U.S. Coast Guard Innovation EXPO
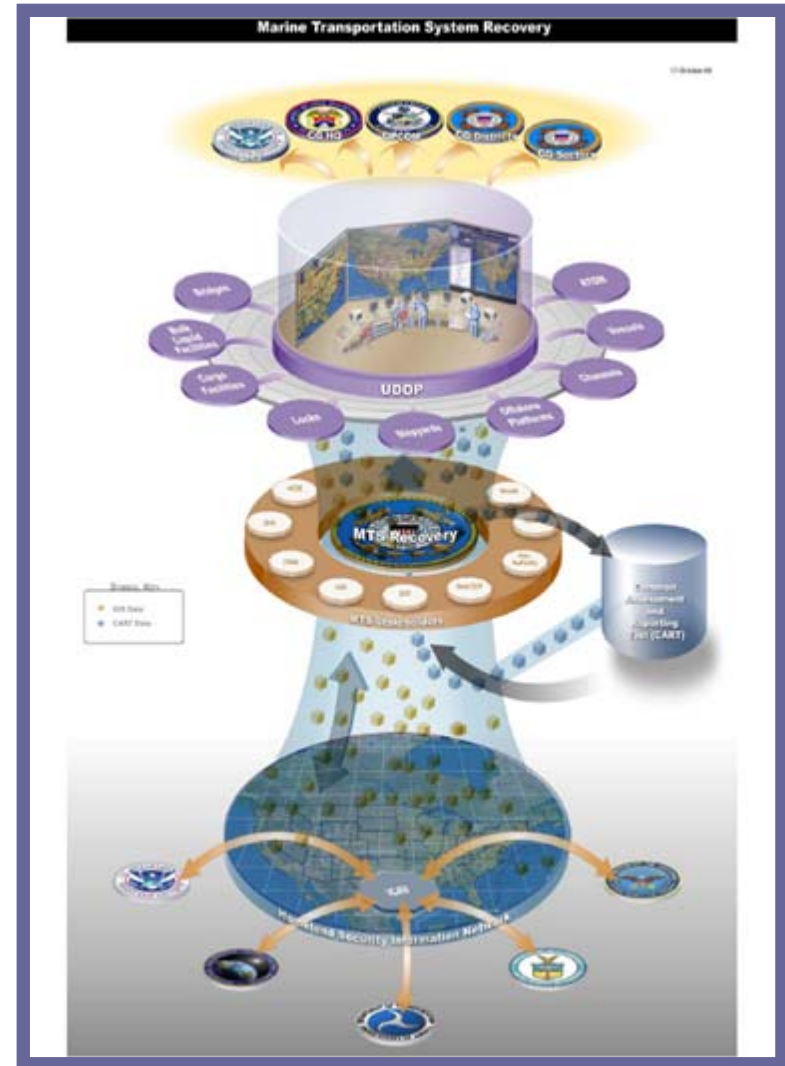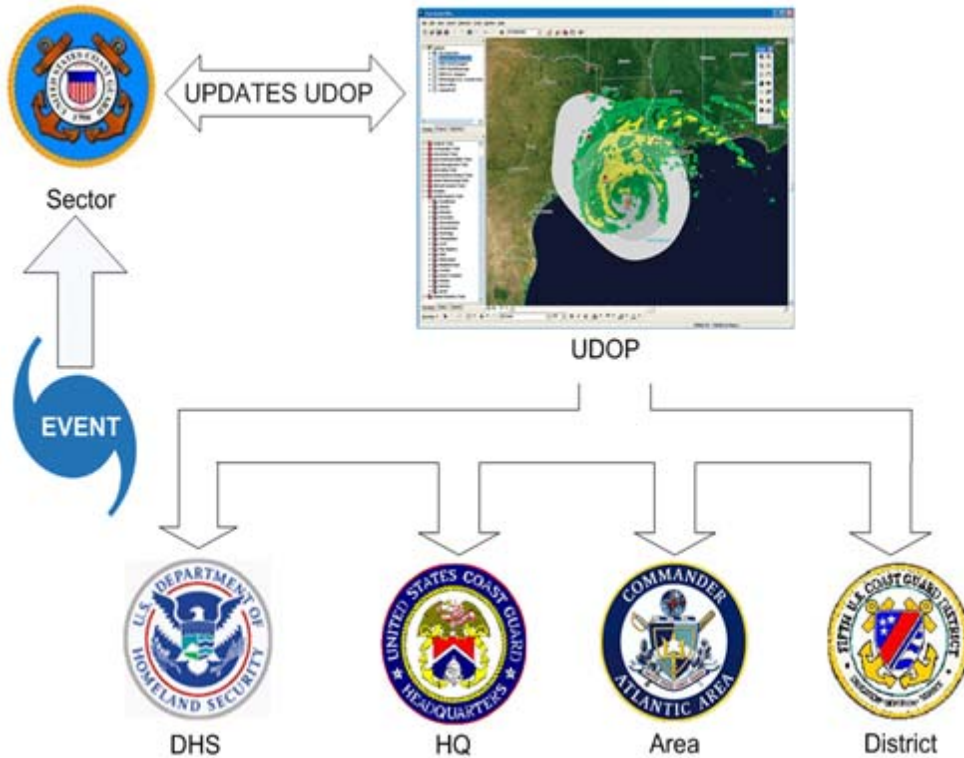
Industry Thought Leaders: How Industry Brings Experience, Engineering and Expertise to the Table

November, 17, 2009

Coast Guard Challenges/Opportunities

- **Achieve Awareness in the Maritime Domain - CART**

- **Meeting growing demand in a Resource Constrained Environment – RCRP**

- **Information Dominance – CYBER Capability**

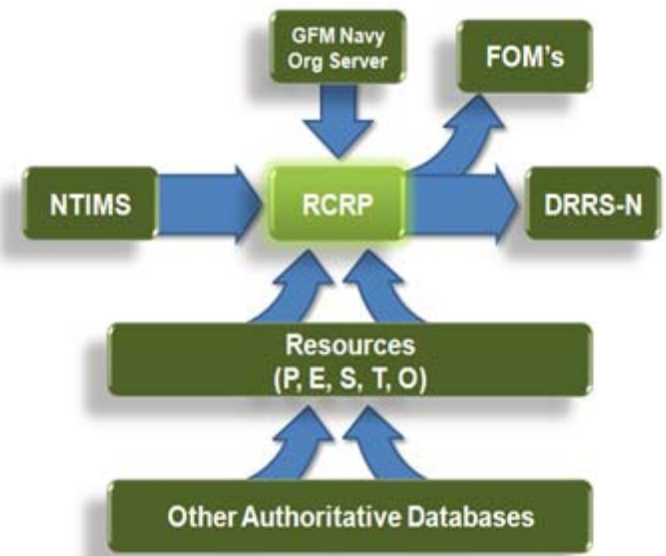- **Integrated Coast Guard Capabilities – Mission Engineering**

Marine Transportation System (MTS) Common Assessment Recovery Tool (CART)
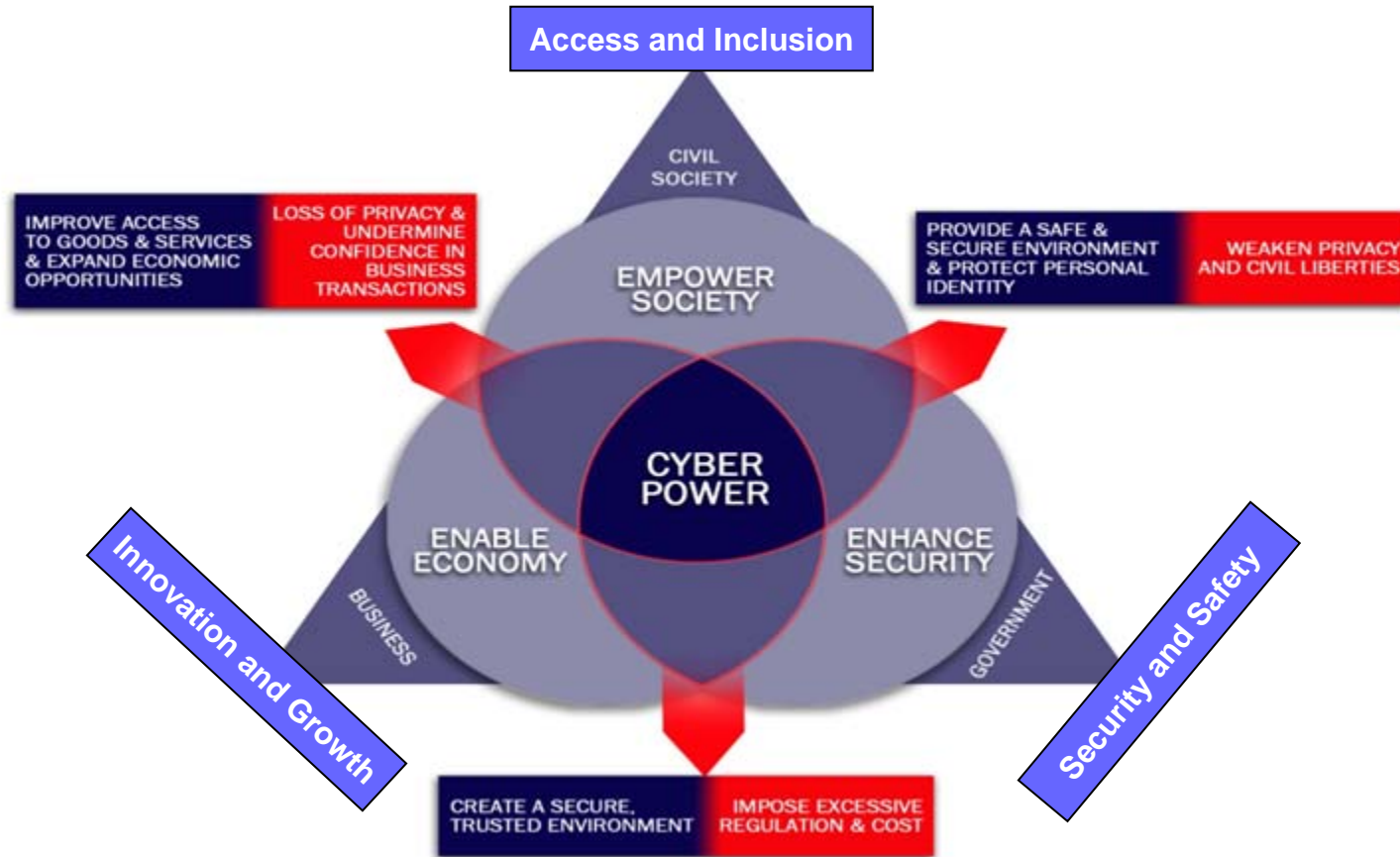
Readiness Cost/Capability Report Process

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Integrated Approach for Securing Cyberspace

Understanding and addressing these key tension is key to realizing the full benefits of cyber while managing the risks

Mission Engineering

Mission Engineering's iterative analysis focuses on Capturing, Analyzing, Cataloging, Communicating, and Refining Program Needs

Mission Engineering
Iterative Analysis

Phase 1
Community Analysis

Phase 2
Operations Analysis

Phase 3
Systems Analysis

Community Analysis determines the major stakeholders, customers, information transactions, and applications supporting the organization's core mission

Operations Analysis defines the scope of business activities, how they map to current applications, and how they should align to future systems

Systems Analysis maps data and applications to business functions resulting in clearly defined requirements that support an organization's operating needs

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