Cyber Situational Awareness (CSA)

Globally-scalable Visualization and Analytics for Cyberspace

THE VALUE OF PERFORMANCE.

NORTHROP GRUMMAN
The Northrop Grumman CSA Tool Suite is a set of web-based tools developed for visualizing, sharing and understanding cyber datasets. User-defined maps of public and private IP-space visually correlate cyber events and datasets to enhance understanding of critical behavior on global and enterprise-scale networks. The maps allow users to visualize IP-space in multiple ways simultaneously and then overlay knowledge of network events, status, or functions on these maps. Additionally, a modular, analytics framework is included that makes “big data” analytic techniques available to a broad user base by both reducing analytic development complexity and automating analytic result visualization.

Features

• Intuitive presentation of global-scale (multibillion host) network structures and enclaves
• Provides multiple user-defined IP-space and geospatial maps to correlate and visualize IP datasets
• Cluster detection and identification analytics for cyber datasets using IP-space maps
• Simple drag-and-drop creation, configuration and sharing of complex cyber analytics, increases analyst productivity
• Automatic coordination and sharing of results across multiple analytic frameworks (cloud, streaming, database, etc.)
• Cyber Markup Language (CML) enables sharing of a common view of network events, analytic results, and actions, increasing collaboration

Benefits

• Provides today’s cyber warriors with a real-time, comprehensive understanding of the cyber battle space to make informed operational decisions in a more timely and proactive manner
• Minimal investment to integrate into existing environments
  - Minimal training time needed
  - Utilizes existing hardware/software platforms

For more information, please contact:

Northrop Grumman Information Systems
9020 Junction Drive
Annapolis Junction, MD 20701
Dr. Scott Miserendino
443-654-6170
scott.miserendino@ngc.com

www.northropgrumman.com

© 2013 Northrop Grumman Systems Corporation. All rights reserved. Approved for Public Release: 13-1615 IS9300813