

U.S. Coast Guard Innovation EXPO

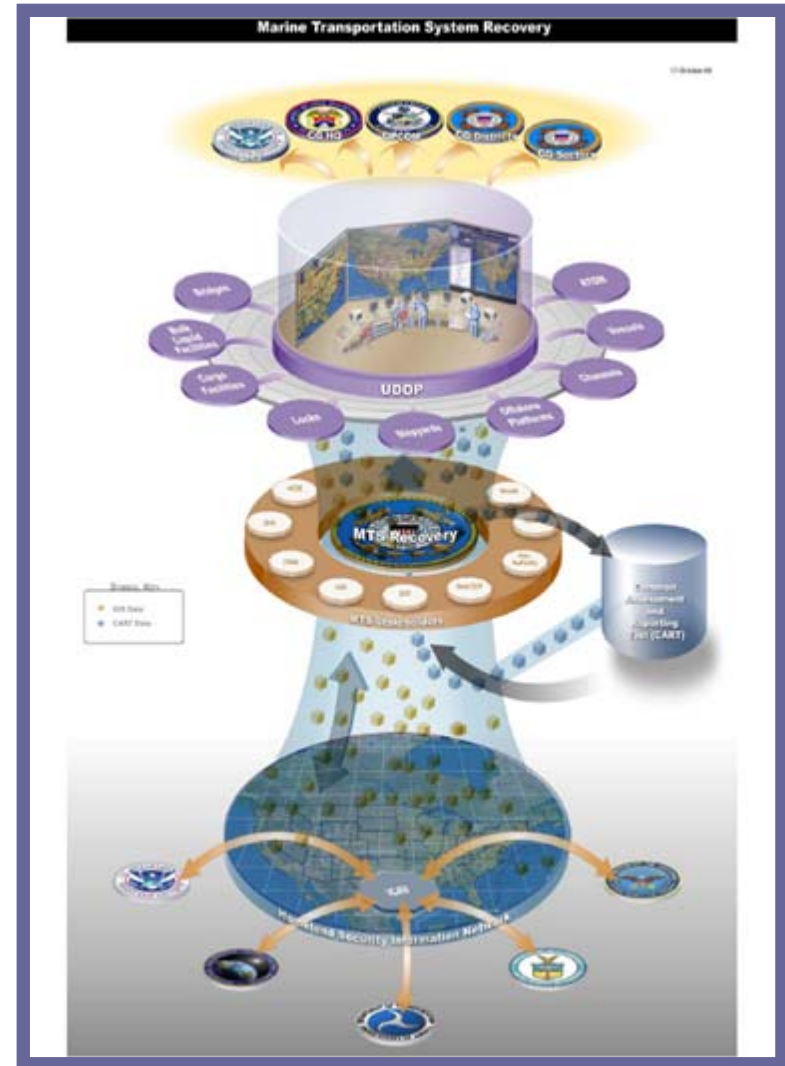
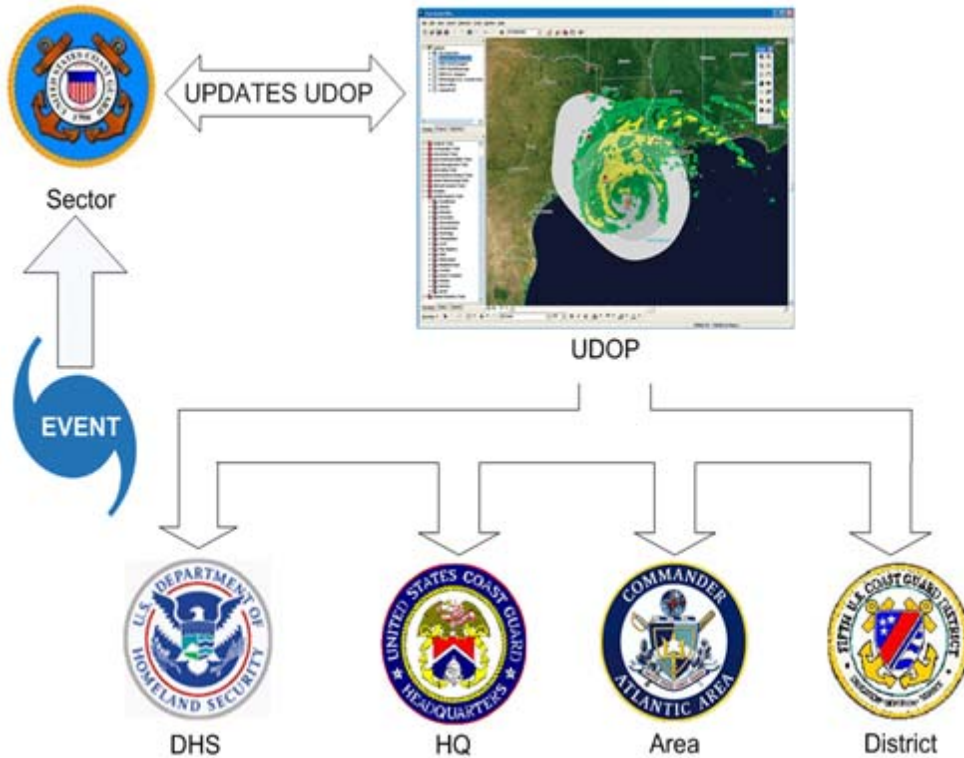
Industry Thought Leaders: How Industry Brings
Experience, Engineering and Expertise to the
Table

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**

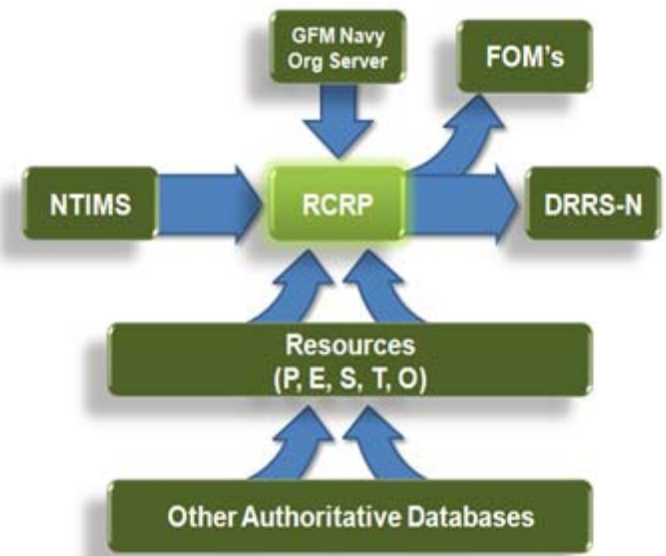
Marine Transportation System (MTS) Common Assessment Recovery Tool (CART)



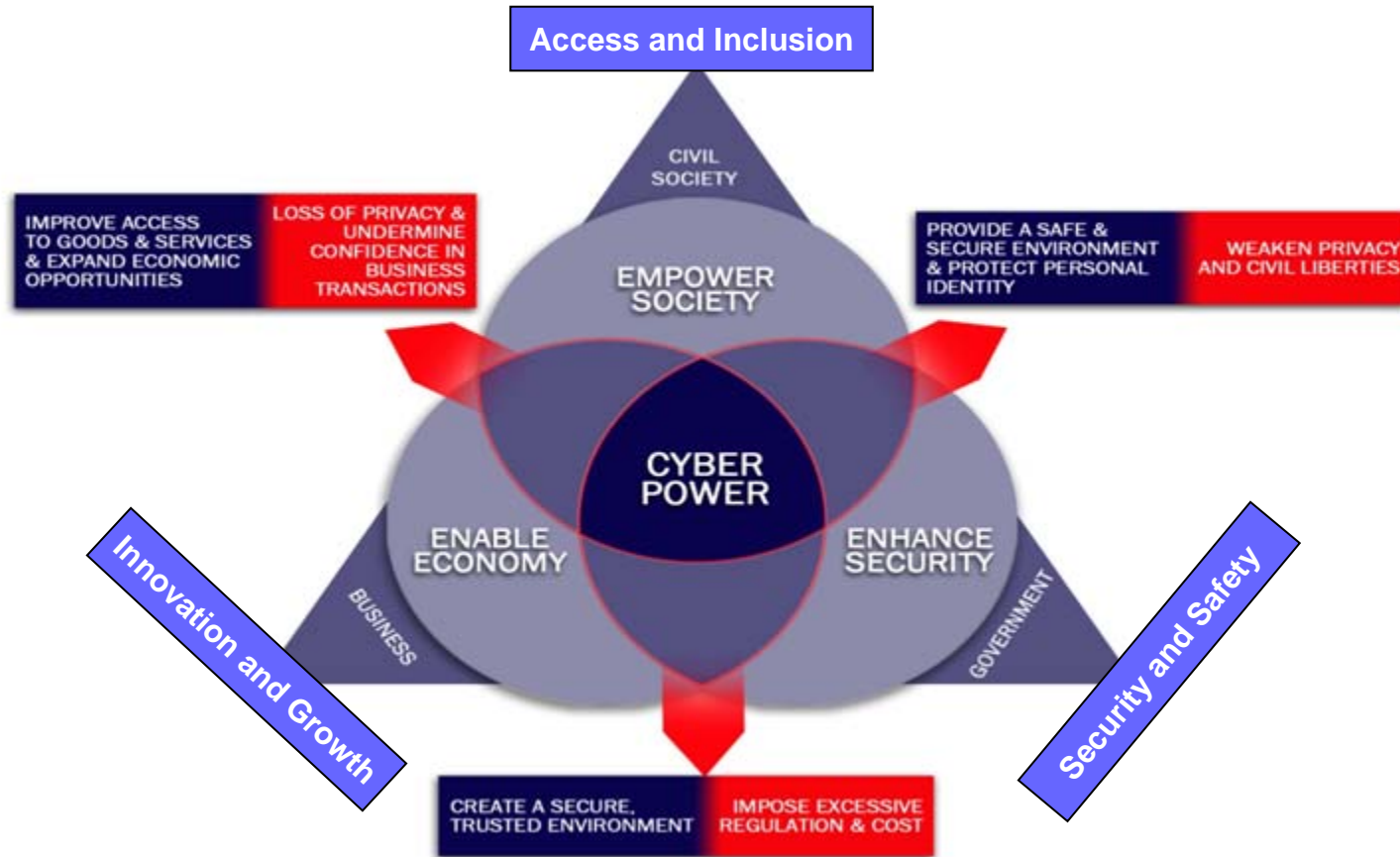
Readiness Cost/Capability Report Process

The top screenshot shows the RCRP (Readiness Cost/Capability Report) web application interface. It features a navigation bar with 'Home', 'Admin', 'Readiness Analysis', 'Resource Management', 'Rules/Metrics', 'Resource Planning', and 'Reports'. The main content area displays a 'Computed Assessment' table with columns for 'Mission Areas', 'Capability Areas', and 'Capabilities'. The table lists various tasks and their status (Completed, Pending, Error, Late, Done).

Mission Areas	Completed	P	E	L	T	D
MCO - Major Combat Operations	88	75	87			
Capability Areas	Completed	P	E	L	T	D
Port Harbor & Barge / Barge Assessment and Clearance	81	75	82			
Capabilities	Completed	P	E	L	T	D
Provide Aids to Navigation Operations	79	74	82			
Provide Anabiotic/Chemical Treatment	83	75	84			
Conduct Barge Clearance and Barge Salvage	81	75	72			
Conduct De-Breaching	84	75	72			
Conduct Hydrographic Surveys	82	75	72			
Provide Dining Services	82	75	72			
Provide Health Services Support	84	75	72			
Recover Deposits of High Value (DHV)	85	75	76			
Perform Underwater Inspection, Search, Location and Detection	88	75	76			
Salvage and Recovery (SAR)	84	75	72			
Rescue	84	75	72			
Command, Control, and Communications	79	88	82			
Force Protection	84	75	72			
Cerber	79	84	82			
M.H.S.D - Maritime Homeland Security / Defense	81	88	82			
MSO - Maritime Security Operations	84	75	72			



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

