northrop Grumman has been actively involved in creating capabilities and supporting cybersecurity professionals. The company's efforts began with small, separate, distributed capabilities and have evolved into an extensive, distributed, net-centric cyber environment. These capabilities are completing a full transition from simple network operations, such as logging anomalies, correlating attack information and reacting to adversary actions, to a more proactive stance that assures unfettered access to national networks with immediate and dire consequences to organizations attempting to deny access. Now Northrop Grumman can empower cyber operators to do much more than just watch. They can analyze, predict, prevent and, if authorized, respond to real-time threats whenever and from wherever they occur.

CSSC – Adding Value to Cyber Operations with Effectiveness Across the Entire Spectrum of Conflict

- Peacetime preparation helps deter hostilities and ensures readiness
- Training and exercising in a safe, realistic environment
- Applicable to network defense, exploitation and attack
- Relevant for civil, federal and military purposes

For more information, please contact:

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