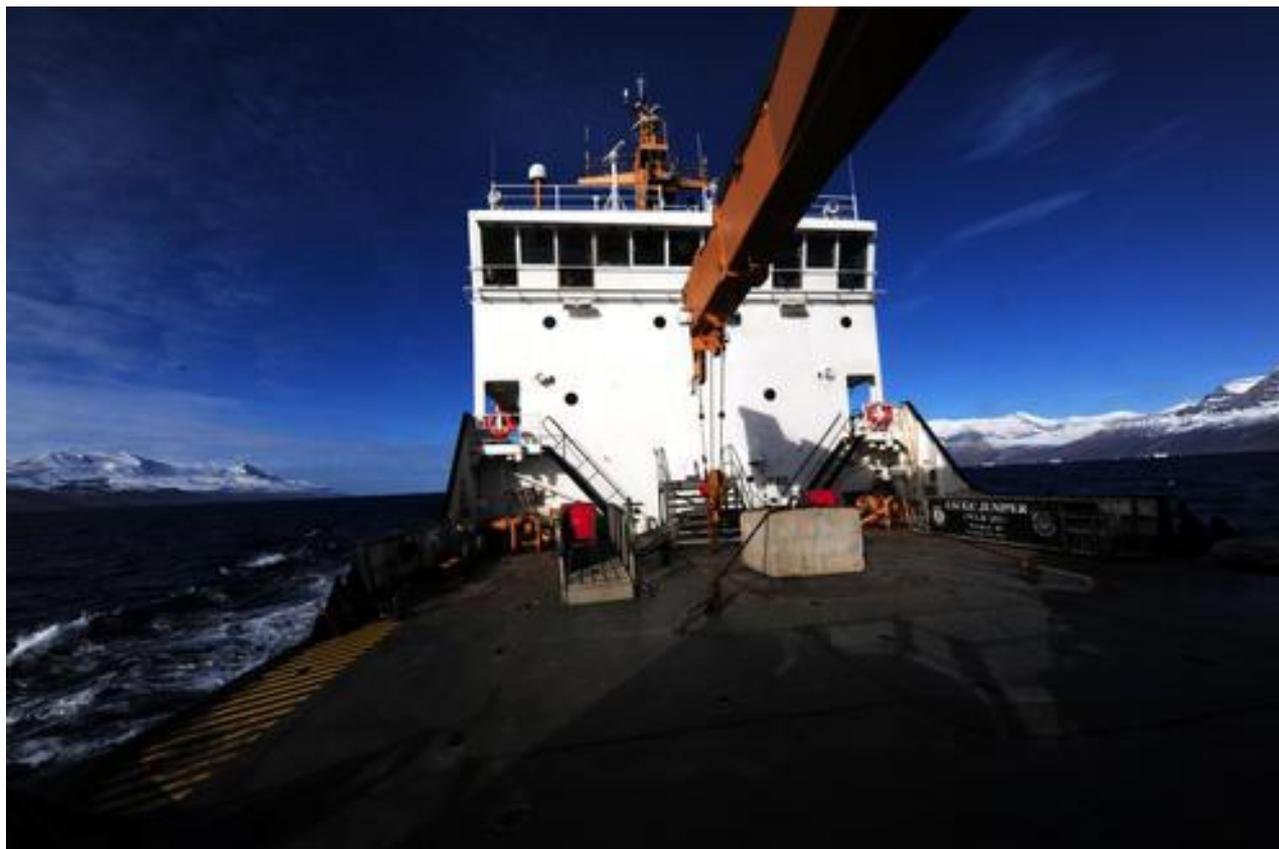




Update and Look Ahead



RADM Bob Day

**Assistant Commandant for C4IT &
Director of Coast Guard Cyber Command**



“3 Years, 2 Months, 28 Days” What Have We Accomplished?



- **Centralization, Standardization, and Alignment.**
- **Governance.**
- **Cyber Defense Improvements.**
- **Mobility.**



Collapsing the Stove Pipes!



- **Centralized Help Desk. CG-FIXIT.**
9 regional desks centralized in St. Louis. ITIL processes.
New trouble ticket tools. \$3.2M recurring savings (& more).
- **Data Center Standardization & Consolidation.**
CG data floors moving under CIO control & processes.
Meet OMB/DHS consolidation goals over next 4 years.
- **Leverage Cloud and “XaaS” Platforms.**
Starting with private (DoD/DHS) services. Thin Clients.
DISA e-mail. SharePoint/Project Mgr as a Service.
- **Discipline in IT services being provided.**
No more IT “by whim”, standardization enterprise wide.
Finish what we have already started vice new starts.

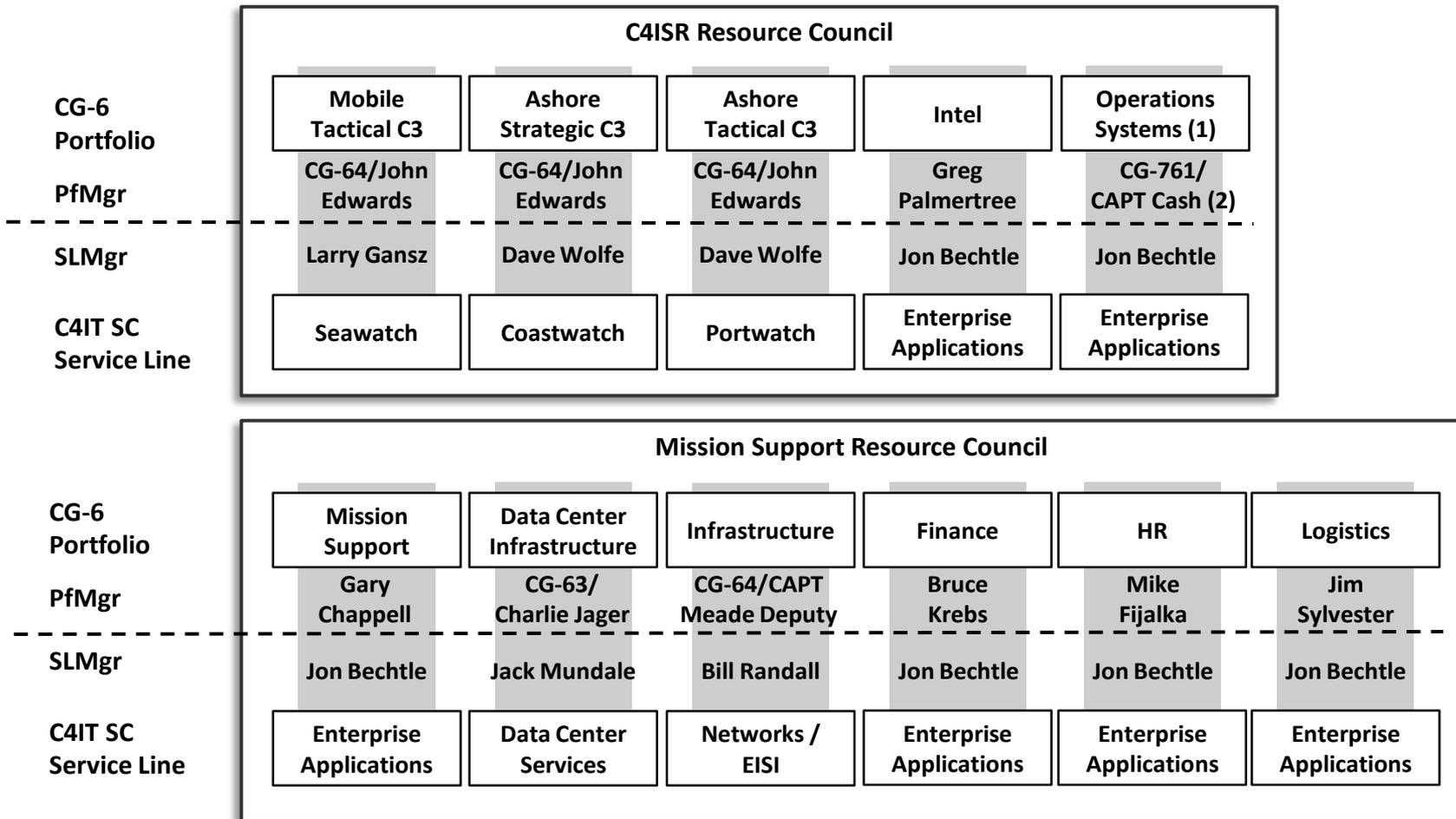


Governance



- **CG Modernization is taking hold.**
Service Center and product lines are maturing.
Processes being refined. Relationships with other logistics centers improved. Need LIMS sooner to fully achieve vision.
- **Portfolio Perspective.**
Increased visibility and accountability. Collapse like systems.
Optimize resource allocation to survive current/future budgets.
- **New Governance Boards and Processes.**
Leverage existing acquisition processes. Broad stakeholder participation but technical authorities have final word.

C4IT Portfolios – C3ISR and Mission Support Service Lines



Coast Guard GIS-Based Systems Roadman

DRAFT CG Integrated Roadmap for GIS-based Systems (Under Construction)

(Reflects input provided to RDC via Asset Managers, Project Officers, COE; last updated 1/26/2012 by KB; Format Adopted from Navy OPNAV 3090)

- Checklist**
- Add Portfolio info
 - Color code funding box
 - Add life cycle phase info & annotate
 - Show migrations & end of service life
 - Add "Issues" color bar underneath (see IOC sample)
 - Add notes as needed (at the very bottom)
- Life Cycle Phase Key**
- Development or Major Upgrade
 - Fielding Phase
 - Sustainment Phase
 - ?? Requires clarification by AM/PO
- Funding Key**
- Greater than 90% Funded
 - 50-90% Funded
 - Less than 50% Funded
 - Funding Unspecified
- Issues Key (per AM/PO; use notes to summarize)**
- Moderate Issues
 - Major Issues
 - Indicates migration complete

System	Portfolio	Platform			FY12	FY13	FY14	FY15	FY16	FY17	FY18
		Shore	Air	Surf.							
IOC - S1 (WK)	C2NT	Green			SP3b	SP4 Final Build	IOC	FOC			
IOC - S2	C2NT	Red			All S2 work suspended						
SAROPS	C2NT	Green									
AMVER	C2NT	Yellow									
MISLE (eGIS)	IS	Red									
WebCOP	C2NT	??			No longer in service (??)						
UCOP	C2NT	Yellow									
CWSS	C2NT	Green									
C2PC	C2NT	Green									
MAGNet	Intel	Green			CMA Up/NASA GIS	Migrate back to -L					
NAIS HCS	C2NT	Green			DT&E IOC/ADE3	3 year prioritized deployment plan					
Hawkeye	C2NT	Red			Loss of ATO						
CG VTS	C2NT	Green									
PAWSS	C2NT	Green									
NCS	IS										
Rescue 21	Comms	Green			Deployment Upgrade		FOC Sustainment				
Rescue 21 AK&WR	Comms	Yellow			Development		Deployment Upgrade		FOC Sustainment		
CG1V (EGIS)	IS	Blue			SAROPS, EGIS, WebCOP, CWSS		NCS		WK, TMACS, PAWSS		
INTERNAL DEP Networks											
ESB (PSOA)											

Impacts GIS only.

IT Governance Process

DHS CIO
 CG CIO
 CG-6 Office Chiefs
 Mission Support Sponsors
 Operational Sponsors
 Resource Councils

Strategic Plan

Strategic Plan

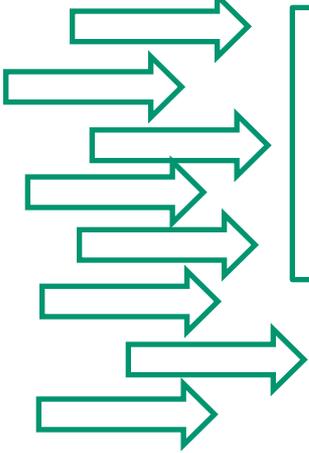
Appendix A

*Road Maps

Architectural Approval and Guidance

Enterprise Architecture Board

Product Lines Portfolios



Service Line Managers

Proposals
 Status
 Cost Data

C3ISR Resource Council

Priorities

MSIT Resource Council

Priorities

CIO
 Executive Oversight Council

Guidance

CG-7/CG-2

Guidance

CG-8

Resource Proposals

Spend Plans

Budgets

C4IT SC Asset Logistics Division

Spend Plans

Budgets

Budget Boards

*Road Maps Developed and Maintained by Resource Councils



Cyber Progress



- **Completed shift to DOD Trusted Internet Connections.**
- **Installed Host Based Security System (HBSS) on NIPR & SIPR.**
 - **20 CG personnel assigned to U.S. Cyber.**
- **CG Cyber in final stages of standup. 20+ personnel, new organizational alignments (especially IA), codifying relationships with DOD/DHS. CG-CIRT at TS/SCI.**
 - **Leveraging DOD/US Cyber systems and processes (.mil) to achieve real-time monitoring & active defense.**
- **Constant barrage of new standards and requirements make this mission set very challenging.**



Cyber Program Mission Areas



Living Marine Resources



Other Law Enforcement, Marine Safety



Counter Drug



Migrant Interdiction

Ports, Waterways, and Coastal Security



CG One

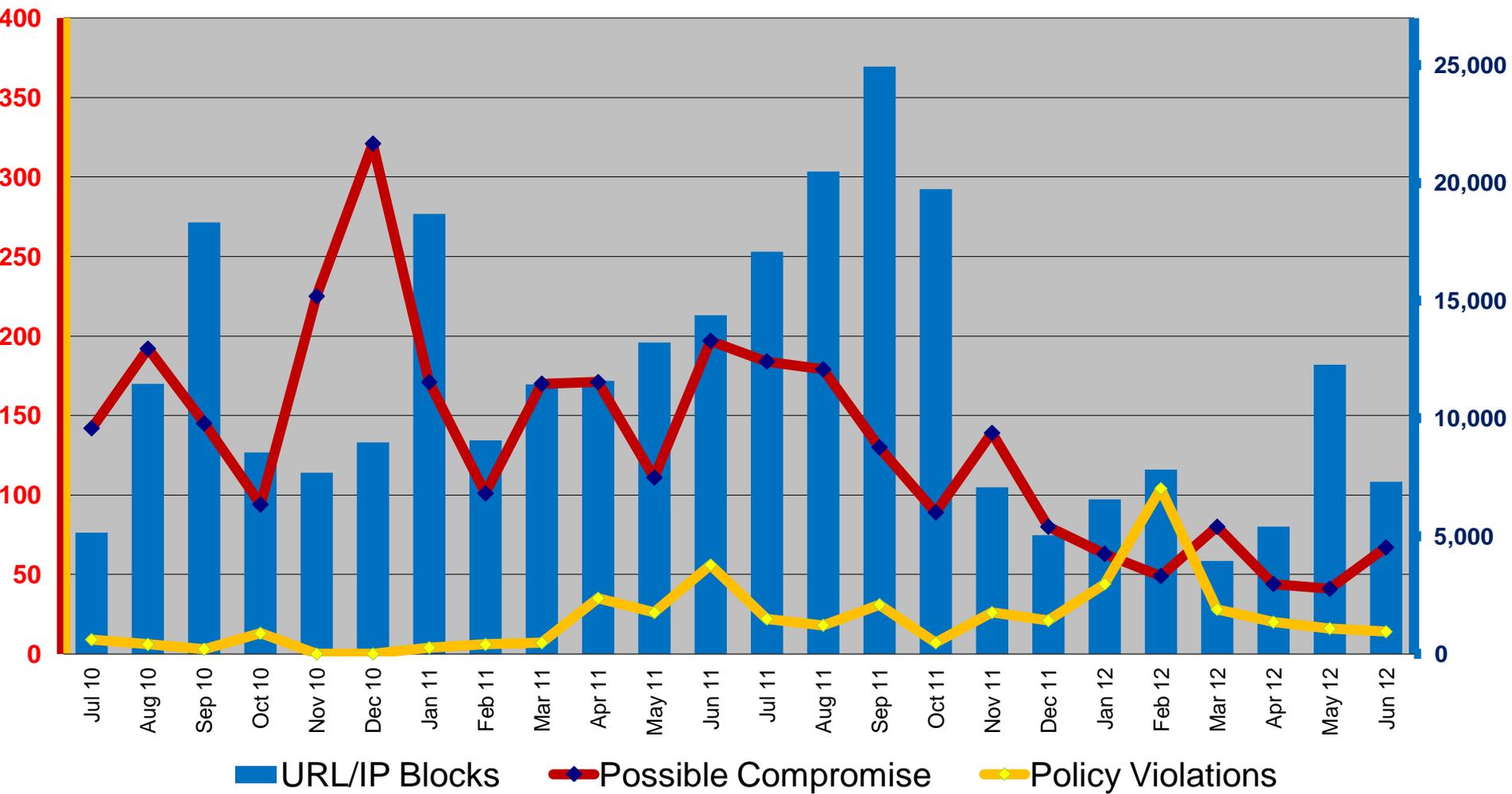


Provide a Secure Platform

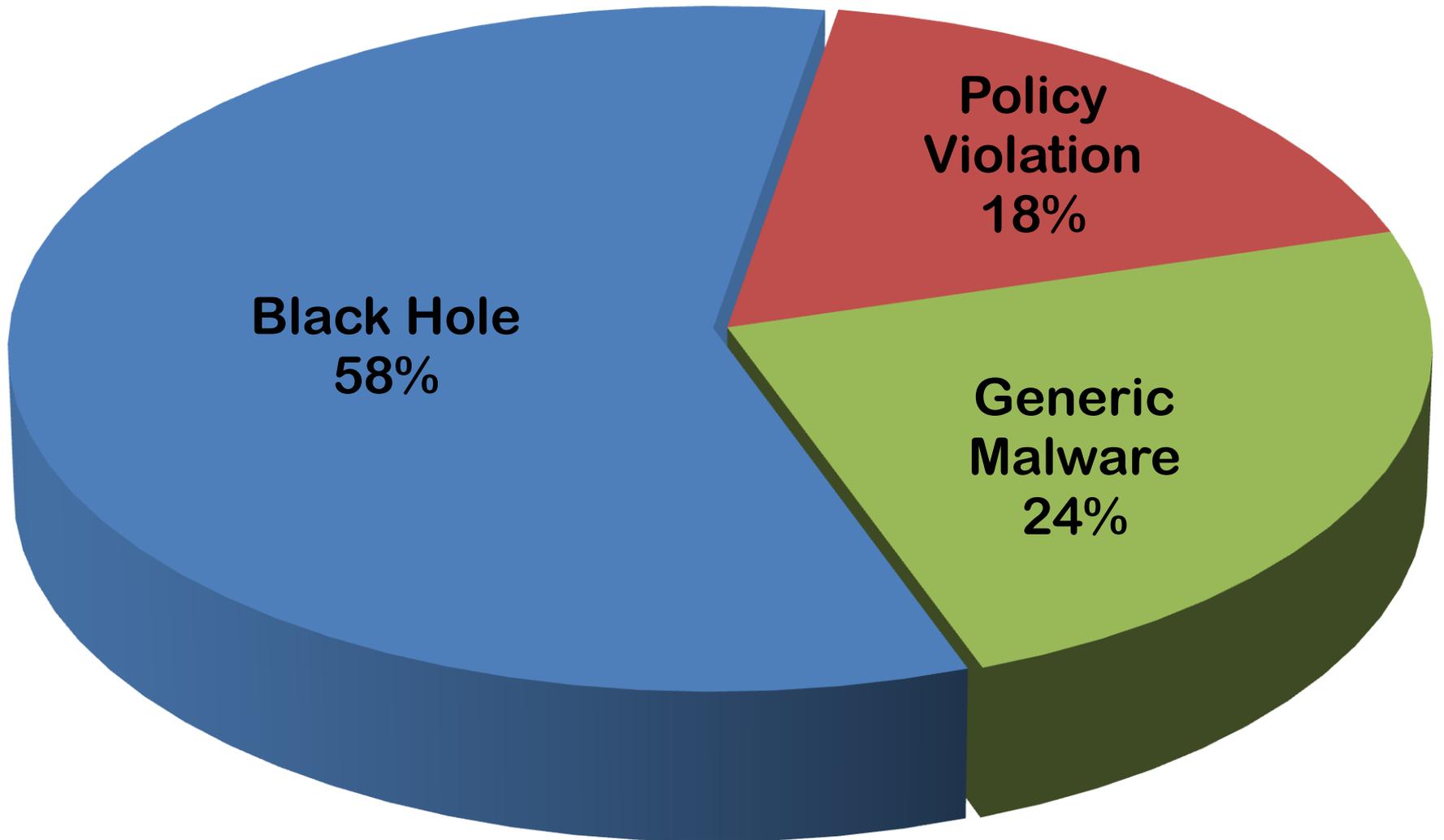
Secure Ports and Waterways

Provide Decision Advantage

CGCIRT – Cyber Events

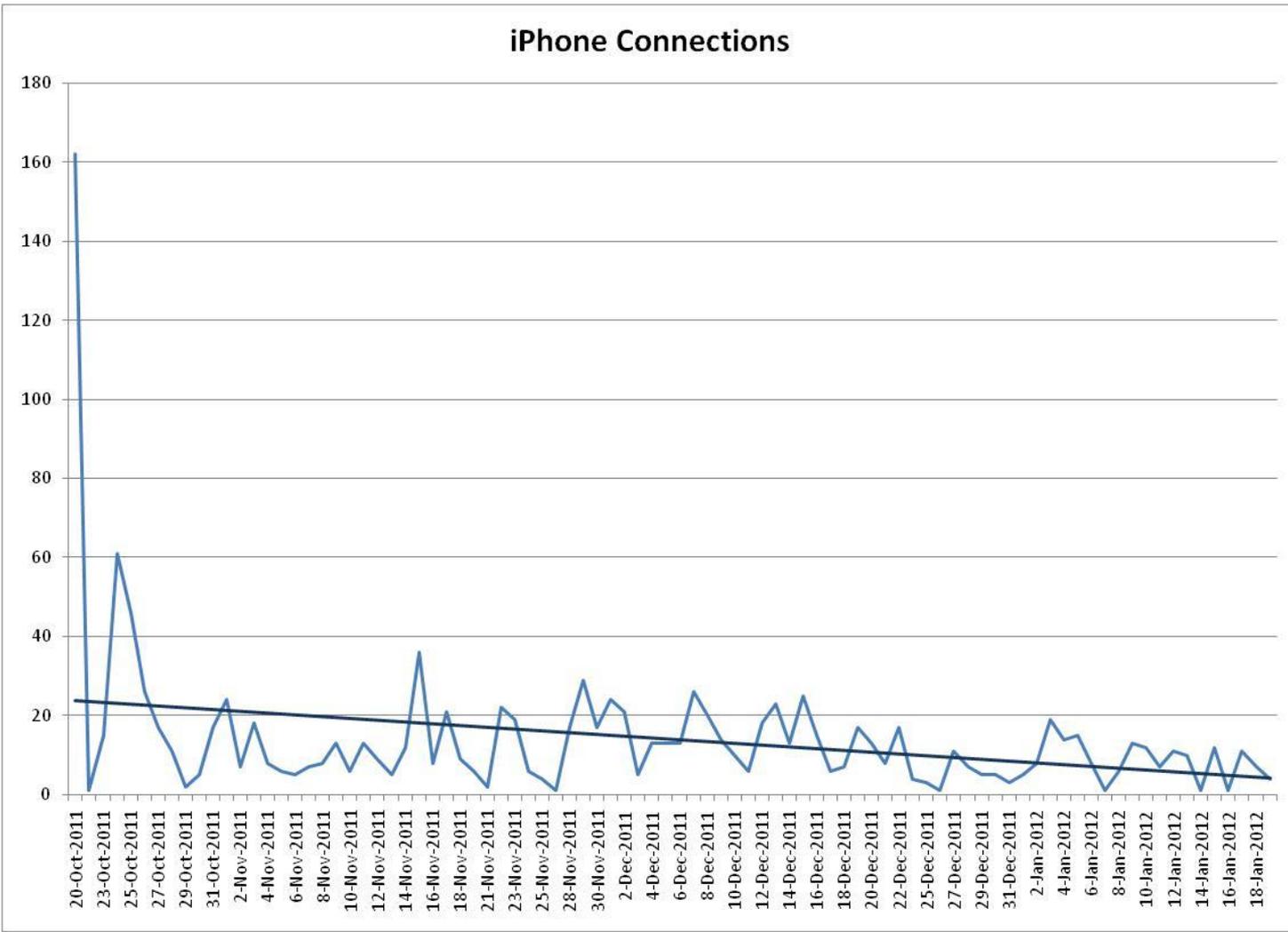


CGCIRT – EVENTS BY CATEGORY





Trends





Mobile Computing



- **Continued high demand from programs and end users to leverage mobile computing & 3G/4G connectivity for almost every mission area. “It’s mission essential” . CBP TACCOM program is DHS focal point for developing this capability.**
- **Moved to Android and iOS platforms with Good for mobile messaging, via DMZ services. Looking to develop Apps, only if inside Good environment. Device is not a network endpoint. Established a chargeback framework to source needed dev/test/production environments for reliable services.**



\$383: Coast Guard CIO creates innovative mobility model

By David Stegon · Thursday, August 16th, 2012 · 1:42 pm

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SECURITY
Built-in tech

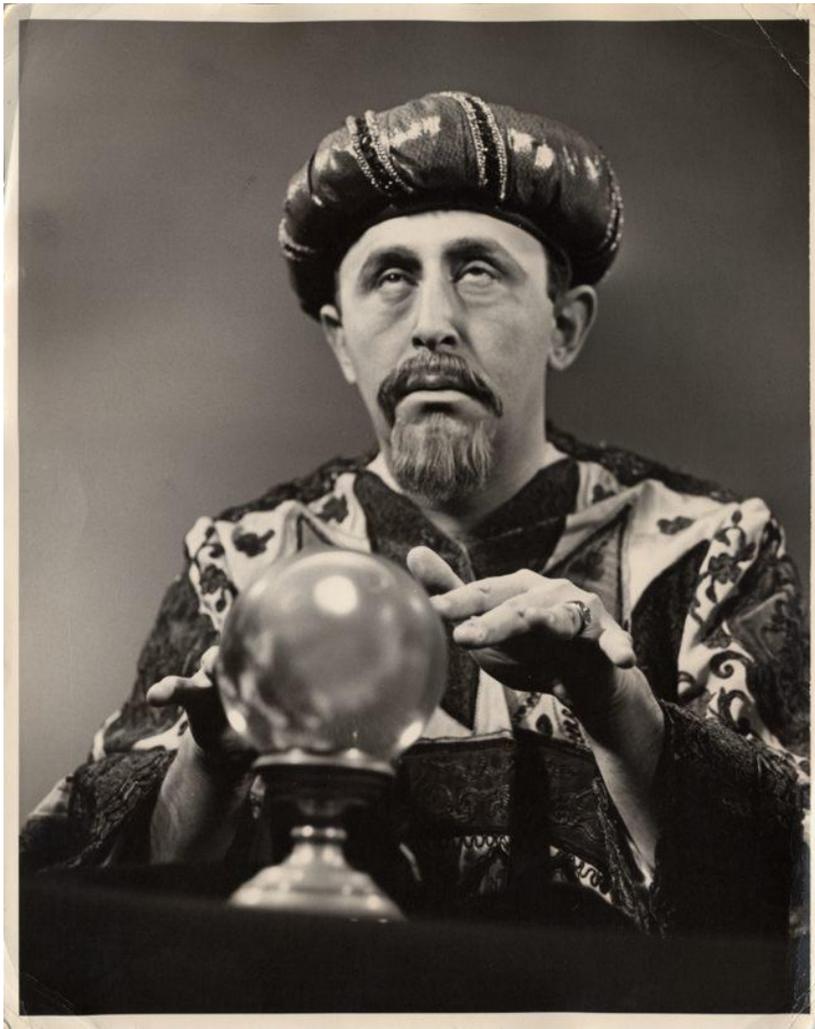
McAfee
An Intel Company

Learn more

\$



\$'s for FY13-XX



**New Out Year Financial
Planning Tools**



\$'s for FY13-XX



- **C4IT Budget:**
FY10 \$436M FY11 \$476M FY12 \$483M
FY 13 (projected) \$486M
- **The numbers are deceiving. For example, FY13 includes \$16M for St. Elizabeth's move, support \$'s for new assets coming online (FRC, NSC, R21 maintenance). Reality is that we have lost over \$53M in budget during FY11-12 (efficiency mandates) have required significant cuts to some services and elimination of many new initiatives.**
- **20% HQ personnel reductions have really hurt capacity.**



Contracting Vehicles Used/Awards (FY11-12)



- GSA Federal Supply Schedules (FAR PART 8)
 - GSA GWAC Contracts (FAR PART 8)
 - Simplified Acquisition Procedures (FAR PART 13)
 - Acquisition of Commercial Items (FAR PART 12)
 - Contract By Negotiation (FAR PART 15)
 - DHS EAGLE
 - DHS PACTS
 - DHS FIRST SOURCE
 - DHS Program Management, Business, & Contract Support
- 8(a): \$445M
 - ANC: \$40M
 - HUBZONE: \$5.3M
 - Large: \$389M
 - Small Business: \$122M
 - SDVOB: \$46M









Questions?

