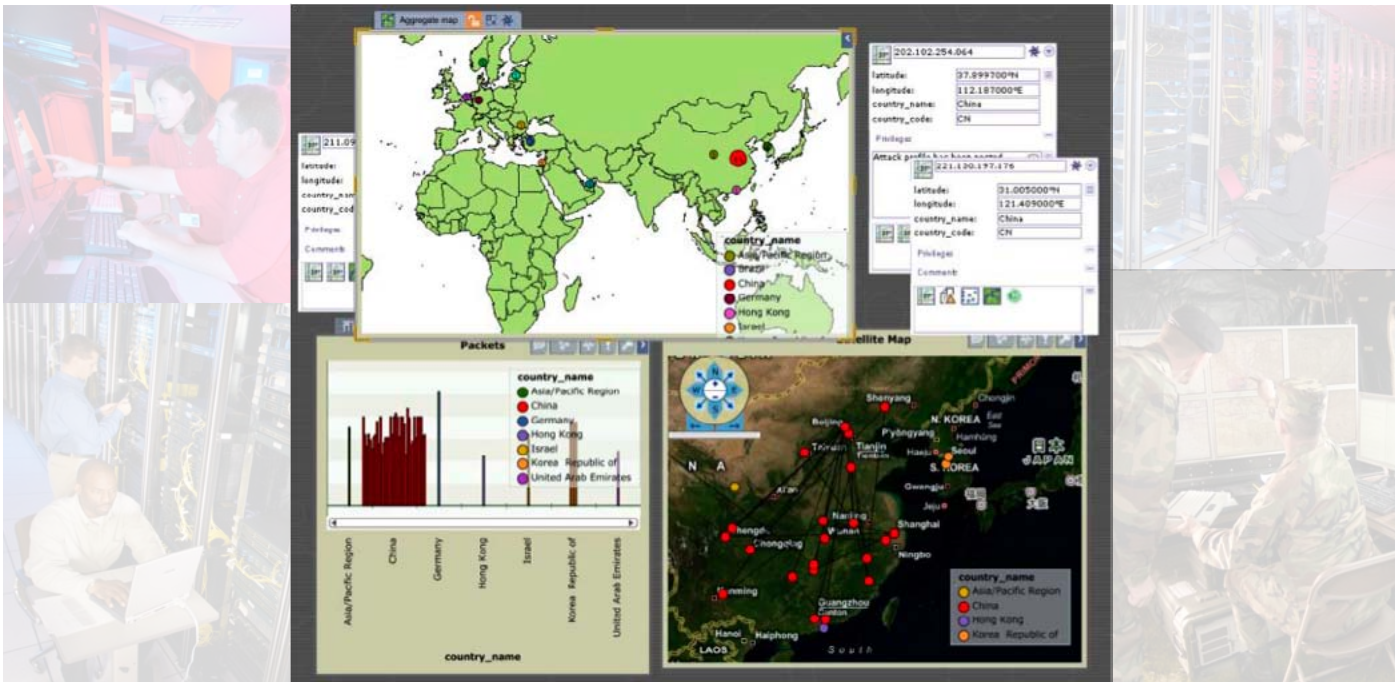
CoMotion® Cyber



Situational Awareness Visualization, Collaboration, and Data Fusion for Cyber Operations

Individualized visualization of the cyber common operational picture from diverse cyber sensors

"Net speed" interactive and secure collaboration to share results and plan coordinated response

Cyber data fusion for continuous monitoring and cyber data manipulation

Based upon General Dynamics' CoMotion technology used in the kinetic battle domain, Command Post of the Future (CPoF)

This is an interim datasheet for the CoMotion Cyber technology.

Cyber Situational Awareness and Response Planning

The Problem: Currently cyber defenders are presented with overwhelming volumes of data. Most of this data is single source — configuration vulnerabilities are available from one tool; anti-virus data from another; network intrusion from yet another. And currently, each data set comes with its own management application.

It is impossible to get a complete picture of your network using only these stove-piped management services. In order to Investigate malfunctioning and possibly infected hosts requires the cyber defender to navigate from one screen to another, manually correlating the data in an Excel® spreadsheet or other cumbersome tool.

The Solution: General Dynamics has created a cyber-oriented version of its popular CoMotion engine. Today, for example, CoMotion is being used in the Command Post of the Future (CPoF) for battle situational awareness.

The cyber version of this powerful tool provides geographical, network physical, network logical, and data analysis visualizations of your cyber operations. CoMotion Cyber appends meta-data with sensor data from multiple stove-piped cyber-sensor applications, allowing that data to be combined, manipulated and visualized for complete cyber situational awareness.

CoMotion Cyber also enables secure information sharing with visual and textual collaboration mechanisms. Cyber defense operators can share active cyber threat information, develop a coordinated response plan, and share progress and results.

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