

At the Confluence of Cyber

Steve Dunn
SSC Atlantic
Executive Director

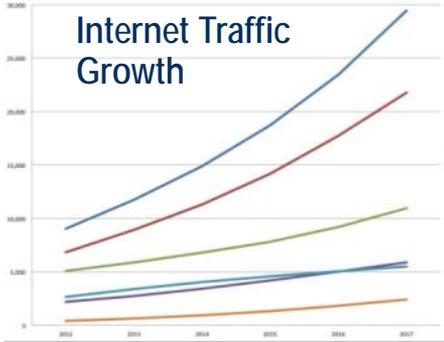
SPAWAR



**Systems Center
ATLANTIC**

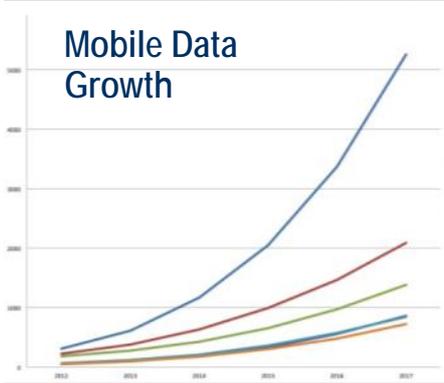
- Asia Pacific
- North America
- Western Europe
- Middle East and Africa
- Central and Eastern Europe
- Latin America

Internet Traffic Growth

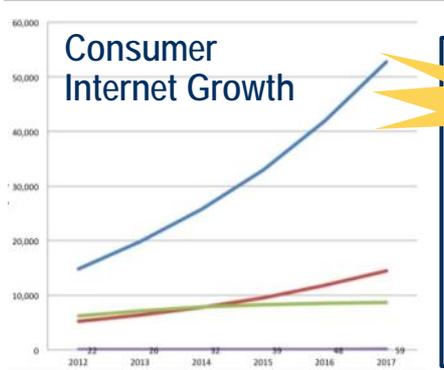


Mobile Data Growth

Petabytes / Month



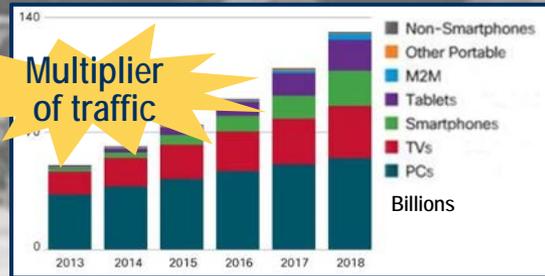
Consumer Internet Growth



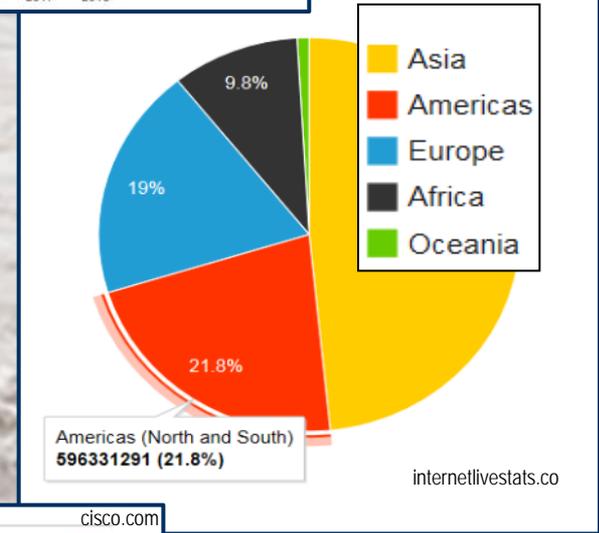
motherboard.vice.com

The Flood of Cyber

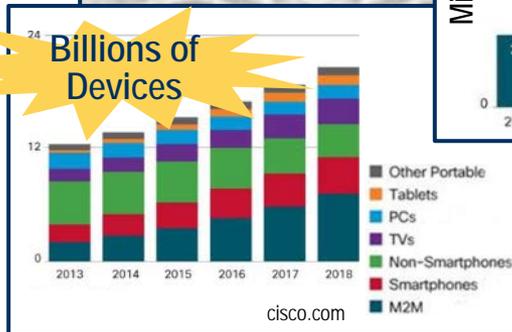
Multiplier of traffic



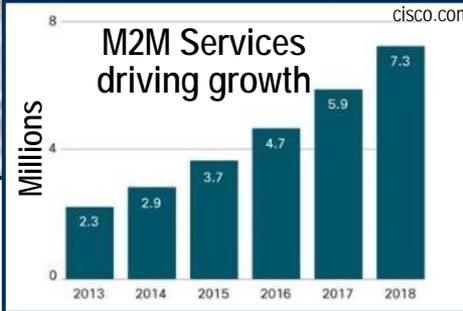
Internet Users by Region



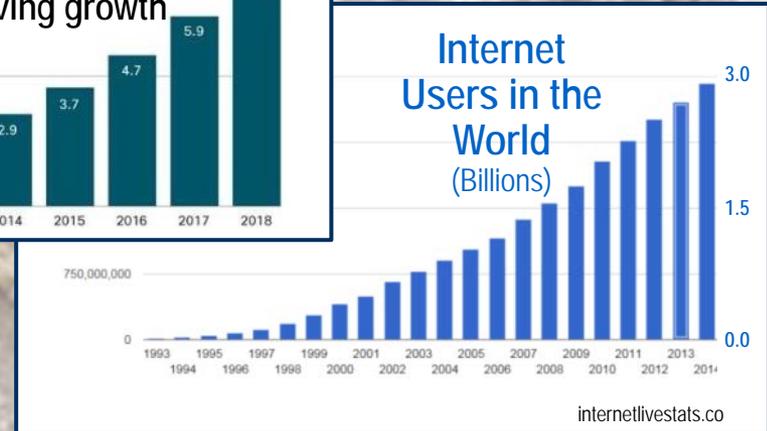
Billions of Devices



M2M Services driving growth



Internet Users in the World (Billions)



<http://www.internetlivestats.com/internet-users>

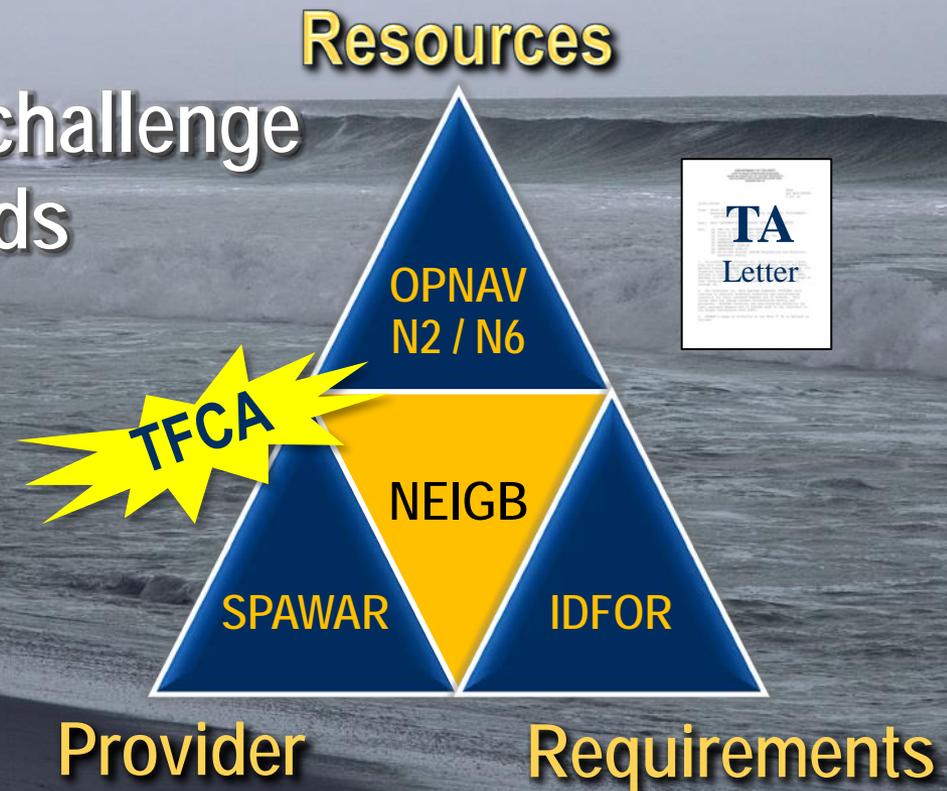
<http://motherboard.vice.com/blog/the-next-five-years-of-explosive-internet-growth-in-seven-graphs>

http://www.cisco.com/c/en/us/solutions/collateral/service-provider/visual-networking-index-vni/VNI_Hyperconnectivity_WP.html

Commander's Intent

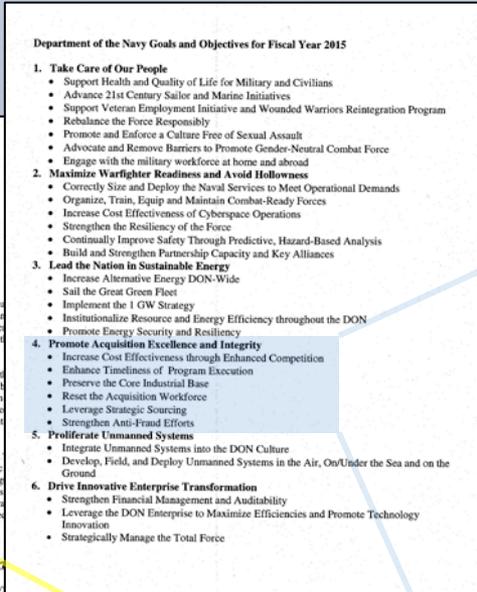
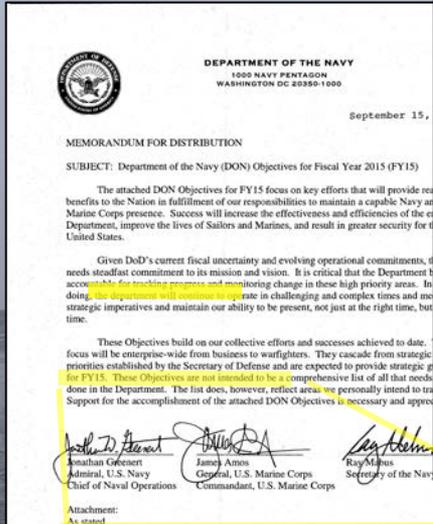
Three key elements

- A promise is a commitment; we deliver on our commitments
- Cyber is a warfighting challenge and requires an all hands on deck approach
- There is opportunity in adversity.
Take it.



DON Objectives for FY15

September 15, 2014
CNO,CMC, SECNAV memo



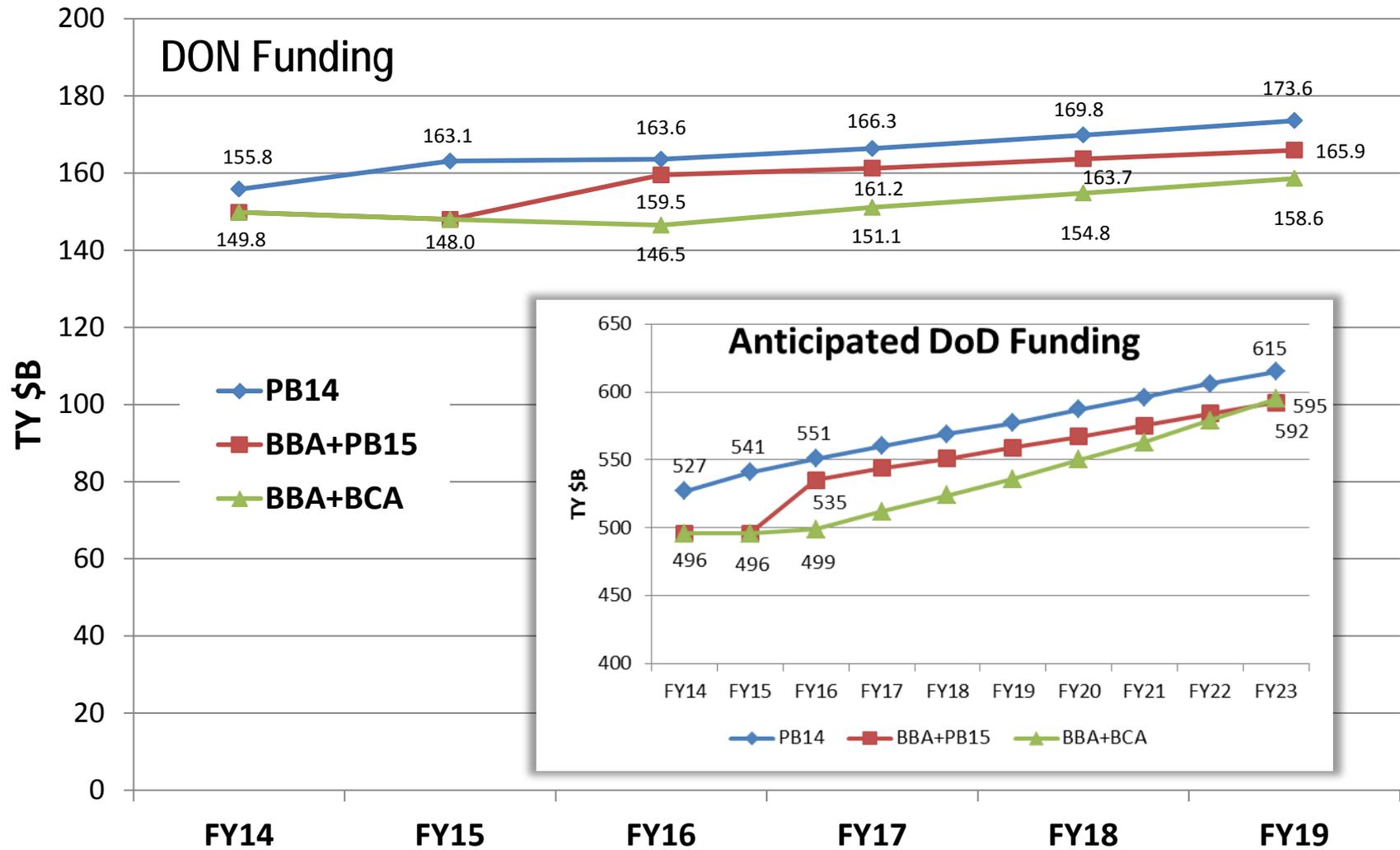
1. Take Care of Our People
2. Maximize Warfighter Readiness and Avoid Hollowness
3. Lead the Nation in Sustainable Energy
4. Promote Acquisition Excellence and Integrity
 - Increase Cost Effectiveness through Enhanced Competition
 - Enhance Timeliness of Program Execution
 - Preserve the Core Industrial Base
 - Reset the Acquisition Workforce
 - Leverage Strategic Sourcing
 - Strengthen Anti-Fraud Efforts
5. Proliferate Unmanned systems
6. Drive Innovative Enterprise Transformation

Given DoD's current fiscal uncertainty...

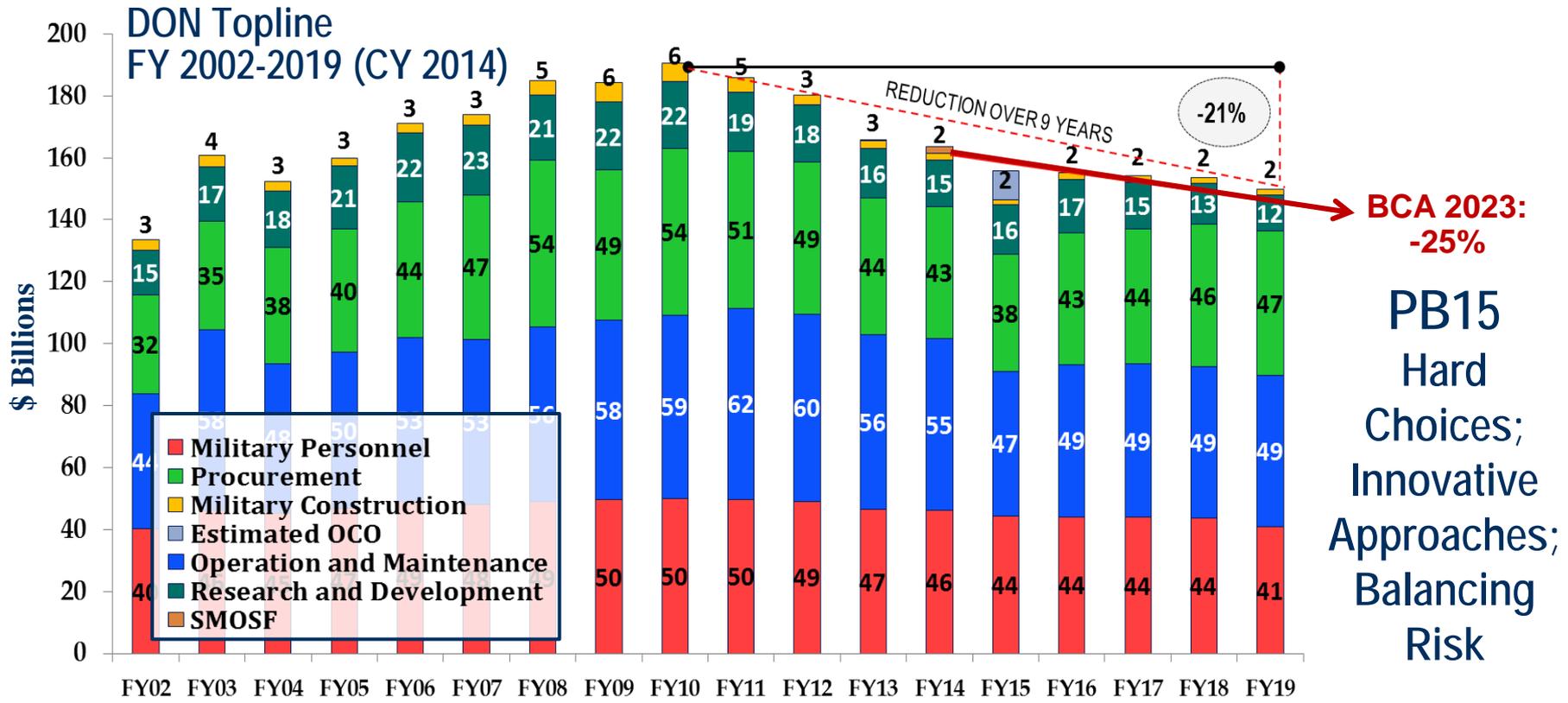
The focus will be enterprise-wide from business to warfighters.

<http://www.navy.mil/strategic/DON%20FY15%20Objectives.pdf>

Defense Budget



DON Fiscal Pressures



FY15 O&M: \$1.0B
Investment : \$12.0B

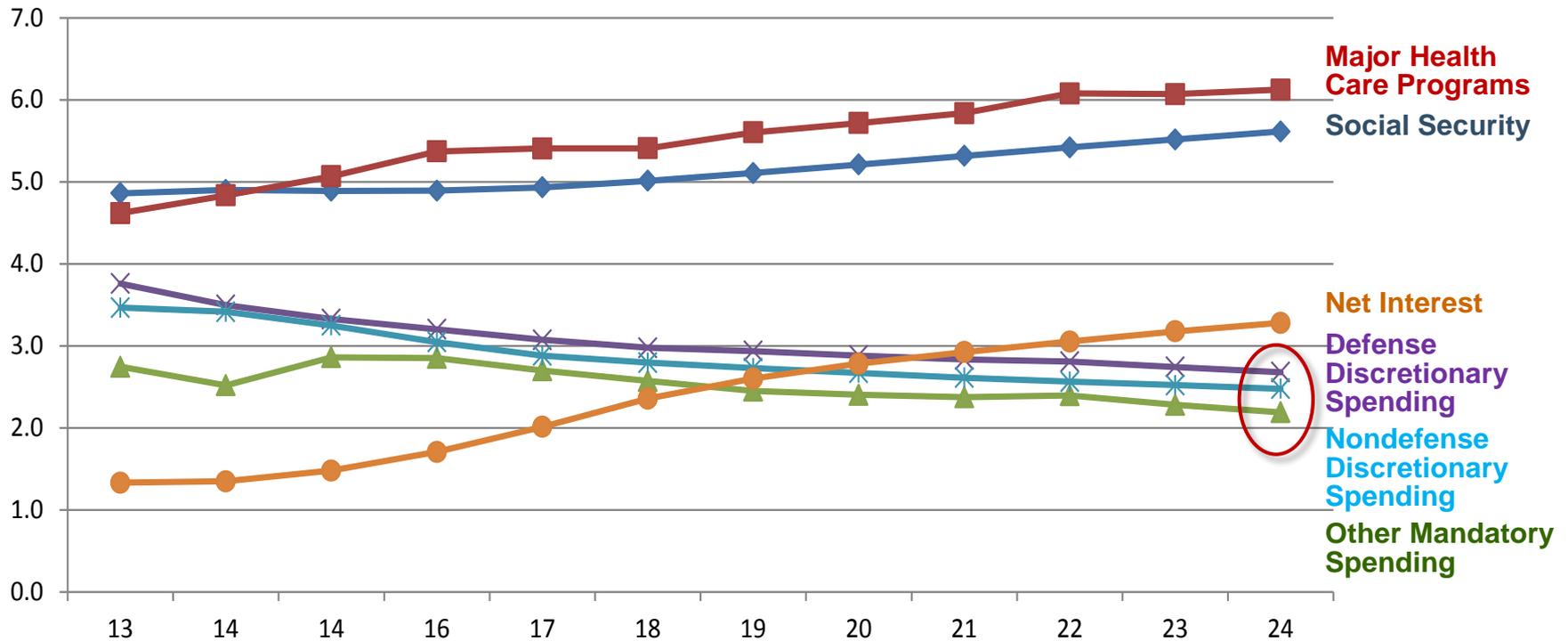
SCN
• No quarterly change

- APN -39 a/c**
- 12 P-8
 - 4 F-35C
 - 3 E-2D
 - 2 MH-60R
 - 1 AH-1Z
 - 1 KC-130J
 - 7 VTUAV
 - 4 RQ-4
 - 5 STUAS

- WPN**
- 992 weapons

U.S. Fiscal Pressures

Projected Spending in Major Budget Categories (% of GDP)



Deficits, interest payments, and entitlement spending are resulting in downward pressure to defense budgets

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SSC Atlantic Resource Footprint



FY15
\$4.1 Billion
Total Obligation Authority

- ✓ 33.5% TOA Supports Small Business
- ✓ 2.4 Million sq ft facilities, 120 buildings
- ✓ More than \$15 Billion economic impact in the U.S.

3,858 Government Employees
112 Military (*Navy and Marine Corps*)
~9,500 Contractors (*small to large businesses*)

5 continents, 7 time zones

Strategically Located to Support DoD & DON ID and Cyber Solutions

Key Locations

Charleston, SC

2,557 Gov't, 13 Mil

- Tactical network systems & end-to-end testing
- Vehicle, Surface Ship, & Submarine C4I test and integration
- Navy Enterprise Data Center
- Air Traffic Control eng. & technical services
- Electromagnetic & Environmental test labs
- Commercial & DoD Satellite Communications



Hampton Rds, VA

679 Gov't, 86 Mil

- Fleet operations & support
- Co-located with Fleet Forces Command and Fleet USFCYBERFORCES
- Communication systems integration & maintenance
- Navigation systems
- Navy Tactical Command Support System



New Orleans, LA

202 Gov't, 11 Mil

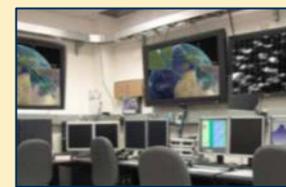
- Center of DON Manpower & personnel software design & support
- DON Global Distance Support
- DON's most efficient & largest Enterprise Data Center
- Veterans Benefits Mgmt IT Systems, web portal & software development
- Logistics & support IT systems



National Capital Region

217 Gov't, 1 Mil

- Co-located with Fort Meade, NSA, DISA, Chantilly & Navy Yard
- FLTCYBERCOM / C10F
- Cryptologic & Intel
- Anti-Terrorism/ Force Protection
- NAVSEA & NAVAIR Platform C4I/Cyber/ID
- MARFORCYBER
- USCYBERCOM



Tampa, FL

60 Gov't

- Expeditionary and USSOCOM C4I systems
- USCENTCOM

Overseas

26 Gov't

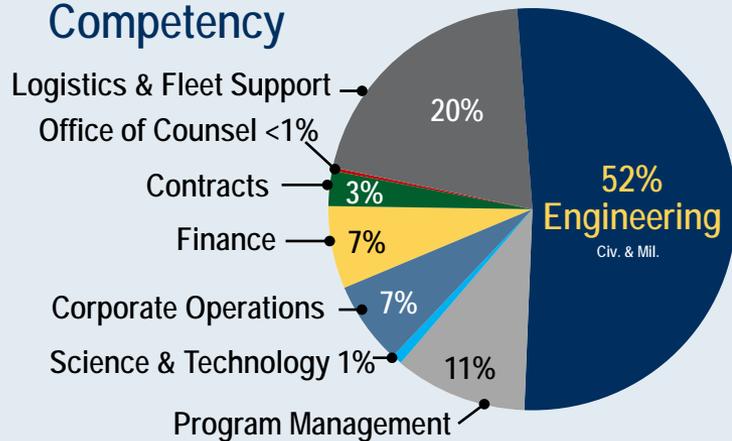
- CNE/C6F
- Ballistic Missile Defense/Aegis ashore
- USEUCOM
- USAFRICOM
- MILCON C4I support



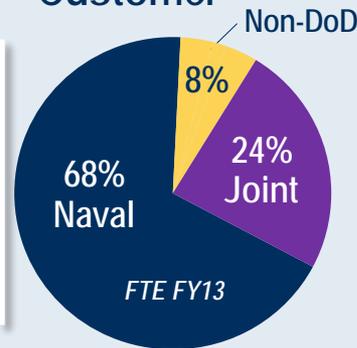
Driving integration and interoperability into the Navy's Cyber/IT portfolio

Workforce/Operational Profile

% Workforce by: Competency



Customer



Cybersecurity Workforce

747 (92%) Compliant

(Includes fully certified and those in 6 mo grace period)

Top Series (63%)

- IT Specialist
- Electronics Engineer
- Mgmt & Program Analyst
- Computer Scientist
- Electronics Technician

Education (EOM Aug)

Bachelors	1,685
Masters	920
Doctorate	37

Primarily a Navy Working Capital Funded Organization

Improves cost awareness, promotes cost management & increases flexibility

Generates adequate revenue to cover the full cost of operations, and to finance the fund's continuing operations without fiscal year limitation

- Focus on controlling and reducing cost while maintaining performance
- Operate on a break-even basis
- Complementary with industry

Optimizing our People, Processes, & Tools to Rapidly Deliver and Support Cyber Solutions

Partnering with Industry, Academia and our Cyber Community

- ▼ Engagements with industry to improve collaboration and innovation
 - Monthly Contracts Industry Council
 - Quarterly Small Business Innovative Outreach Initiative
 - Quarterly Executive Industry Committee
- ▼ 685 Total business partners
 - 429 Small businesses
- ▼ Formal partnerships/Initiatives with Academia
 - University MAC (7 Universities)
 - Cooperative Research and Development Agreement (CRADA)
 - Partnership Intermediary Agreement (PIA)
 - Educational Partnership Agreements



Partnering to Provide Integrated, Innovative and Best-value ID & Cyber Solutions

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