

Today's Presenters



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Market Intelligence Briefing: FY16 Civilian Budget

Actionable Intelligence for the IT
Product Community

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- **Convergence across government**

- Technology
- Management
- Contracts

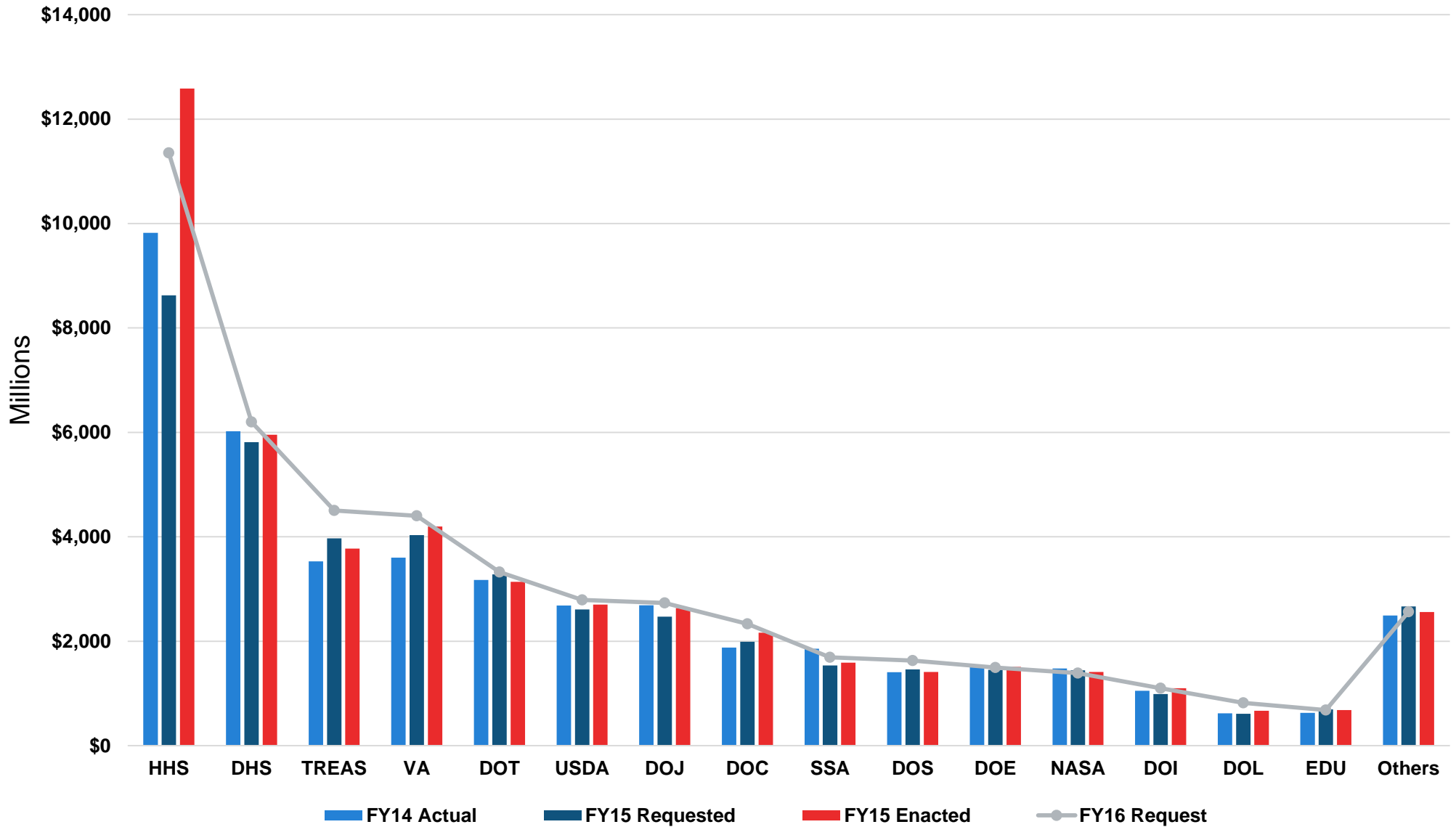
- **Convergence in go-to-market strategy**

- **Departments in this briefing:**

- HHS
- DHS
- VA
- TREAS
- DOT
- DOJ
- DOI



Civilian Agency IT Budgets



- **18F**
 - Innovating IT contracting, services
 - Cloud.gov and Agile BPA
- **US Digital Services Teams**
 - Funding in President's FY16 request
 - Standing up at DHS, VA, EPA, and DOD
- **Agile and DevOps**
 - Open standards
 - Interoperability
 - Collaboration



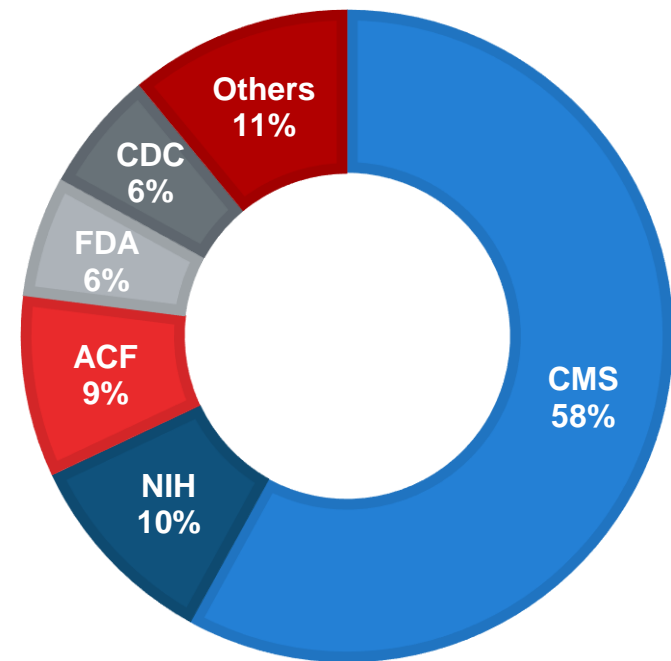
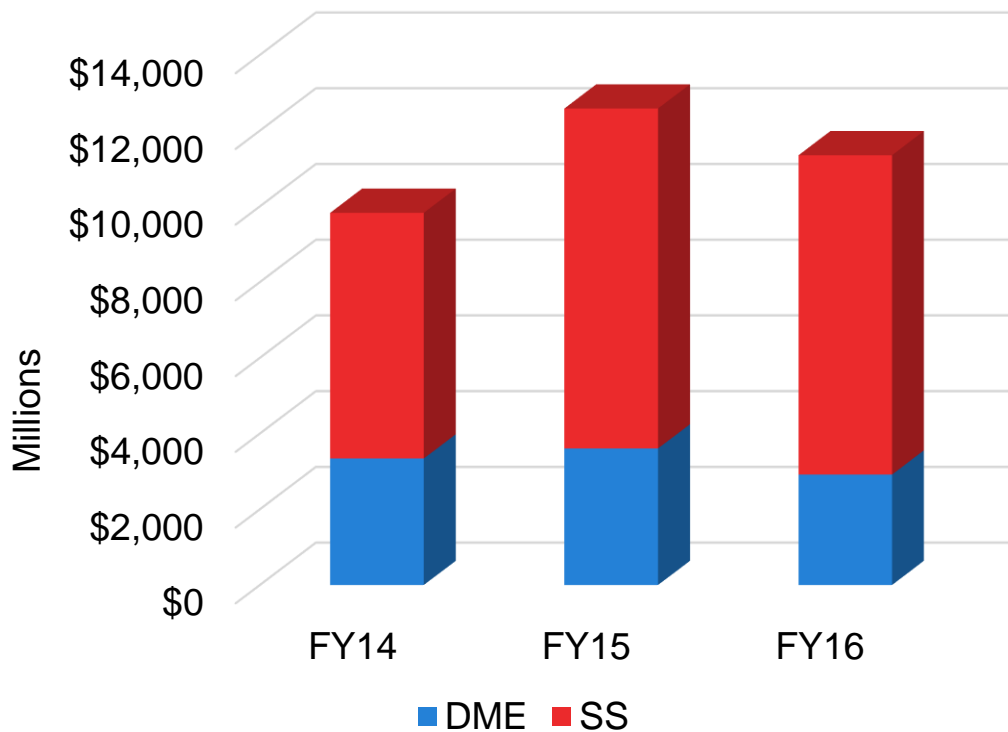
THE U.S. DIGITAL SERVICE

- **Federal IT Acquisition Reform Act (FITARA) centralizes IT management under department/component CIOs**
- **Contract vehicle consolidation – GSA schedule, agency-specific IDIQ usage both up**
- **Category management consolidates contract vehicles, acquisition best practices along category lines**





FY16 Discretionary Budget: **\$80.2B** | FY16 IT Budget: **\$11.3B**

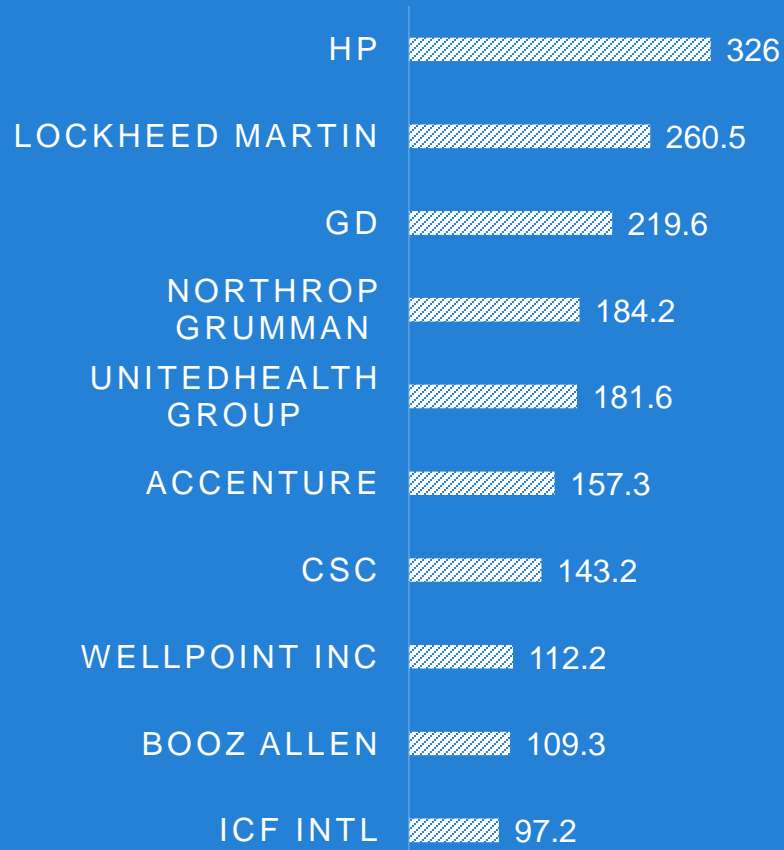




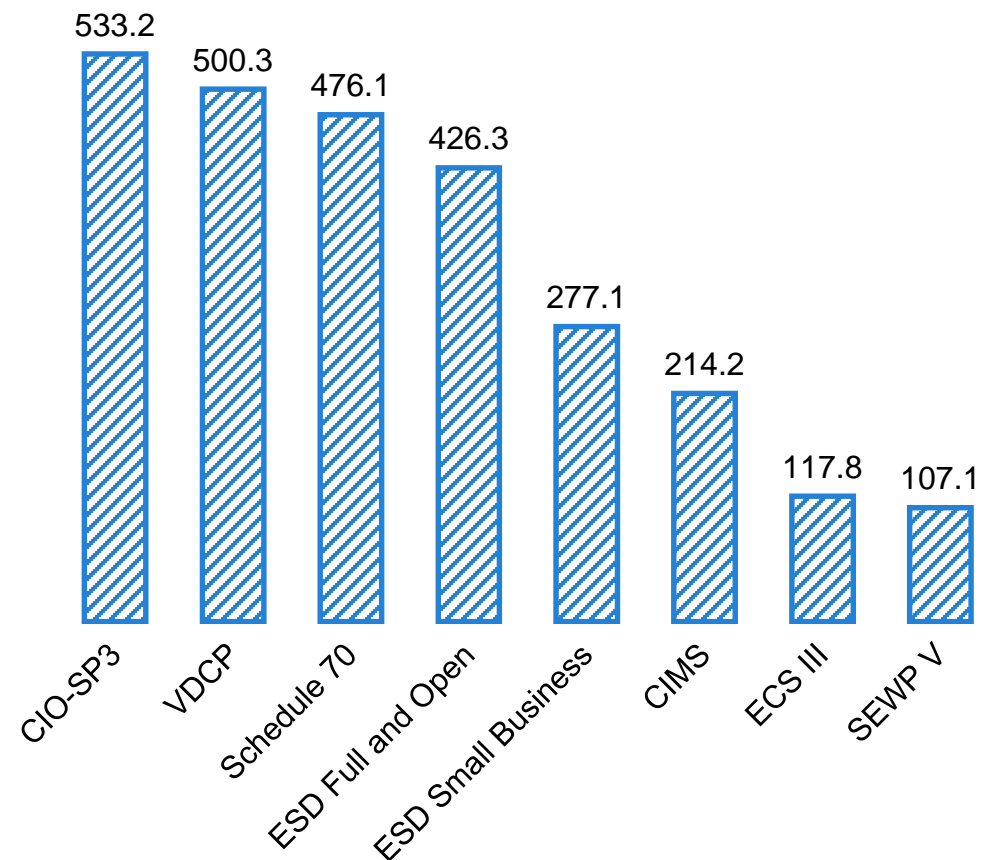
HHS Top IT Contractors and Contract Vehicles



FY15 TOP CONTRACTORS (\$M)



FY15 TOP CONTRACTS/VEHICLES (\$M)





Acquisition

- Full rollout of NITAAC vehicles sees expansion of HHS GWAC use
- CMS VDCP, ESD IDIQs remain strong
- GSA Schedule 70 use expanding; other MACs, GWACs down



Management

- New CIO, IT leadership structure at FDA
- CMS expanding virtual data centers, centralizing authority under OTS
- NIH CIT benefits from FITARA

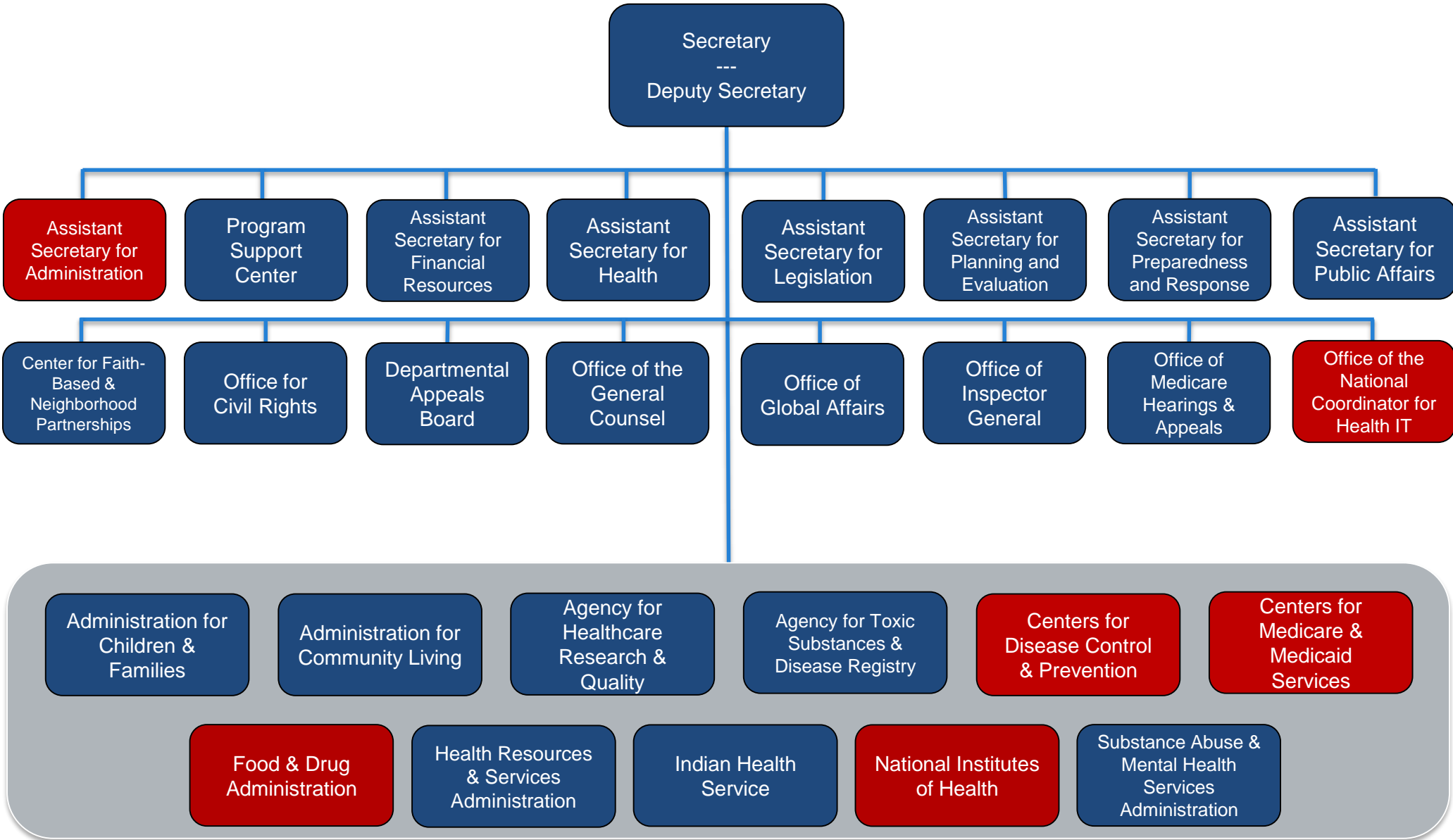


Technology

- Collaboration with CBP, state and local agencies for port-of-entry inspections, FSMA requirements
- Data validation and exchange with IRS in support of ACA
- Big Data 2 Knowledge, Cancer Genome Atlas

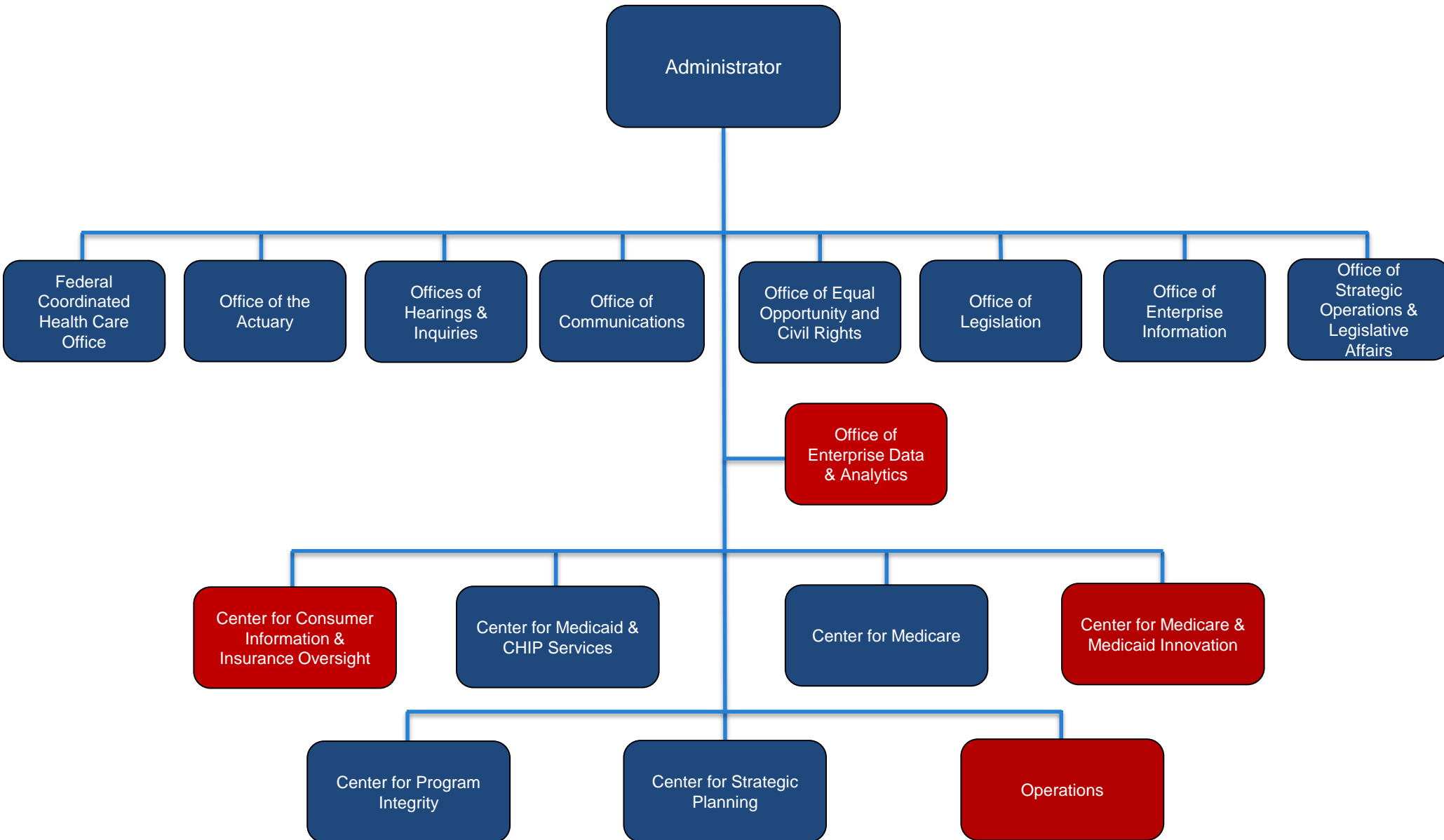


Health and Human Services Organization



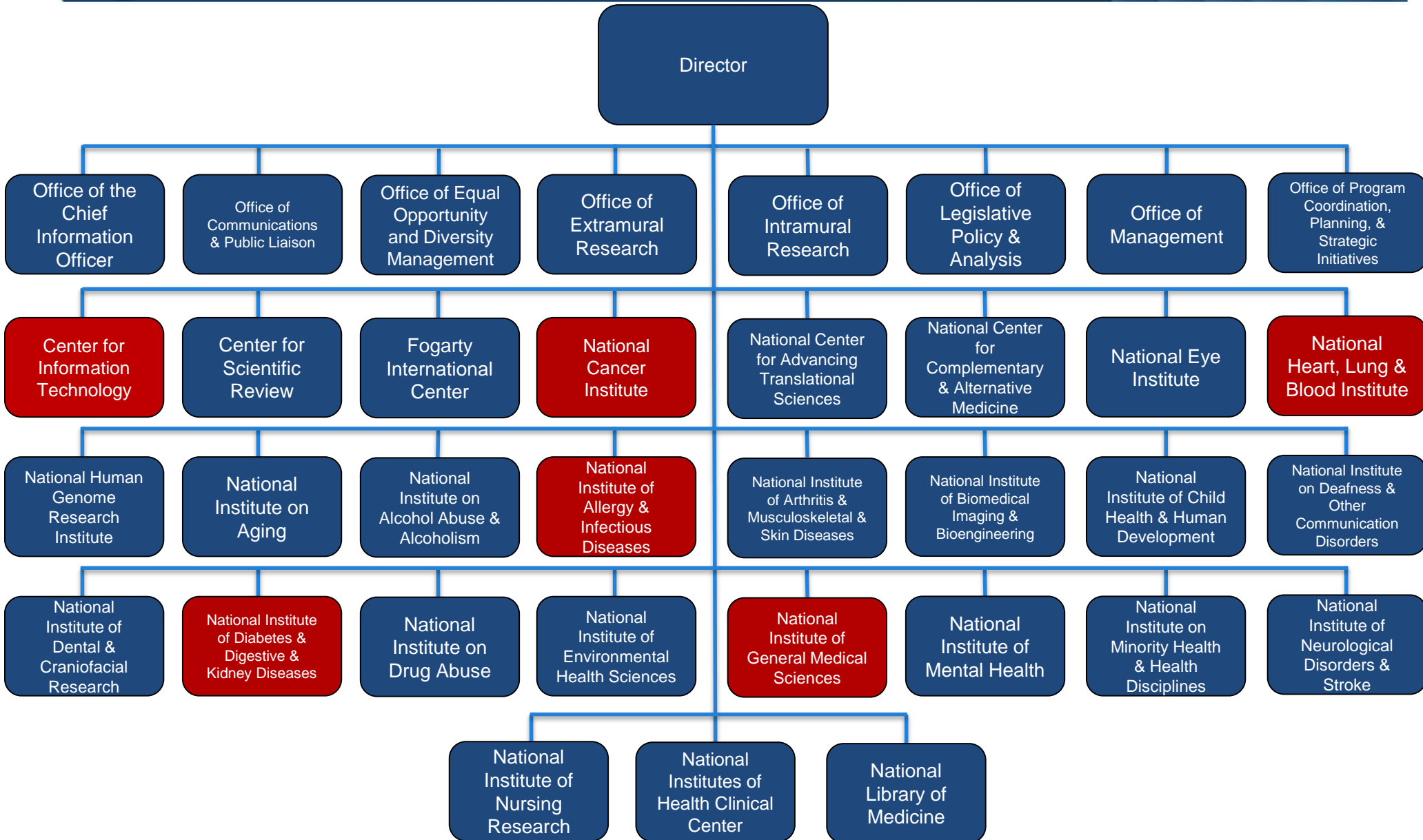


Centers for Medicare and Medicaid Services Organization



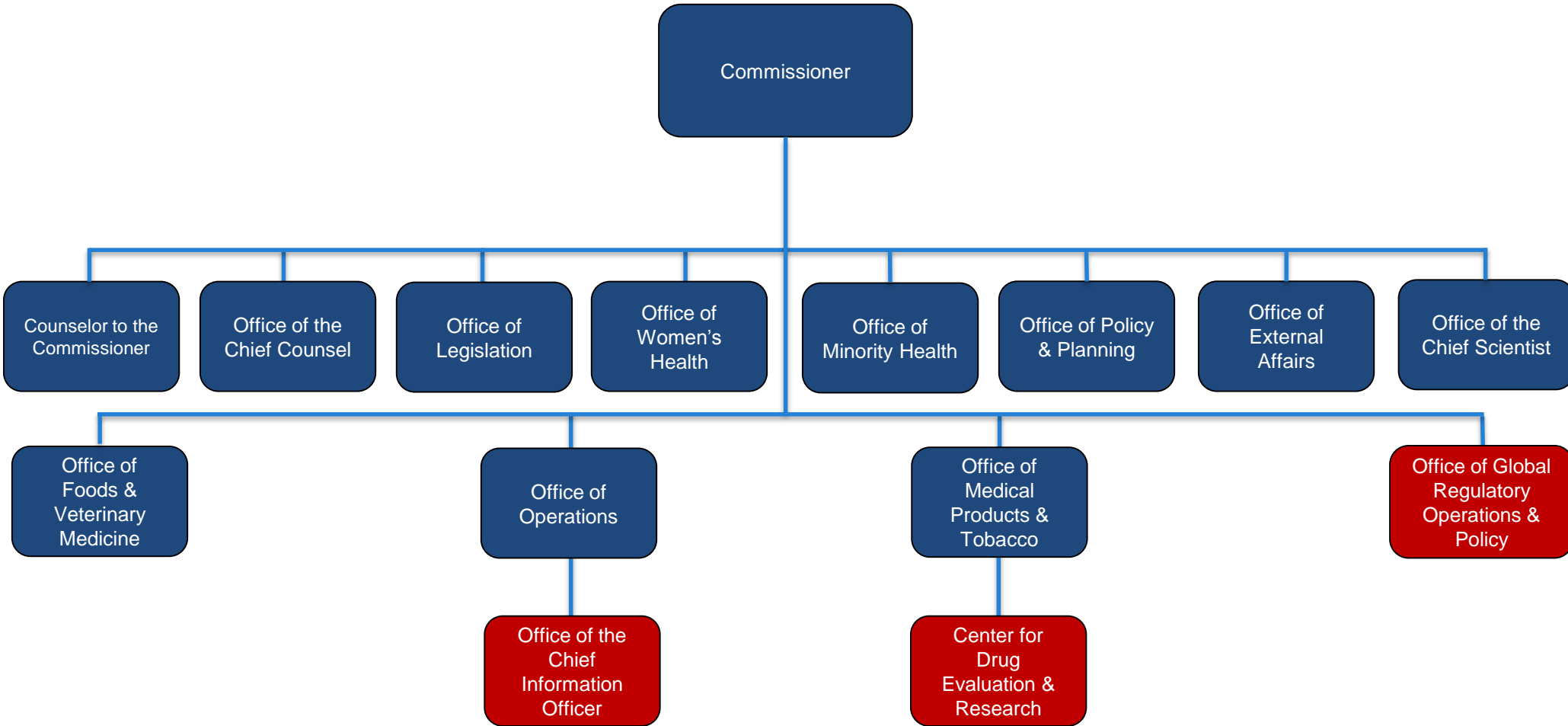


National Institutes of Health Organization



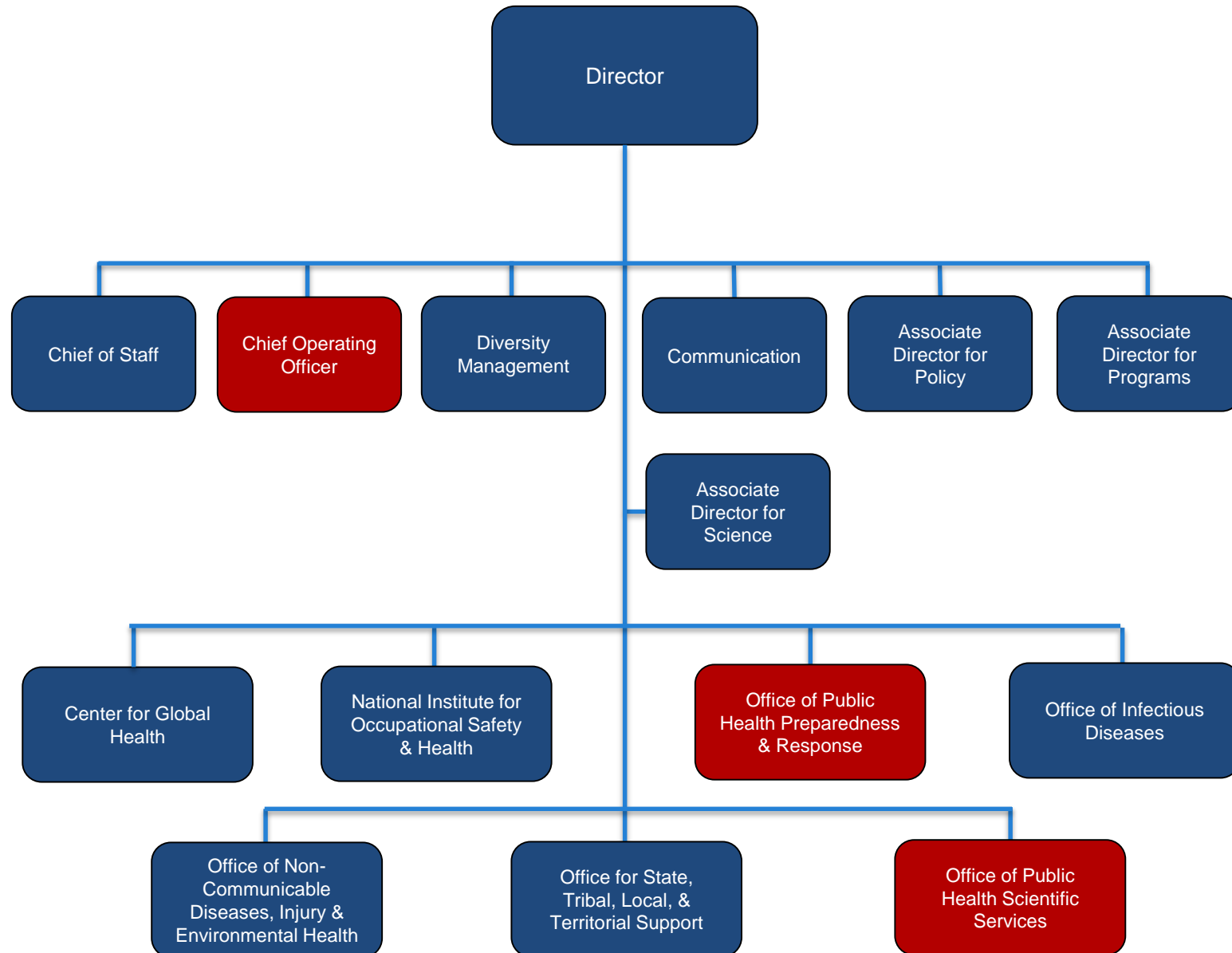


Food and Drug Administration Organization





Centers for Disease Control and Prevention Organization





CMS – Federally Facilitated Marketplace (FFM)



The CCIIO Federally Facilitated Marketplace (FFM) investment funds the development and maintenance of federally-managed health insurance exchanges in states that do not operate their own, as well as federally-mandated programs like healthcare.gov. FFM includes a data services hub to enable information sharing between partners.



STATUS

- Development activities ongoing around the Data Services Hub
- New development on Small Business Health Option Program (SHOP)



REQUIREMENTS

- Application Development
- Data Management
- Data Integration
- Data Protection
- Application Security
- Systems Development
- Business Process Management
- Workflow Management



FUNDING SUMMARY (\$M)

	FY15	FY16
DME	373.5	313.1
SS	---	---



CONTRACTORS

- Accenture
- Quality Software Services
- Creative Computing Solutions



CMS – Quality Program



This investment includes the infrastructure, development, support, implementation, operations, program management, security, and data needs for all quality initiatives. The Quality Program supports collaboration between CMS and the various Quality Improvement Organizations (QIOs).



STATUS

- QIOs broadly focused on data collection and sharing between HHS and stakeholders; stronger analytical capabilities required to measure healthcare quality
- Incremental development of QIO-supporting systems is ongoing; requirements exist for data/application integration



REQUIREMENTS

- Application Development
- Supply Chain Management
- Business Intelligence & Analytics
- Storage
- Network Management
- Network Security



FUNDING SUMMARY (\$M)

	FY15	FY16
DME	68.0	59.9
SS	172.5	152.5



CONTRACTORS

- CSC
- Edaptive Systems
- BKB Data Systems
- Ace Info Solutions
- General Dynamics



FDA – ORA Mission Accomplishments and Regulatory Compliance Services (MARCS)



The MARCS program is the primary IT mechanism for realizing ORA program goals that supports all FDA Field activities (except labs) including domestics, imports, and enforcement. It directly supports the following FDA organizations: CBER, CDER, CDRH, CFSAN, and CVM.



STATUS

- Continued development on MARCS-supporting systems; information sharing, improving user interfaces, and infrastructure
- Specific emphasis on mobile app development for field inspectors



REQUIREMENTS

- Application Development
- Application Integration
- Data Integration
- Business Process Management
- Content Management
- Data Management
- Storage
- Data Security



FUNDING SUMMARY (\$M)

	FY15	FY16
DME	13.1	14.0
SS	10.9	10.9

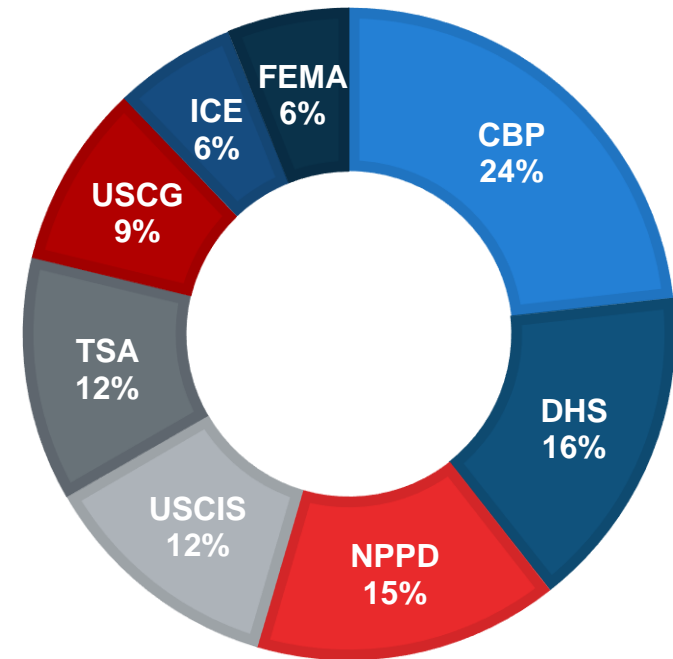
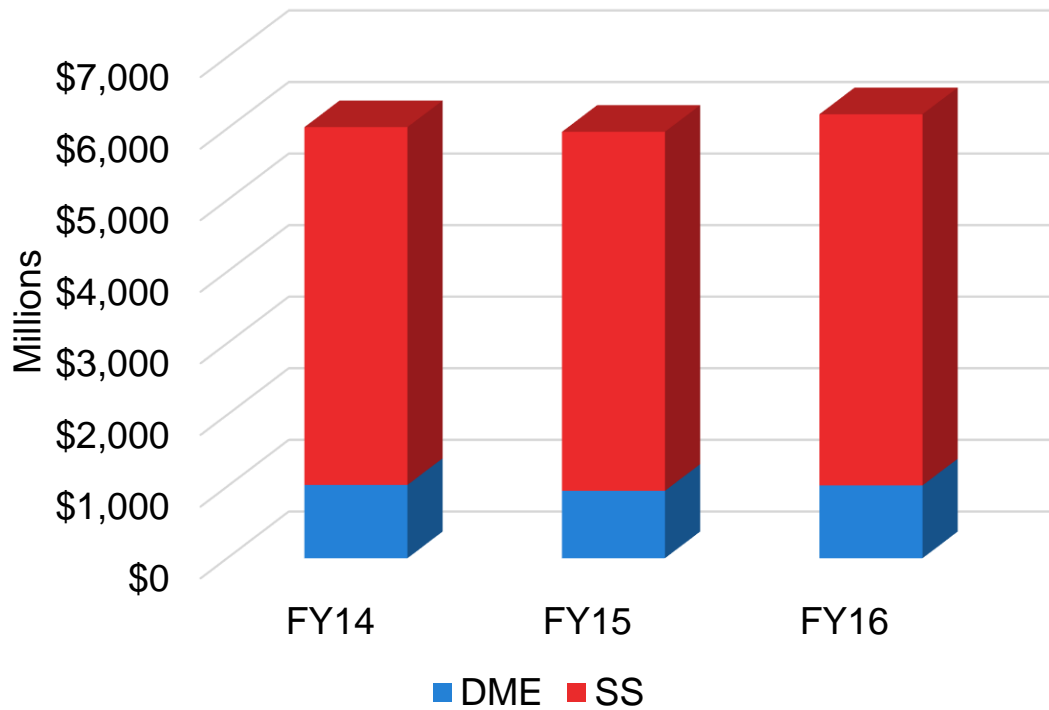


CONTRACTORS

- Lockheed Martin
- SRA
- DRT Strategies



FY16 Discretionary Budget: **\$41.2B** | FY16 IT Budget: **\$6.2B**

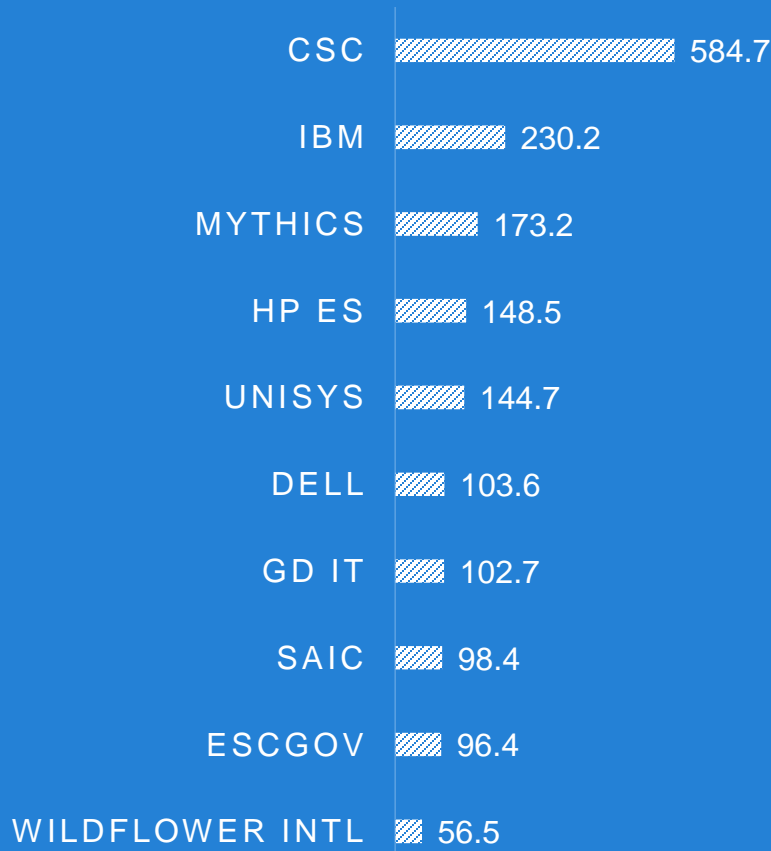




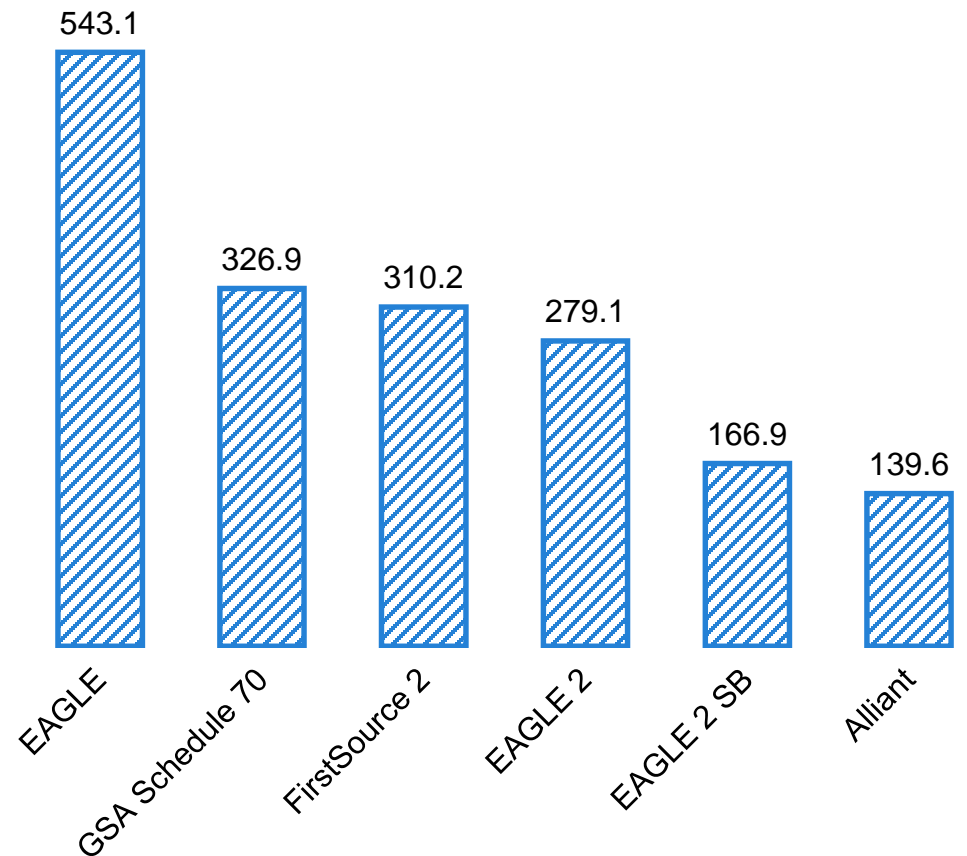
DHS Top IT Contractors and Contract Vehicles



FY15 TOP CONTRACTORS (\$M)



FY15 TOP CONTRACTS/VEHICLES (\$M)





Acquisition

- DHS continuing to commit to GSA vehicles and services
- Scale of DHS IT acquisitions beyond scope of what DHS OCIO wants to review in depth
- Acquisition Innovations in Motion (AliM)



Management

- Unity of Effort is a key approach to leverage assets across the DHS enterprise
- Management Cube moving into Phase II

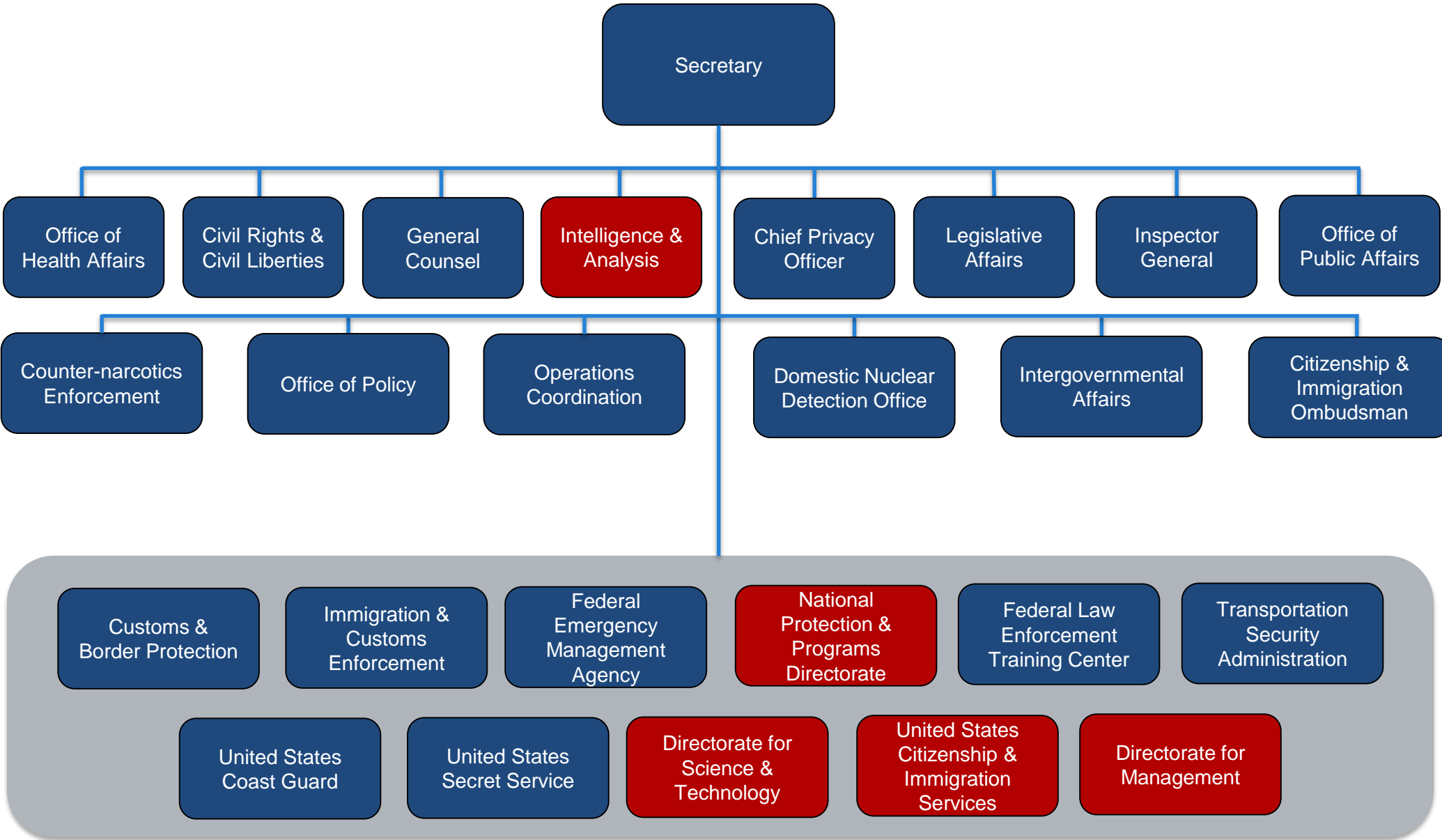


Technology

- Enterprise Computing Services focusing on cloud-delivered marketplace solutions for DHS components
- Cybersecurity R&D continues to be key focus for DHS

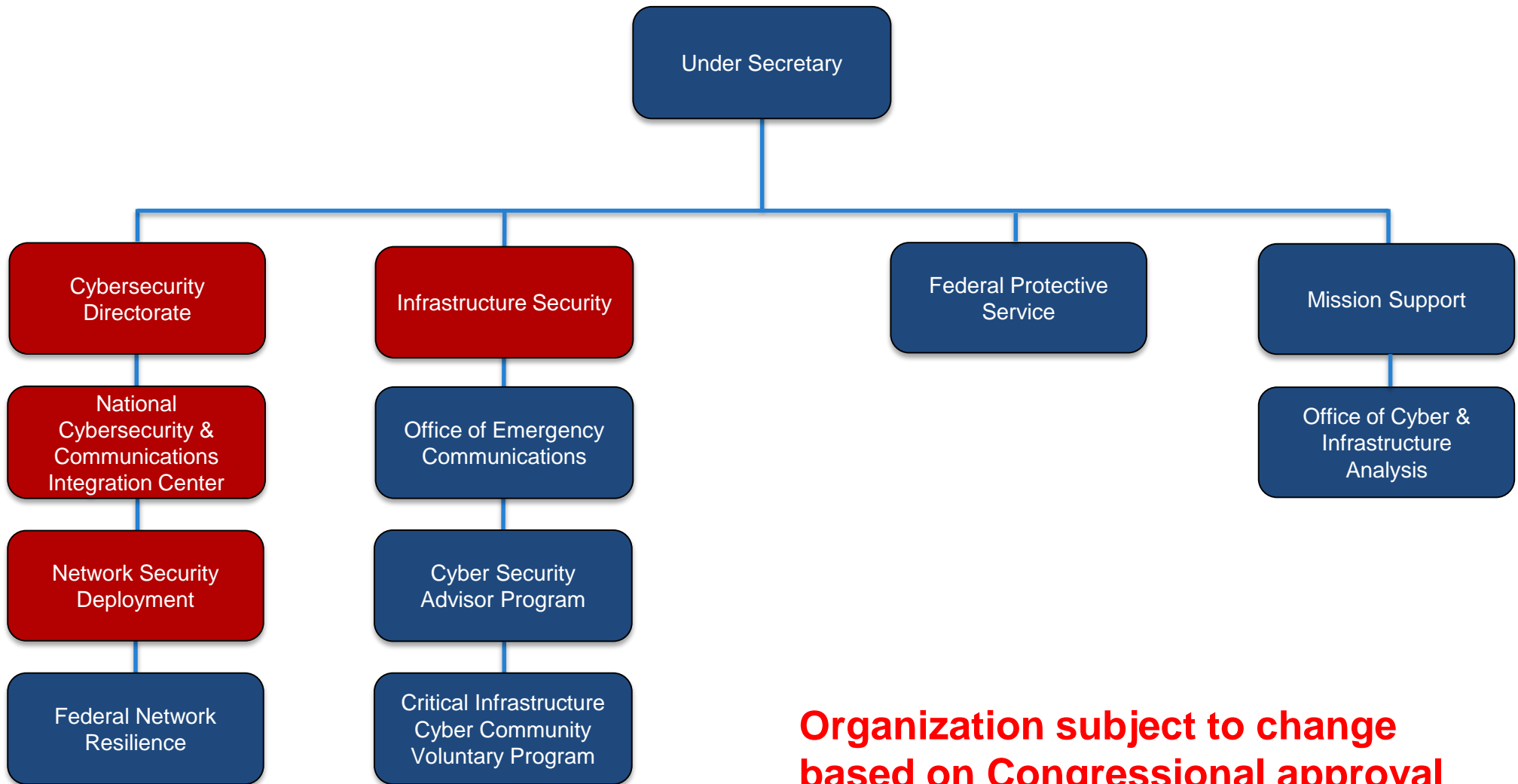


Department of Homeland Security Organization





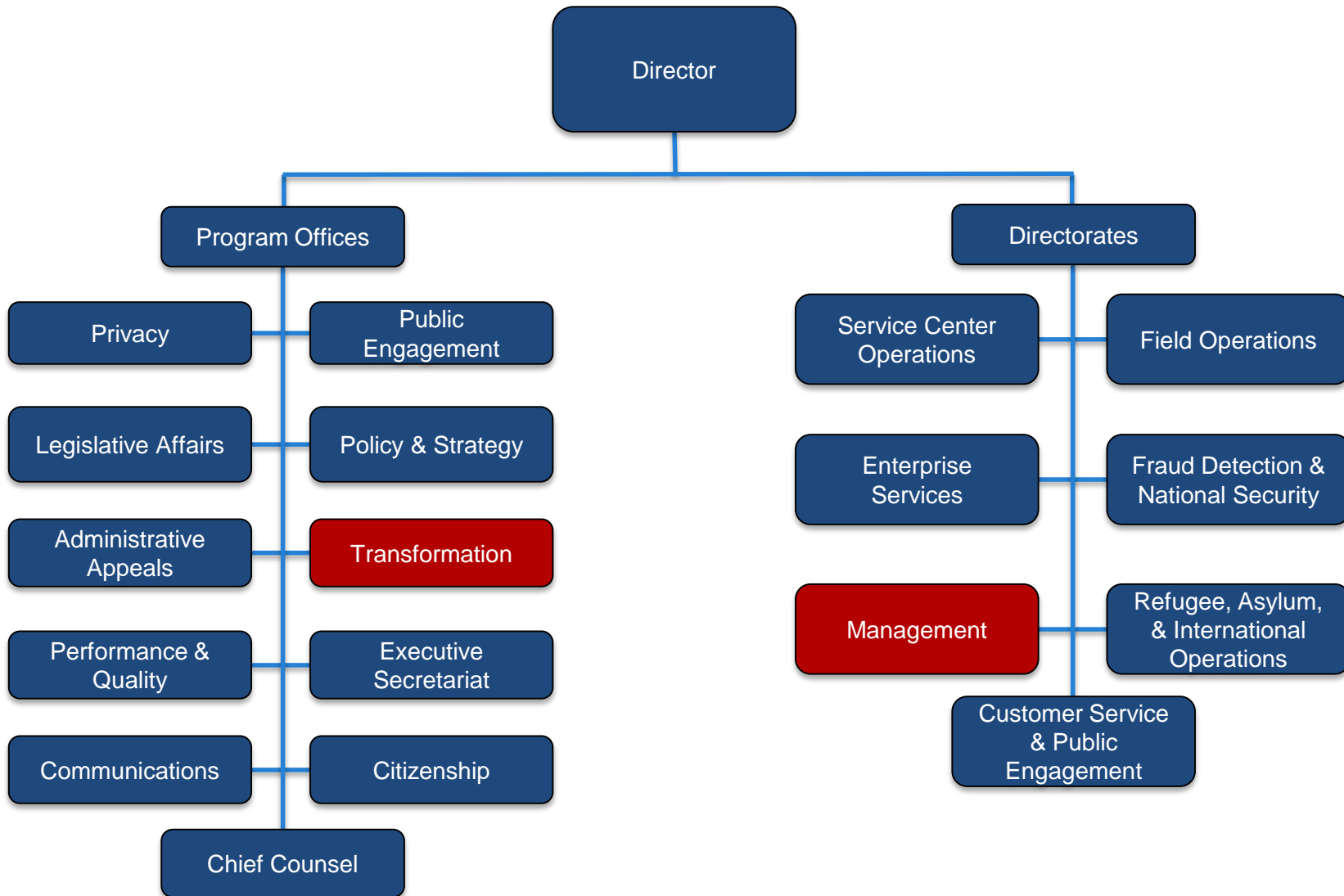
National Protection and Programs Directorate Organization



Organization subject to change based on Congressional approval



US Citizenship and Immigration Services Organization





NPPD – National Cybersecurity & Protection System



The NCPS, operationally known as EINSTEIN, is an integrated system of intrusion detection, analytics, intrusion prevention, and information sharing capabilities that are used to defend the Federal Executive Branch civilian government’s IT infrastructure from cyber threats.



STATUS

- Providing support to US-CERT to identify patterns of malicious activity
- Seeking refresh of anti-malware and network monitoring tools
- Conducting planning and design for advanced visual analytics, automated reporting, and enhanced data management and information sharing solutions



REQUIREMENTS

- Business Intelligence & Analytics
- Malware Defense
- Cybersecurity
- COOP/Disaster Recovery
- Network Management
- Network Security
- Security Information & Event Management



FUNDING SUMMARY (\$M)

	FY15	FY16
DME	122.7	95.8
SS	252.9	368.1



CONTRACTORS

- Raytheon



NPPD – Continuous Diagnostics and Mitigation



The Continuous Diagnostics and Mitigation (CDM) program provides tested continuous monitoring, diagnosis, and mitigation activities designed to strengthen the security posture of the federal .gov domain.



STATUS

- CDM is finalizing Phase 1 Task Order 2 awards and preparing to release TO2F
- Phase 2 RFI likely by end of year, potentially delayed into Q2 FY16



REQUIREMENTS

- Business Intelligence & Analytics
- Malware Defense
- Cybersecurity
- COOP/Disaster Recovery
- Network Management
- Network Security
- Security Information & Event Management
- APT Defense



FUNDING SUMMARY (\$M)

	FY15	FY16
DME	130.6	91.4
SS	12.0	11.2



CONTRACTORS

- Knowledge Consulting Group
- Booz Allen Hamilton
- HP Enterprise Services
- Northrop Grumman



USCIS – Transformation



Transformation will be accomplished through implementation of an integrated operating environment that will transition the agency from a fragmented, paper-based operational environment to a consolidated environment that allows electronic processing of benefit requests.



STATUS

- This fiscal year will focus on new capabilities addressing Family-based Adjustment of Status, Provisional Waivers, EB-5 Program, and Employment-based Adjustments of Status



REQUIREMENTS

- Application Development
- Application Integration
- Middleware
- Supply Chain Management
- Business Intelligence & Analytics
- Data Management
- Enterprise Resource Planning



FUNDING SUMMARY (\$M)

	FY15	FY16
DME	146.9	150.3
SS	30.3	30.6

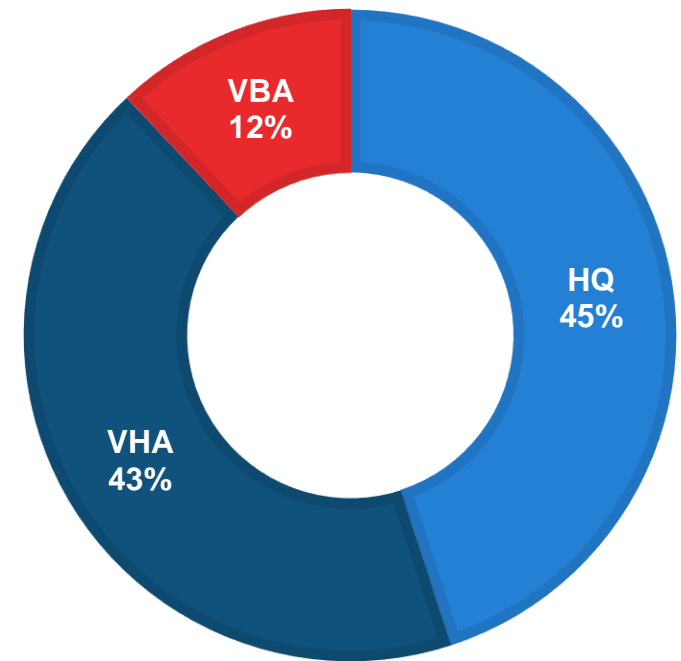
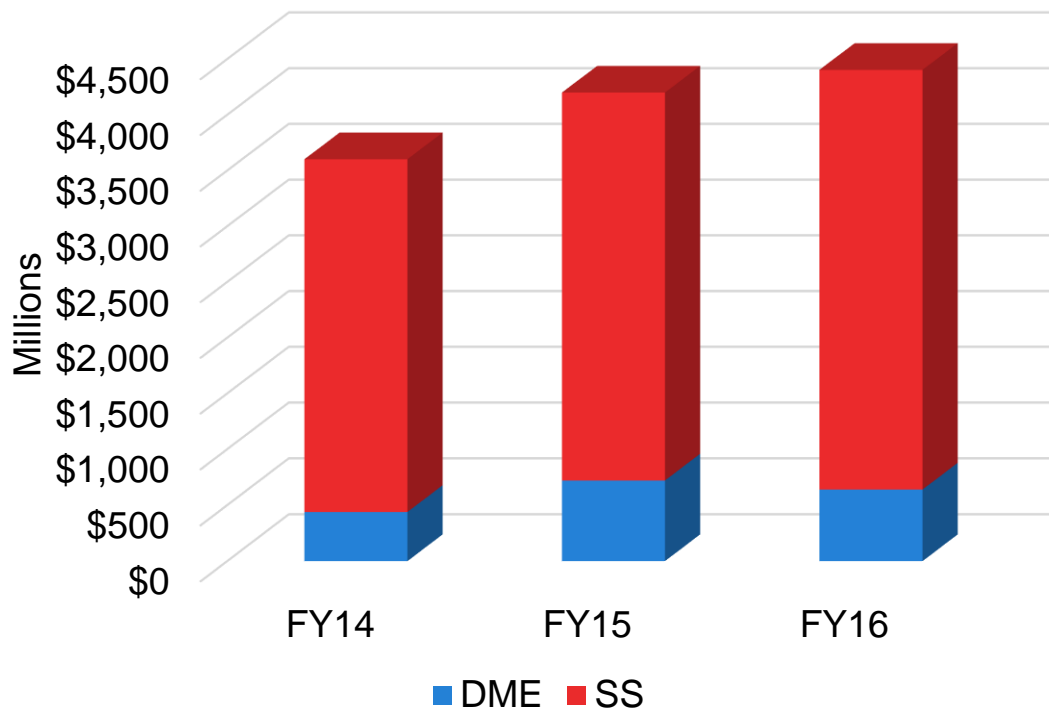


CONTRACTORS

- WBB
- IBM
- Immersion, Inc.
- Teracore
- PPT Solutions
- Leidos
- NTT Data



FY16 Discretionary Budget: **\$70.2B** | FY16 IT Budget: **\$4.4B**

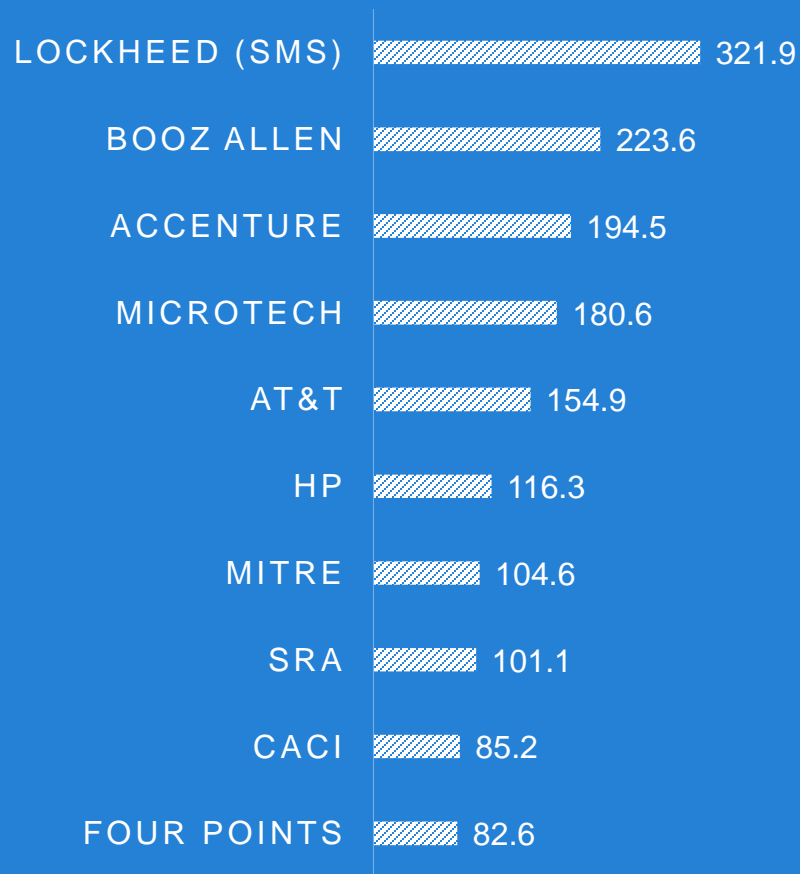




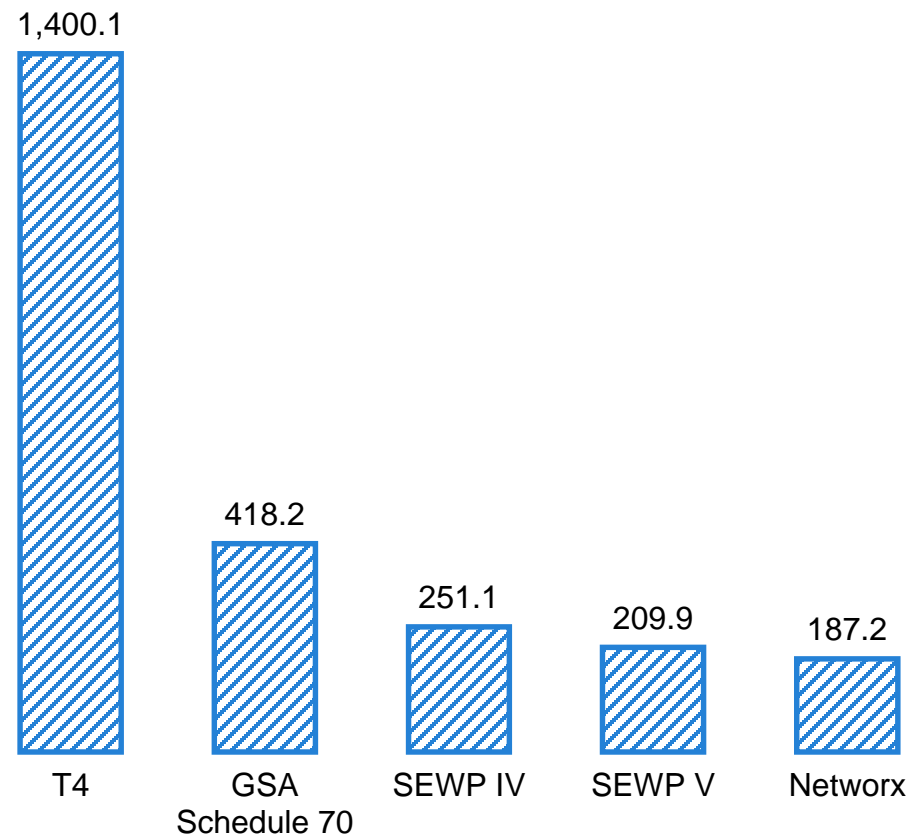
VA Top IT Contractors and Contract Vehicles



FY15 TOP CONTRACTORS (\$M)



FY15 TOP CONTRACTS/VEHICLES (\$M)





VA Trends and Drivers



Acquisition

- Awaiting awards for T4-NG vendors
- New CIO advancing a “buy-first” rather than “make-first” mentality
- Veterans Choice Program providing alternate means for veterans to seek care



Management

- Consolidating veteran points-of-entry and improving program/project management
- Growing recognition that VA may need to lean more heavily on private sector medical partners for veteran care

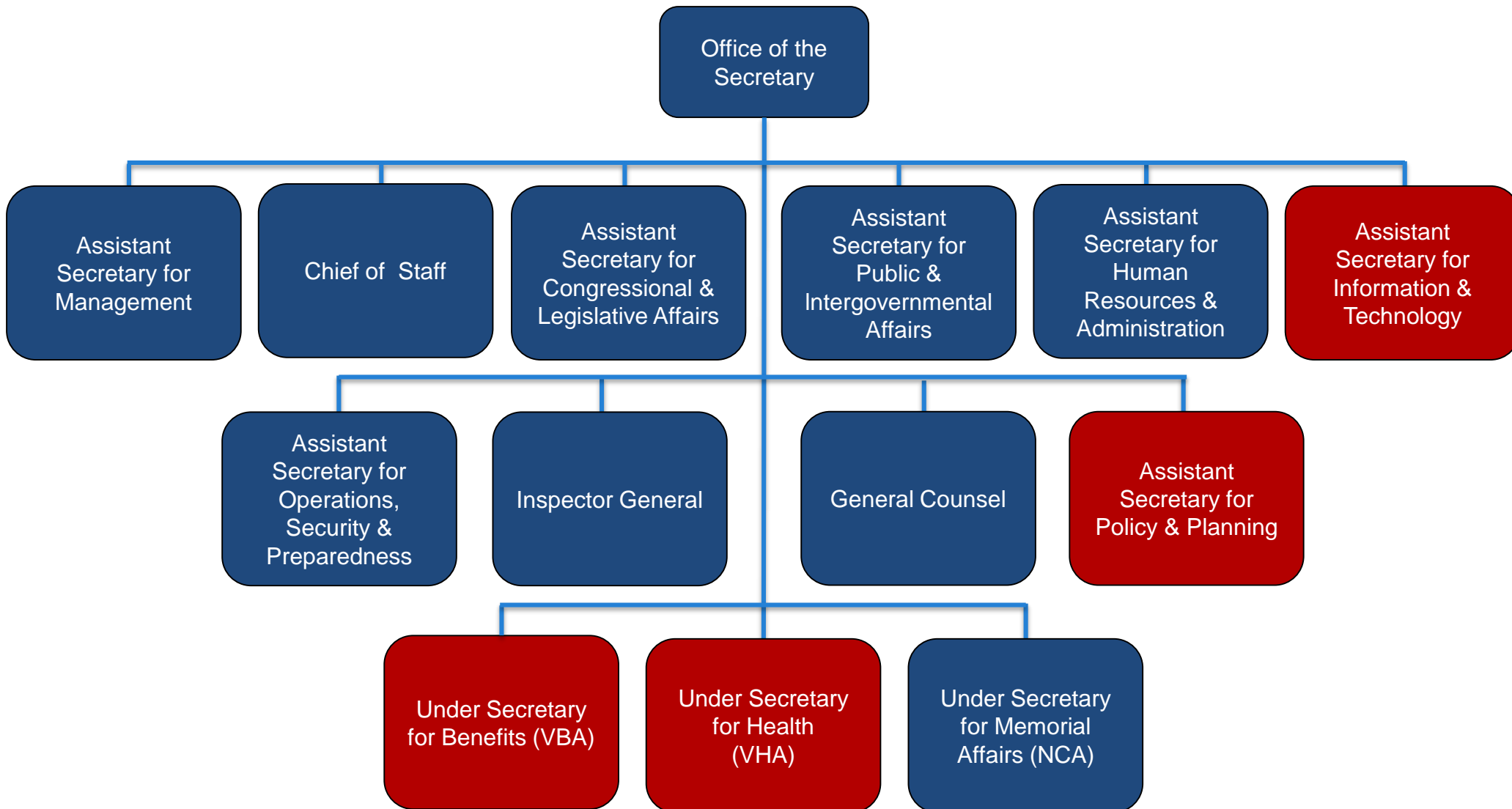


Technology

- New CIO establishing Enterprise Cybersecurity Team to address significant material weaknesses in VA systems
- Collaboration with DOD regarding interoperability continues to present a challenge to the VA

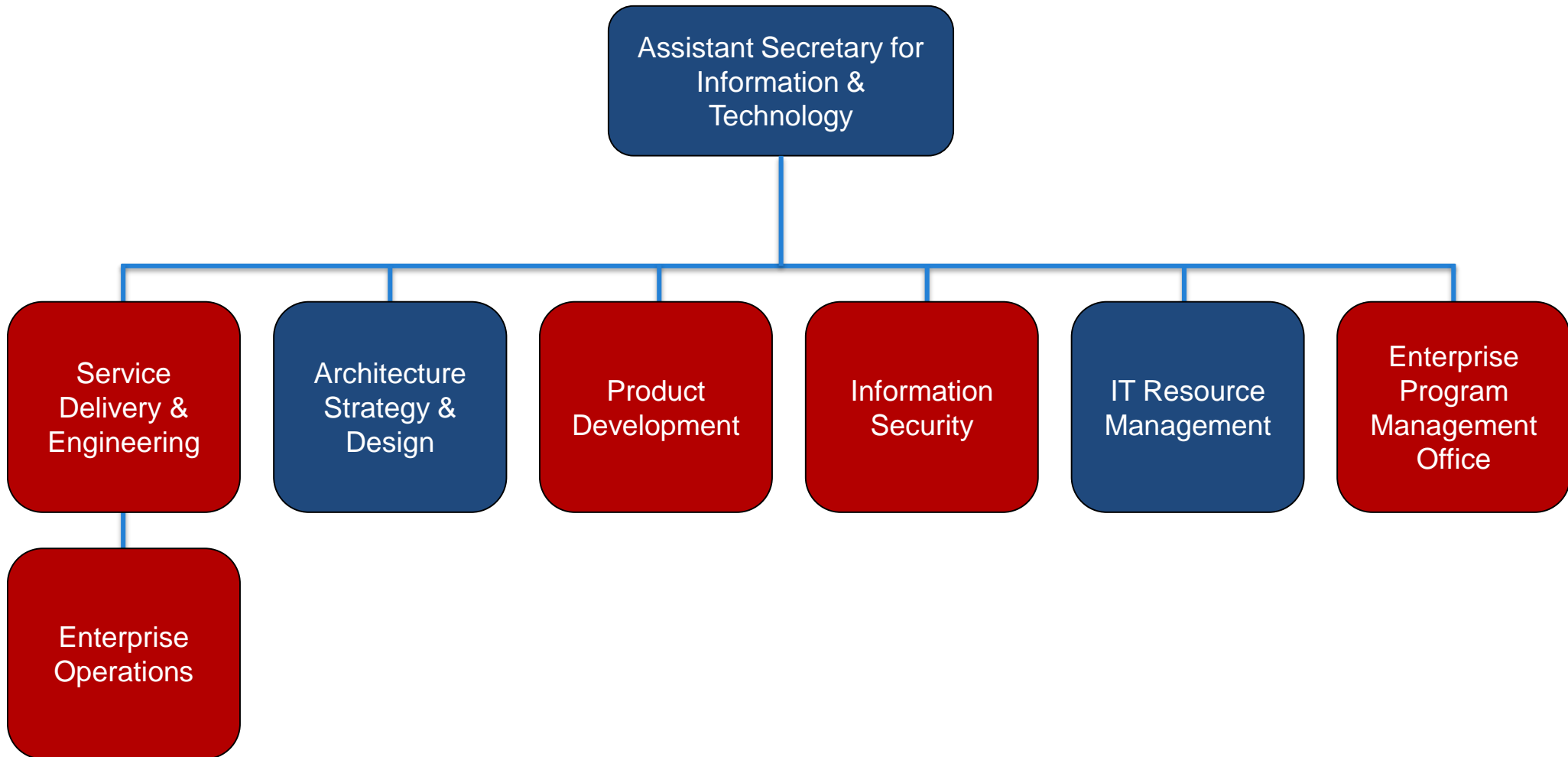


Department of Veterans Affairs Organization



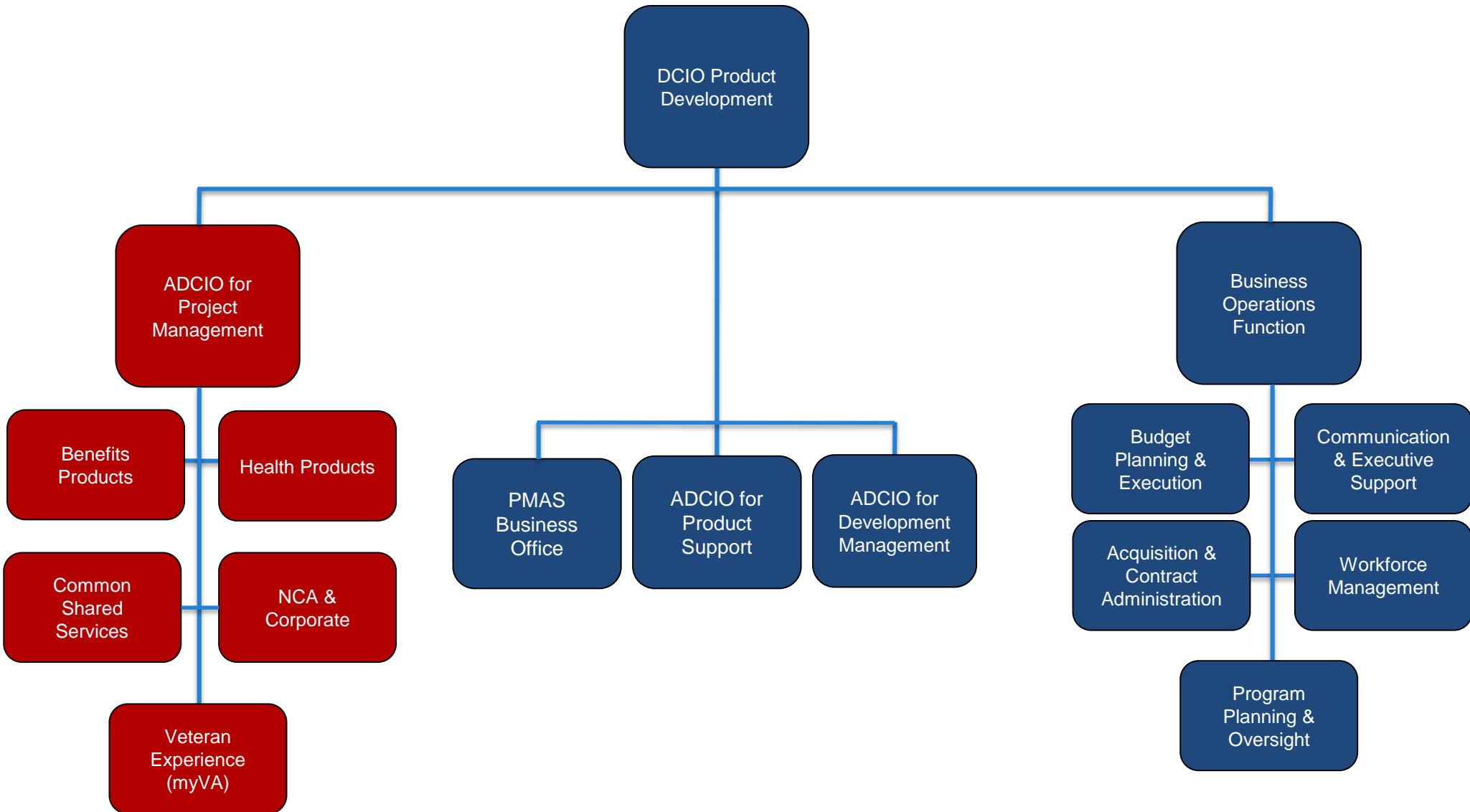


VA Office of Information & Technology Organization





VA OI&T Office of Product Development Organization





VA – Medical 21st Century Development Core



Medical 21st Century Core (MC) provides technology solutions critical to the success of the Veterans Health Care IT System by supporting updates to the VistA Health system and sustainment of other mission-critical and patient safety applications.



STATUS

- Key FY16 activities include continued development of the Virtual Patient Record to enhance sharing with DOD partners
- VA will continue investment in real time location systems to track the location of patients, supplies, and equipment
- The Medical Appointment Scheduling System will also better enable the VA to manage patient care



REQUIREMENTS

- Application Development
- Healthcare Management
- Business Intelligence & Analytics
- Data Management
- Service Oriented Architecture
- Middleware
- Information Sharing
- Customer Relationship Management



FUNDING SUMMARY (\$M)

	FY15	FY16
DME	217.9	197.9
SS	120.2	236.4



CONTRACTORS

- Lockheed Martin (SMS)
- LongView
- 7 Delta
- Technatomy
- Booz Allen Hamilton
- ASM Research
- Elsevier
- Harris Patriot Healthcare
- Proquis



VA – Interagency 21st Century Enrollment Systems Redesign



The Enrollment project includes improving functionality to process Veterans applications for enrollment, share Veterans eligibility and enrollment data with all VA healthcare facilities involved in the Veterans care, manage Veterans enrollment correspondence and telephone inquiries, and support national reporting and analysis of enrollment data.



STATUS

- Focus is on the integration of new enrollment modules with the iEHR
- Enhancements are sought to the enrollment system and on-line health applications



REQUIREMENTS

- Application Development
- Healthcare Management
- Data Management
- Service Oriented Architecture
- Middleware
- Information Sharing
- Application Security



FUNDING SUMMARY (\$M)

	FY15	FY16
DME	2.4	42.4
SS	3.2	6.3



CONTRACTORS

- SRA
- HP Enterprise Services



VA – Corporate IT Support Enterprise Cyber Security and Privacy



This investment funds the work of the Office of Information Security and the Enterprise Cybersecurity Strategy Team.



STATUS

- Current plans are to address 8 core security domains set forth by the CIO, beginning with a focus on medical device security and privacy



REQUIREMENTS

- Cybersecurity
- Application Security
- APT Defense
- Network Security
- Mobile Security
- Malware Defense
- Privacy
- Business Intelligence & Analytics



FUNDING SUMMARY (\$M)

	FY15	FY16
DME	---	---
SS	222.7	247.8

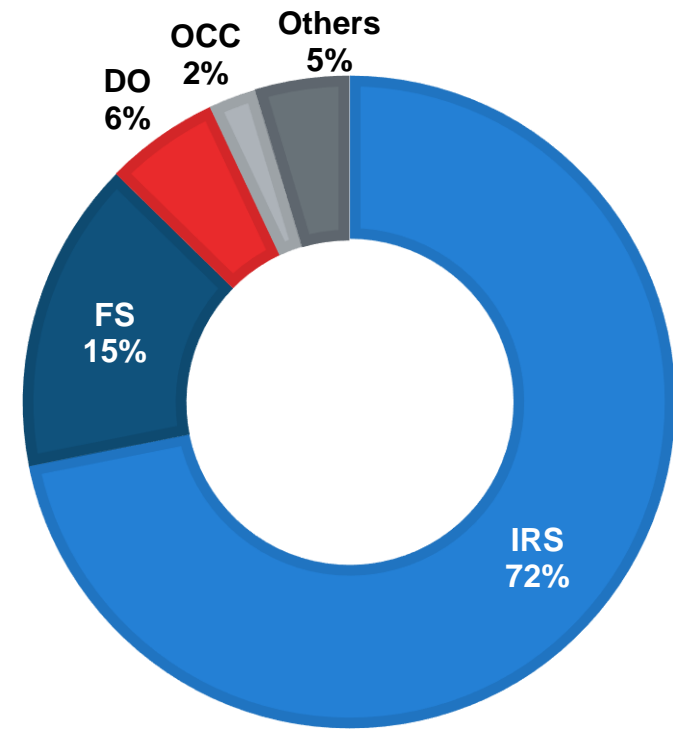
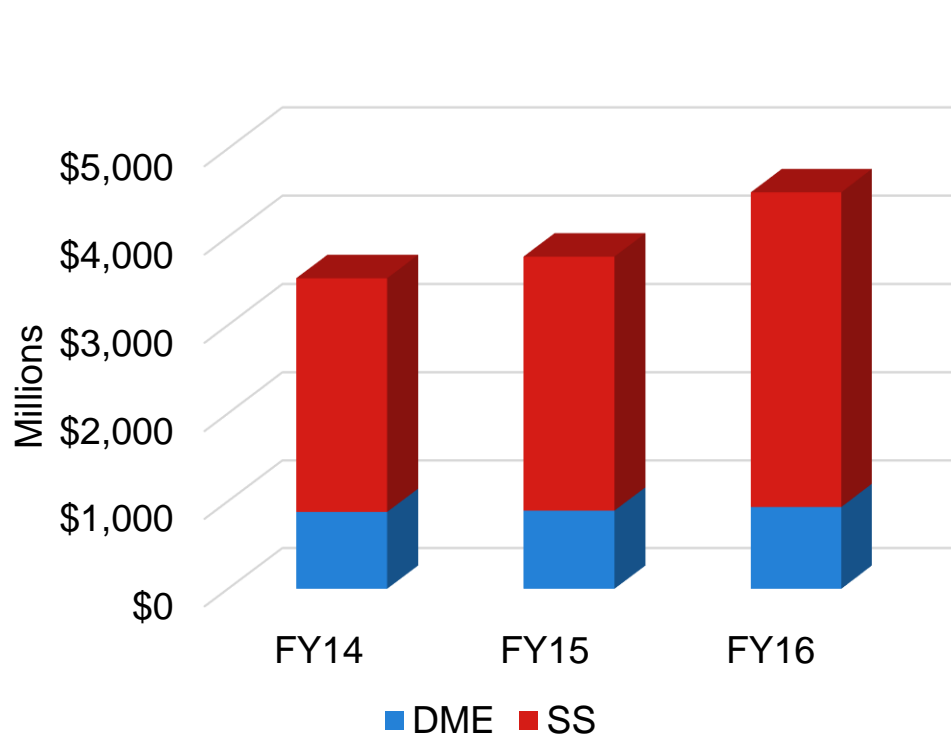


CONTRACTORS

- Force 3
- immixGroup
- Sword and Shield
- Blue Tech
- Merlin Intl
- IBM
- AT&T
- Three Wire
- ThunderCat Technology



FY16 Discretionary Budget: **\$14.3B** | FY16 IT Budget: **\$4.5B**

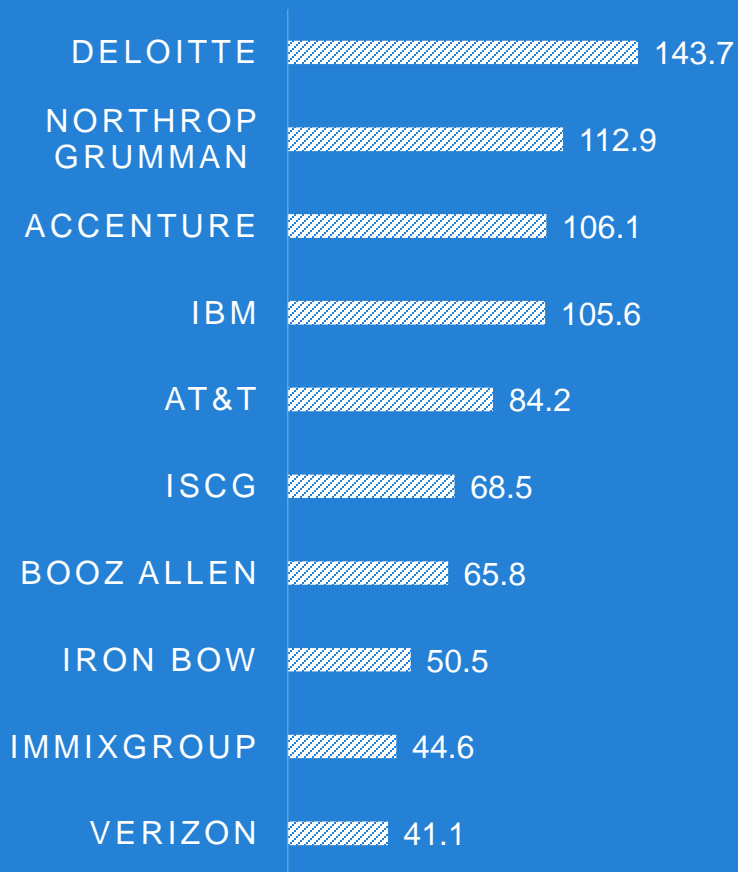




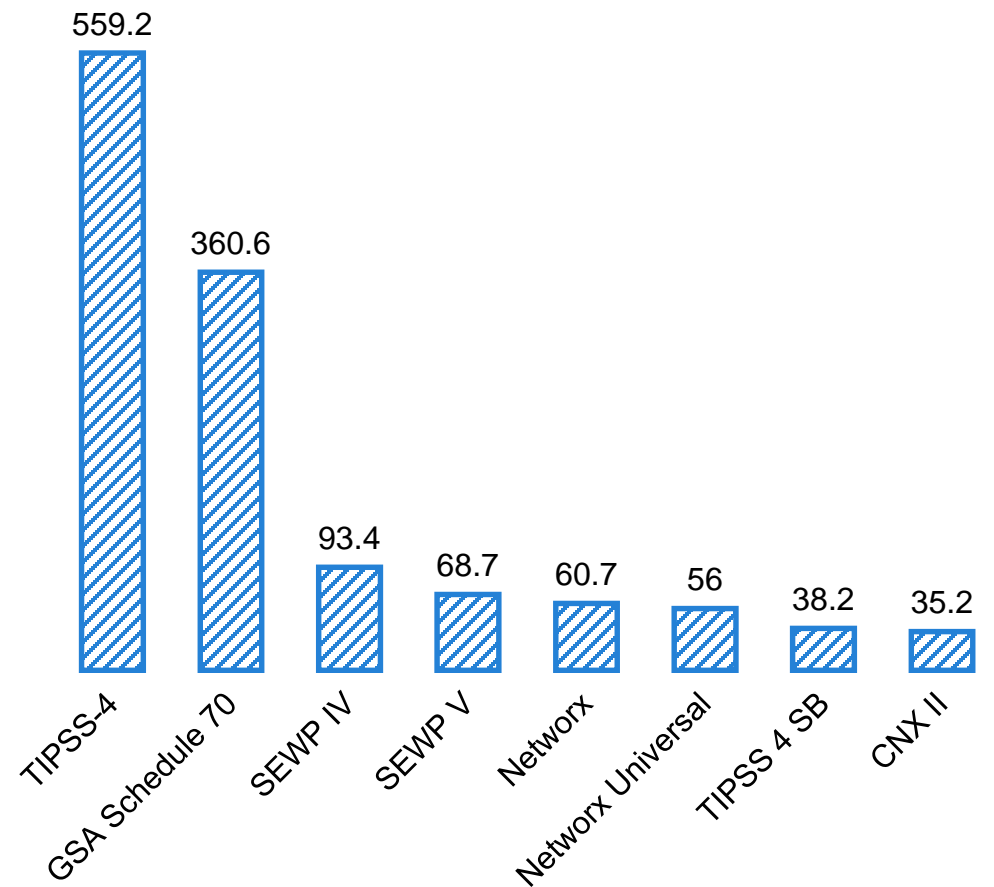
TREAS Top IT Contractors and Contract Vehicles



FY15 TOP CONTRACTORS (\$M)



FY15 TOP CONTRACTS/VEHICLES (\$M)





TREAS Trends and Drivers



Acquisition

- Substantial increase in TIPSS-4, schedule 70 activity
- SEWP usage also slightly up when legacy IV activities are consolidated; other MACs, GWACs down



Management

- Management structure of BFS IT organization being mapped out
- IRS OCTO emphasizing FITARA implementation, centralizing decision-making up from mission areas

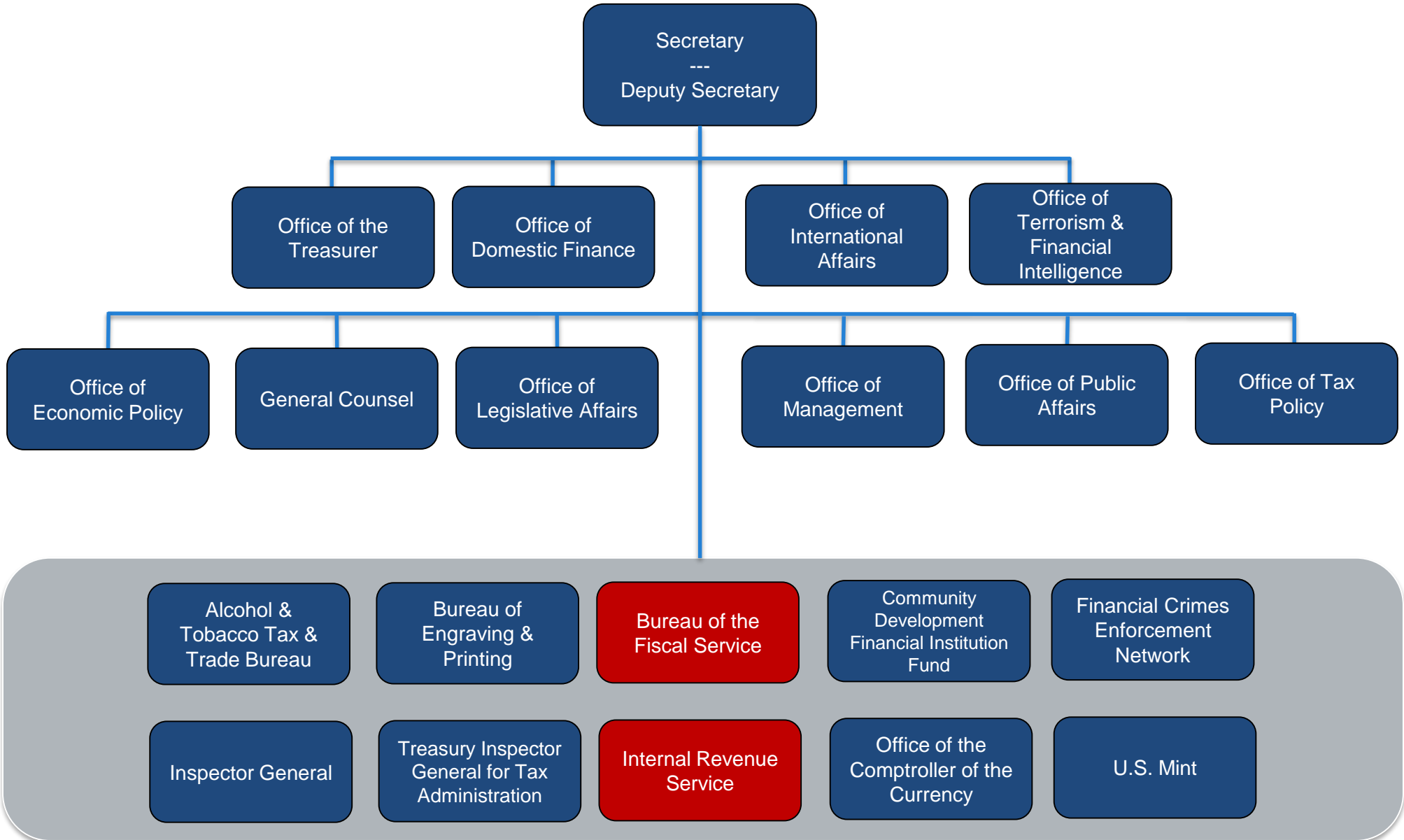


Technology

- Data exchange, validation with CMS (ACA), foreign institutions (FATCA)
- Data center consolidation continues at Parkersburg, WV facility
- Increase in private cloud as a service – Unisys managing storage in IRS data centers

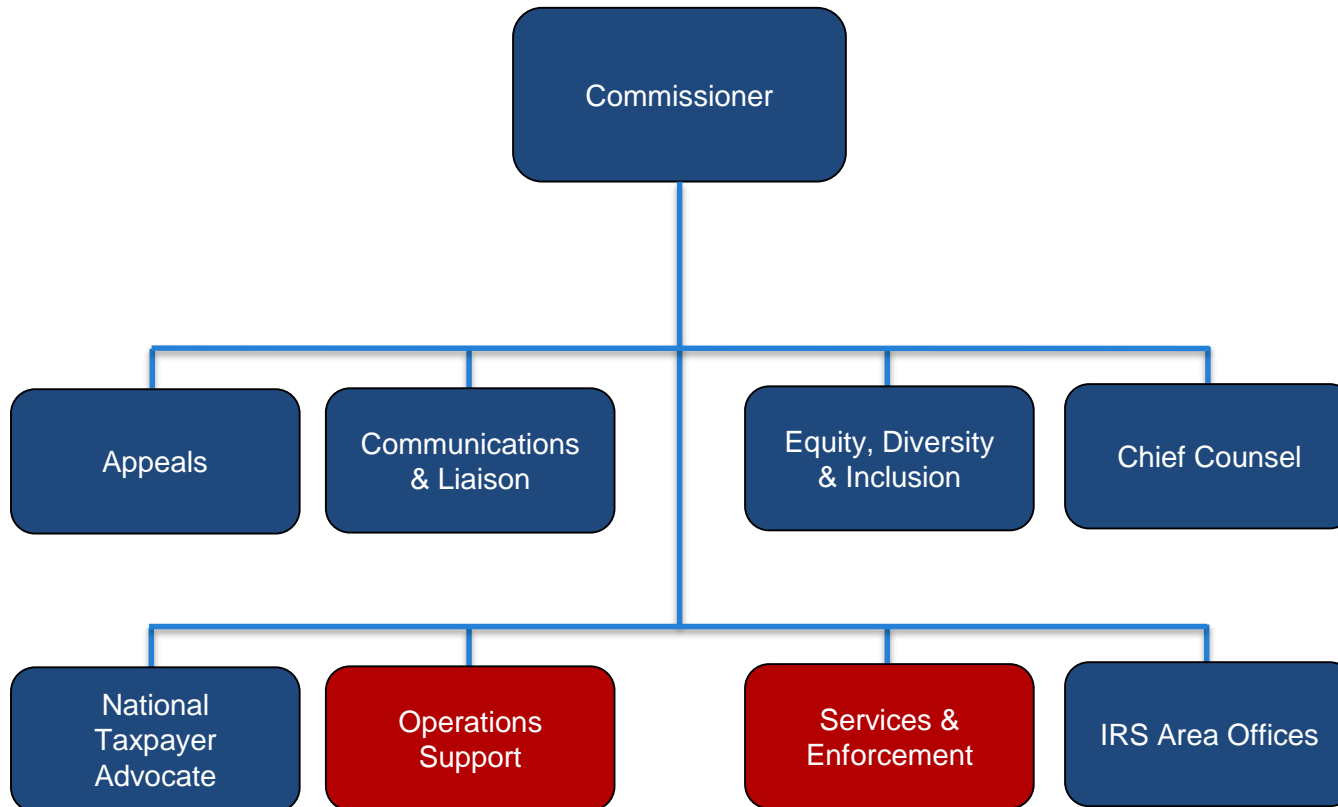


Department of the Treasury Organization



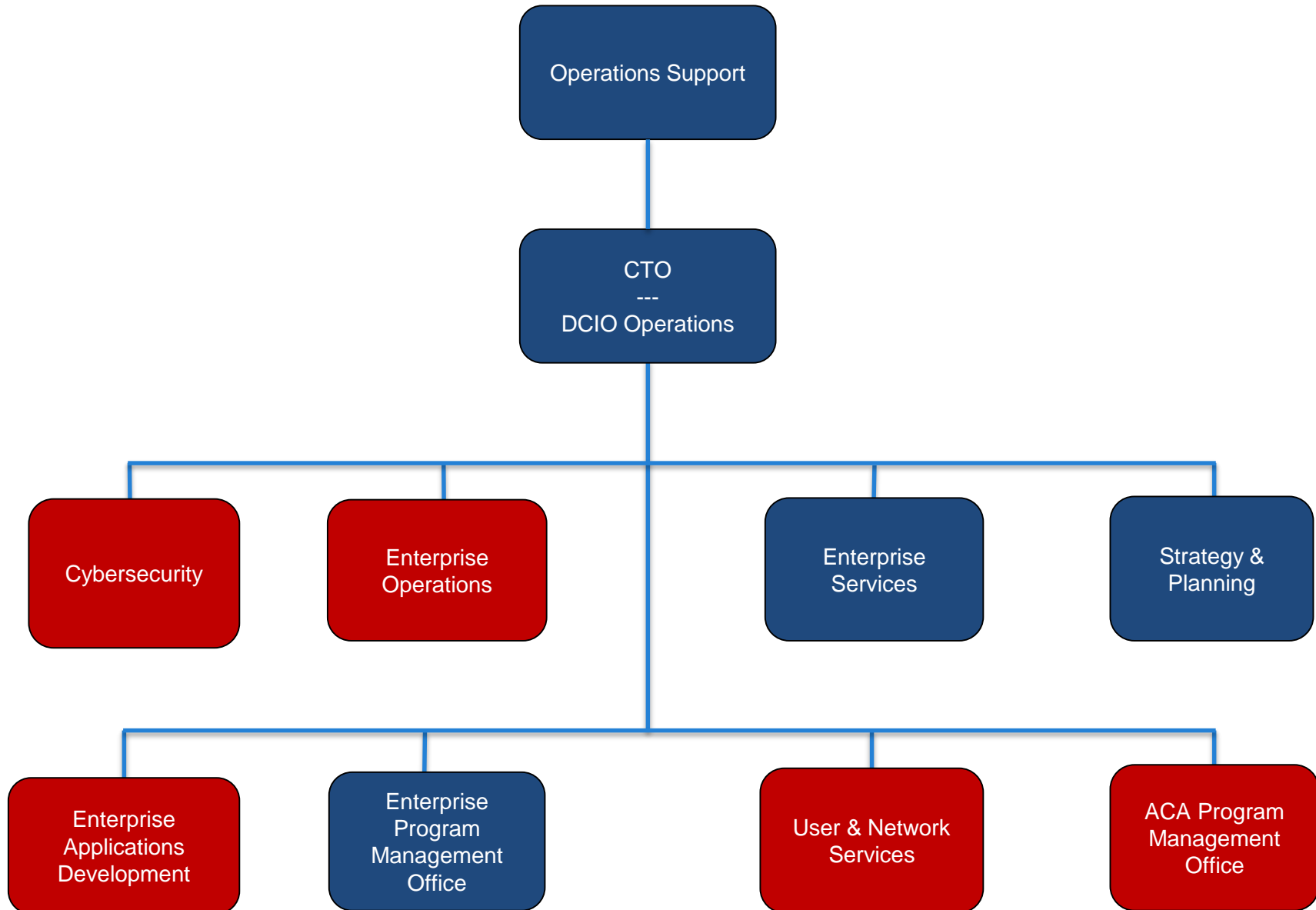


Internal Revenue Service Organization



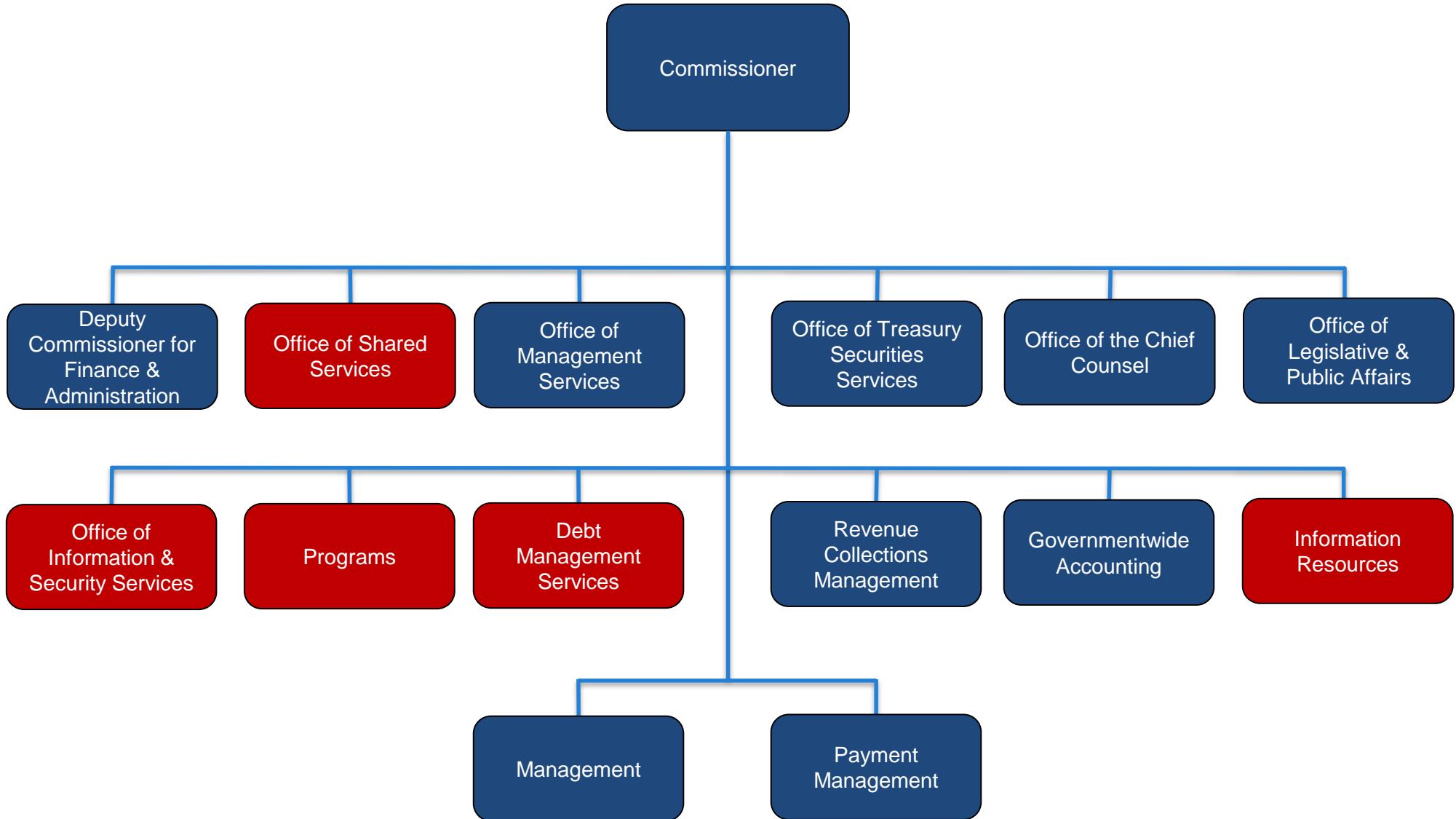


IRS Office of the Chief Technology Officer Organization





Bureau of the Fiscal Service Organization





IRS – Affordable Care Act Administration



The ACA Administration investment funds systems to support IRS’s role in enforcing the Affordable Care Act. These responsibilities primarily revolve around verification of claimed benefits and enforcement of anti-fraud rules. IRS’s ACA systems will interface with the CMS Data Hub as well as industry data sources.



STATUS

- Currently developing releases 7.0 and 7.1 of the ACA Administration solution, focusing on increased data management, case management, analytics, and information sharing



REQUIREMENTS

- Business Intelligence & Analytics
- Data Management
- Information Sharing
- Case Management
- Content Management
- Data Protection
- Visualization



FUNDING SUMMARY (\$M)

	FY15	FY16
DME	292.1	301.7
SS	80.9	94.9



CONTRACTORS

- IBM
- Deloitte
- Booz Allen Hamilton
- Citizant
- 6K Systems
- Mitre



IRS – Customer Account Data Engine 2 (CADE 2)



The Customer Account Data Engine is the central database for individual taxpayers that handles all filings by individuals. CADE 2, when completed, will be the central source of tax filing data for other IRS applications and non-IRS agencies. Development of a modernized relational database for CADE 2 began in FY15 and will continue in FY16.



STATUS

- Continued development of the relational database
- Building enhancements to the existing database to allow CADE to become the source of data for GAO audits
- Preparing for IMF consolidation



REQUIREMENTS

- Data Integration
- Data Management
- Application Development
- Information Sharing
- Collaboration
- Business Intelligence & Analytics



FUNDING SUMMARY (\$M)

	FY15	FY16
DME	124.0	148.0
SS	6.9	7.1



CONTRACTORS

- Deloitte
- SAIC
- T and T Consulting
- HumanTouch
- CSC



BFS – Post Payment System (PPS)



The Post Payment System (PPS) is one of the flagship investments supporting ongoing Fiscal Service consolidation. It consolidates Treasury payment aftermath processing into one application, eliminating data redundancy and providing one-stop aftermath processing for federal agencies.



STATUS

- FY16 development primarily focuses on transferring TRACS and PACER functionality into PPS, completing the major application integration requirements of the program



REQUIREMENTS

- Application Development
- Application Integration
- Case Management
- Workflow Management
- Content Management
- Visualization
- Data Management



FUNDING SUMMARY (\$M)

	FY15	FY16
DME	14.2	14.8
SS	1.5	3.1

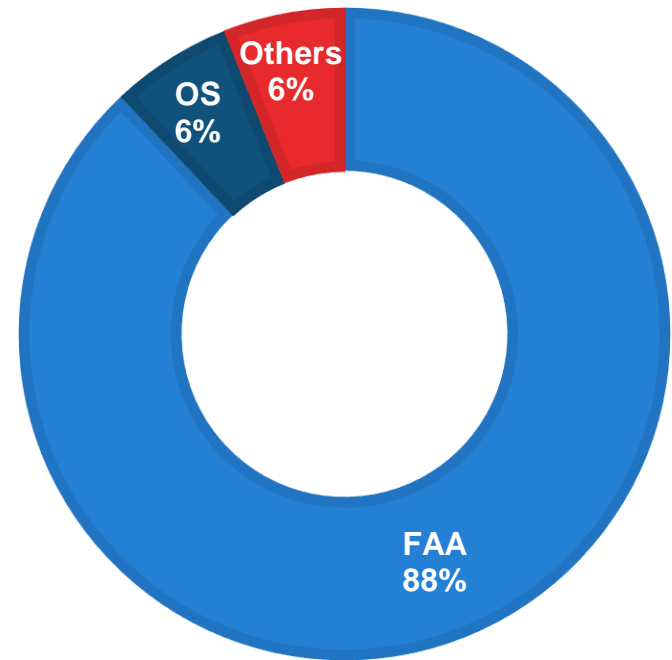
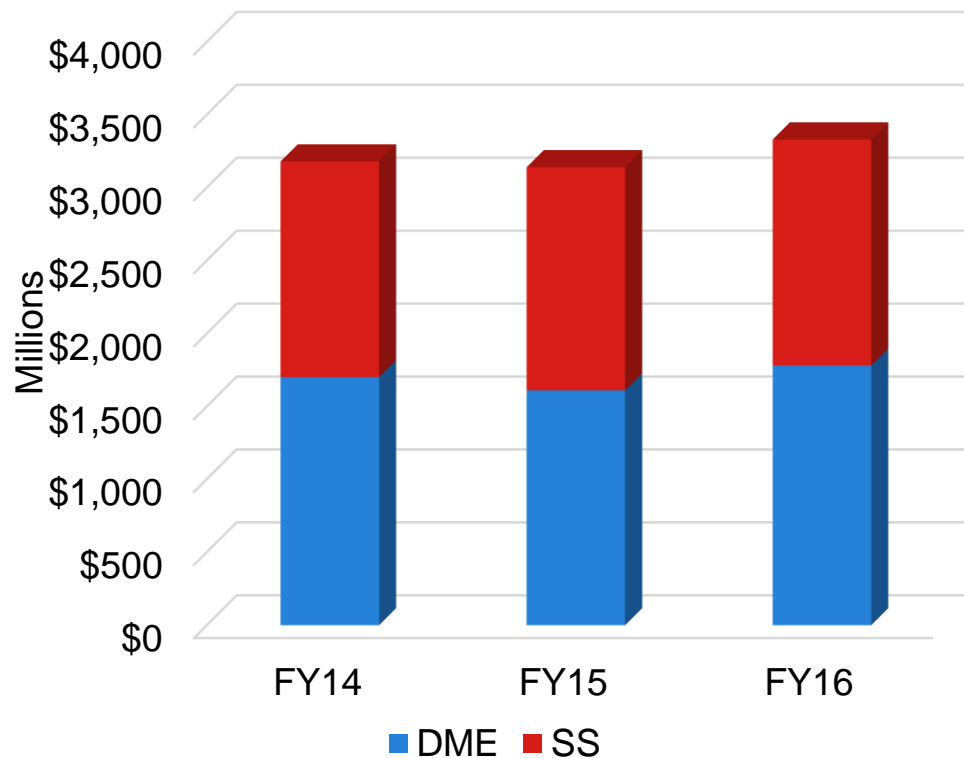


CONTRACTORS

- Custom Software Systems
- Pichler Computing



FY16 Discretionary Budget: **\$94.7B** | FY16 IT Budget: **\$3.3B**

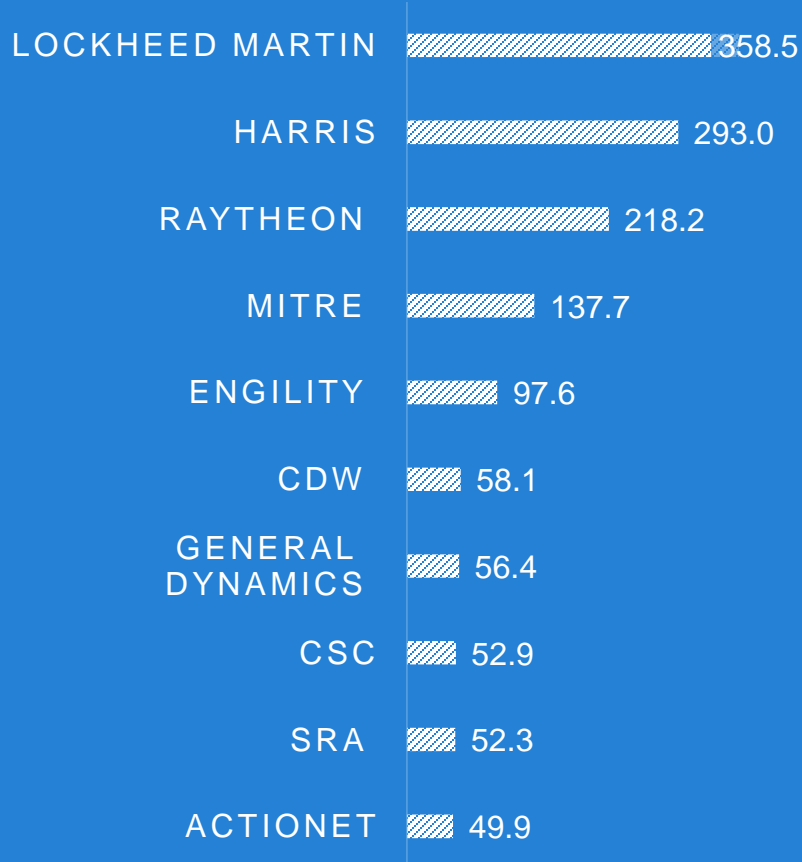




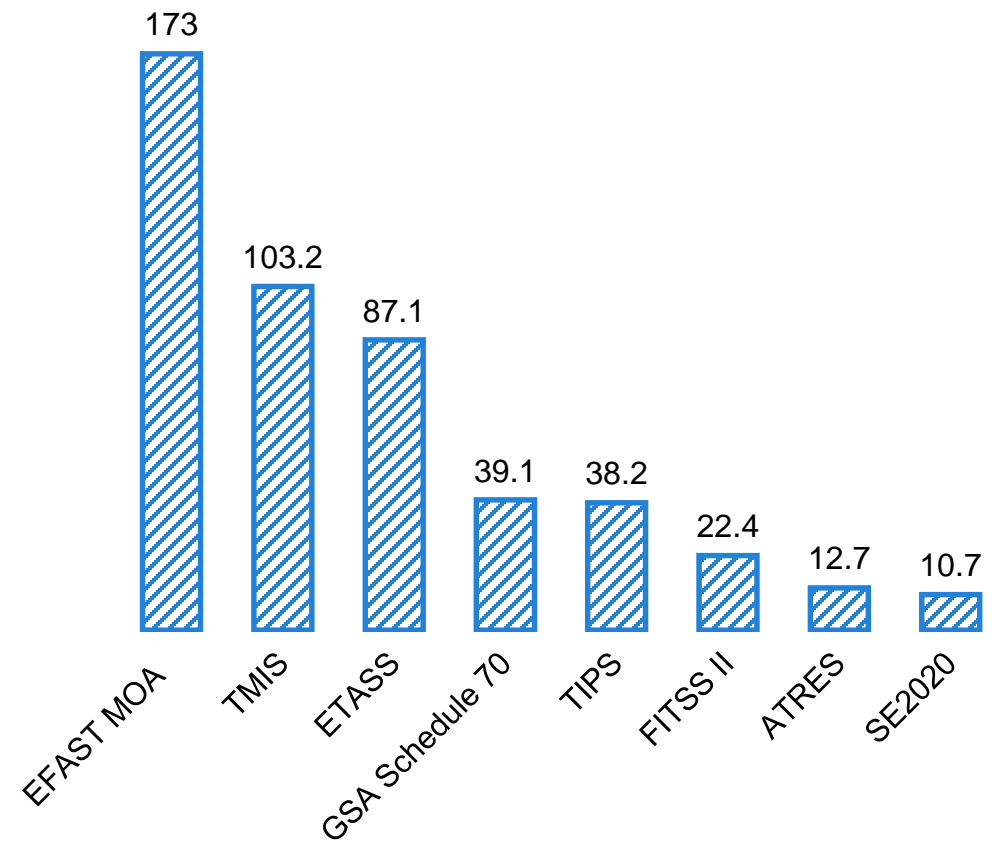
DOT Top IT Contractors and Contract Vehicles



FY15 TOP CONTRACTORS (\$M)



FY15 TOP CONTRACTS/VEHICLES (\$M)





Acquisition

- Acquisition and purchasing at FAA remains largely controlled by major systems integrators
- Purchasing and contracting for non-FAA components centralized under HQ OCIO



Management

- Continuing to merge non-FAA IT groups and systems into the HQ OCIO under Common Operating Environment (COE)
- Recent cyber attacks incentivize centralized cybersecurity management at FAA OIT

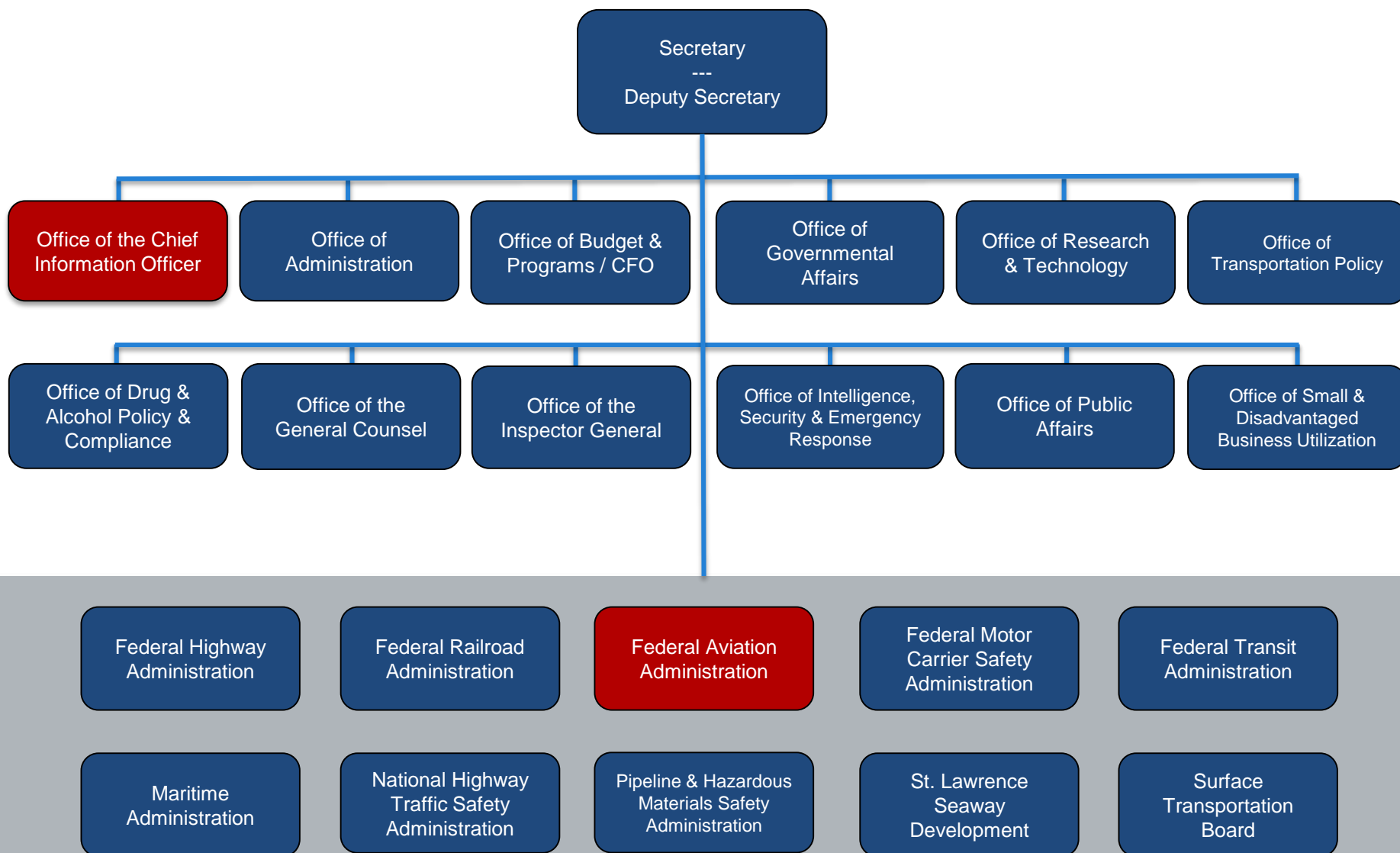


Technology

- HQ OCIO looking to leverage COE investment to establish itself as a private cloud service provider for non-FAA administrations
- FAA continues to integrate legacy NAS supporting tools into NextGen portfolio

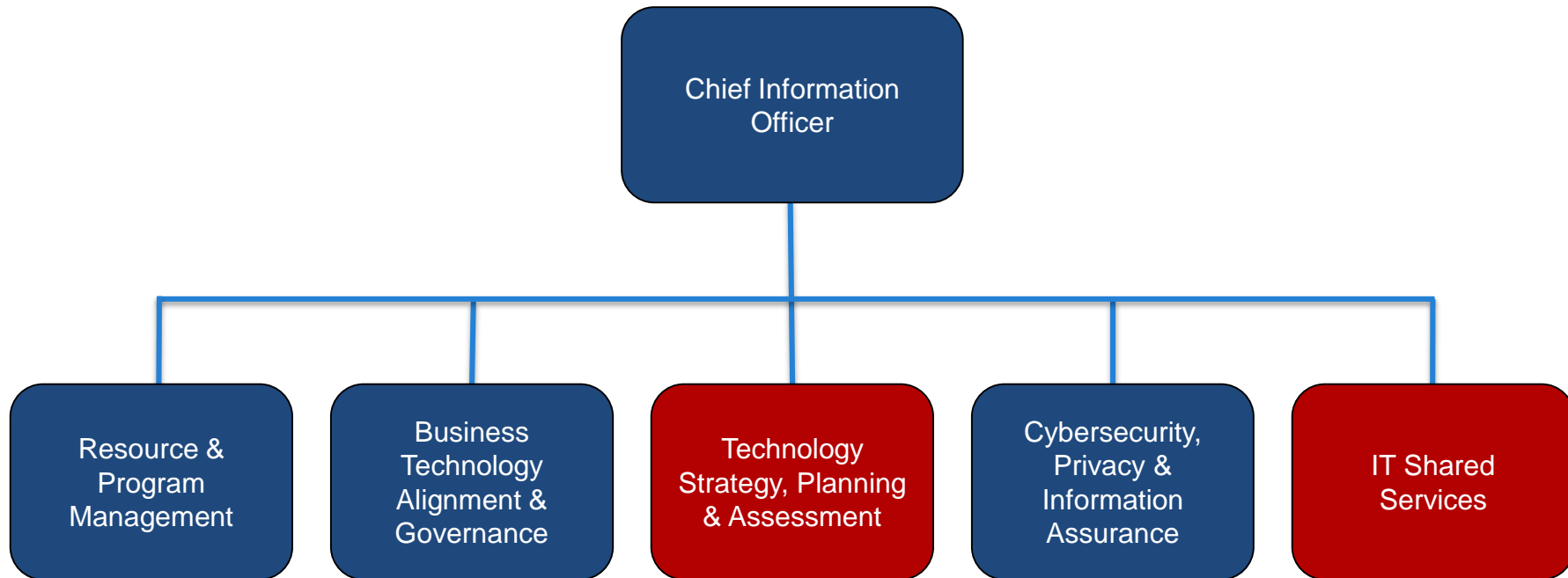


Department of Transportation Organization



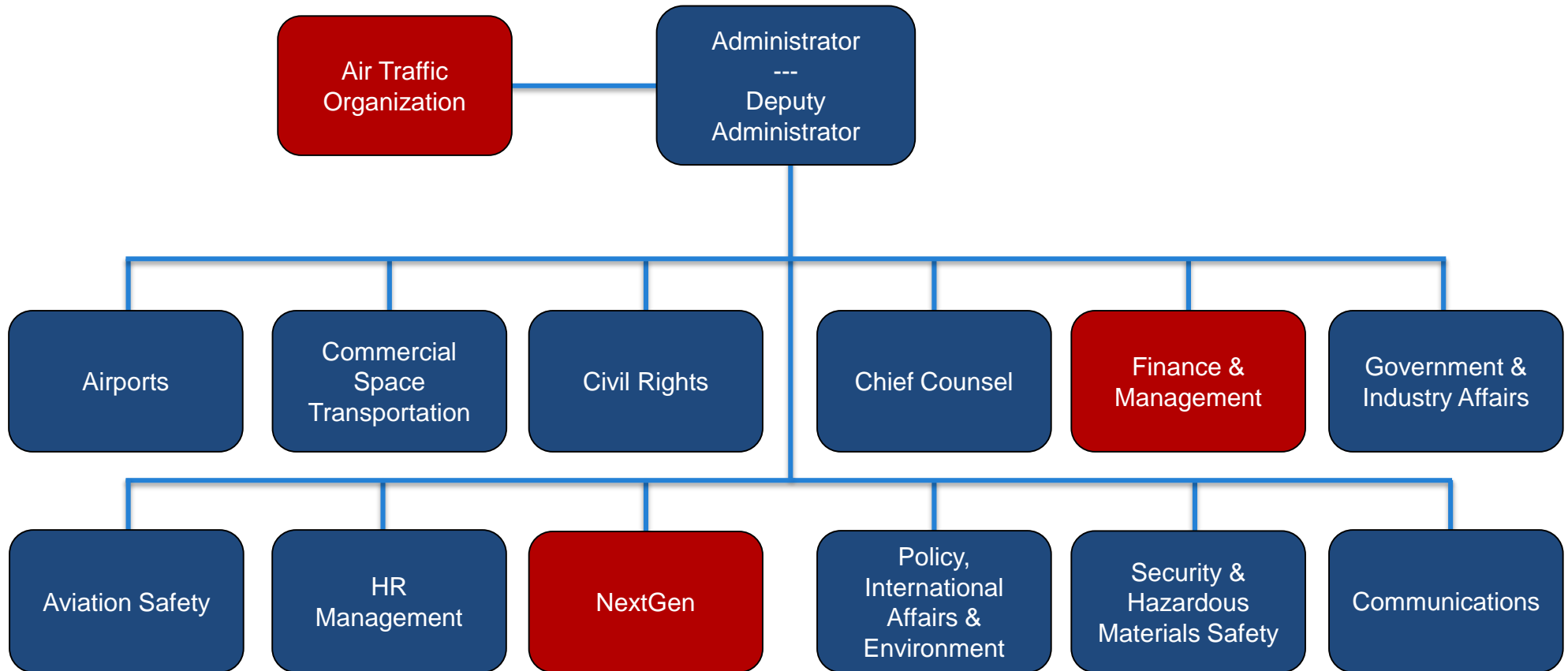


DOT Office of the Chief Information Officer Organization





Federal Aviation Administration Organization





DOT – Common Operating Environment (DOT COE)



This investment is a compilation of IT infrastructure at DOT, exclusive of FAA and OIG initiatives. It includes shared IT services and performance results of recently completed IT consolidation activities.



STATUS

- Searching for technologies that allow improved data sharing, security, and improved data and email storage
- COE will complete a 20% equipment refresh in FY16, including tablets, operating system upgrades and secure remote access solutions



REQUIREMENTS

- Consolidation
- Data Centers & Servers
- Network Administration / Management
- Storage
- Telecommunications
- Information Security



FUNDING SUMMARY (\$M)

	FY15	FY16
DME	14.7	13.0
SS	47.5	56.1



CONTRACTORS

- ActioNet
- 1 Source Consulting
- NextiraOne Federal
- Information Innovators
- Microsoft
- Effective Management Associates
- Software Spectrum



FAA – Terminal Automation Modernization and Replacement Program (TAMR-P)



With the TAMR Program, the FAA is standardizing terminal automation on the Standard Terminal Automation Replacement System (STARS) platform. The TAMR program employs a three-phased approach to modernizing the air traffic control.



STATUS

- Will implement mandatory software security and safety enhancements, new functionality and upgrades
- FY16 Phase 3 plans includes the completion of IOC at 18 sites



REQUIREMENTS

- Application Integration / Rationalization
- Application Lifecycle Management
- Application Security
- Middleware
- Systems Management
- Continuous Monitoring
- Network Security



FUNDING SUMMARY (\$M)

	FY15	FY16
DME	203.2	245.0
SS	147.5	154.9

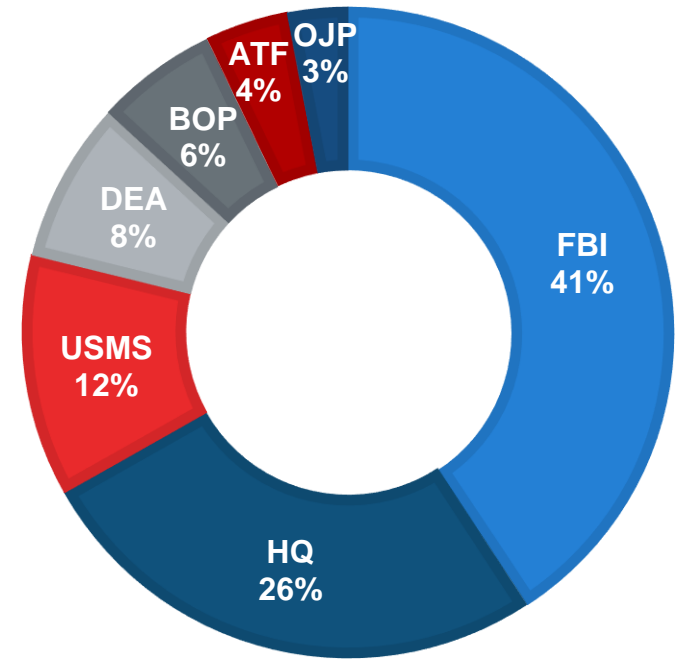
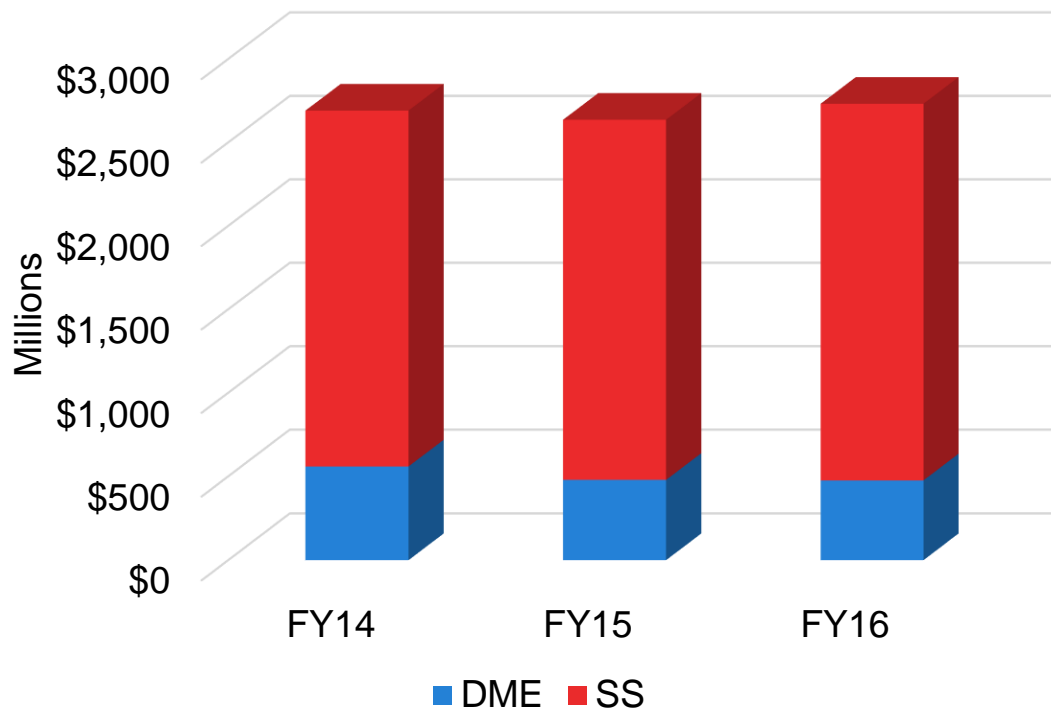


CONTRACTORS

- Raytheon
- Regulus Group
- SRA International
- Enterprise Solutions
- Architecture Technology
- A3 Technology



FY16 Discretionary Budget: **\$28.6B** | FY16 IT Budget: **\$2.7B**

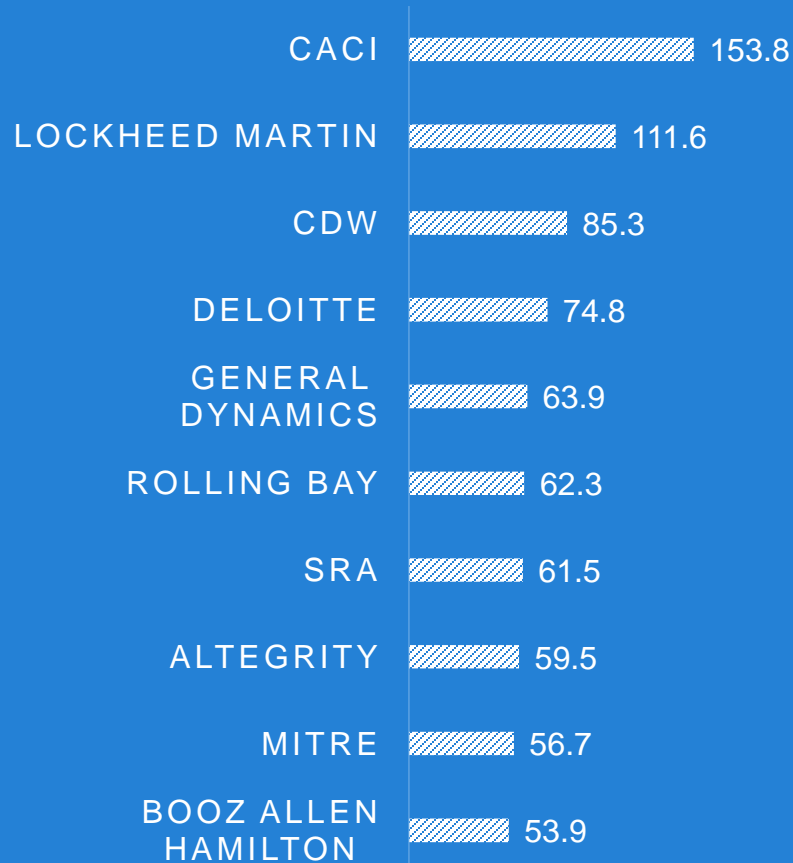




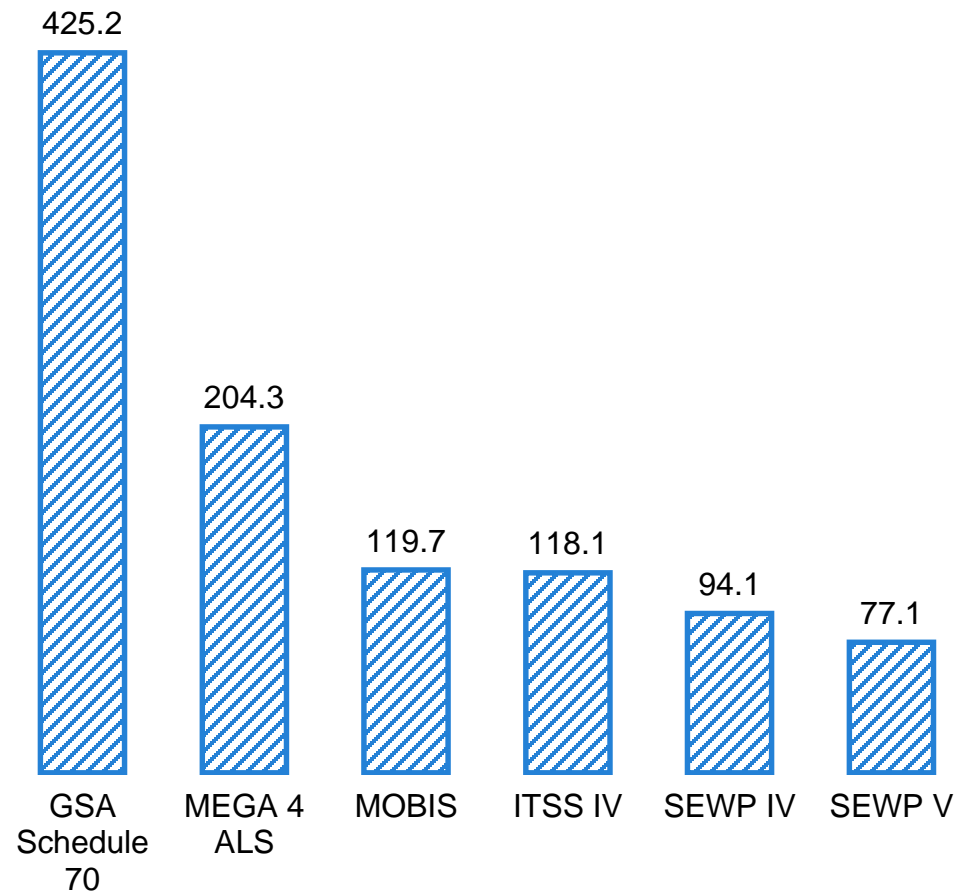
DOJ Top IT Contractors and Contract Vehicles



FY15 TOP CONTRACTORS (\$M)



FY15 TOP CONTRACTS/VEHICLES (\$M)





Acquisition

- Significant funding obscured due to ITSSS
- Preference for agency-specific BPAs for COTS products
- Purchasing for cyber products centralized under Departmental-level CIO



Management

- Consolidation of non-major IT investments into major IT investments for enterprise transparency as a result of PortfolioStat
- Convergence around threat information sharing and other cyber initiatives

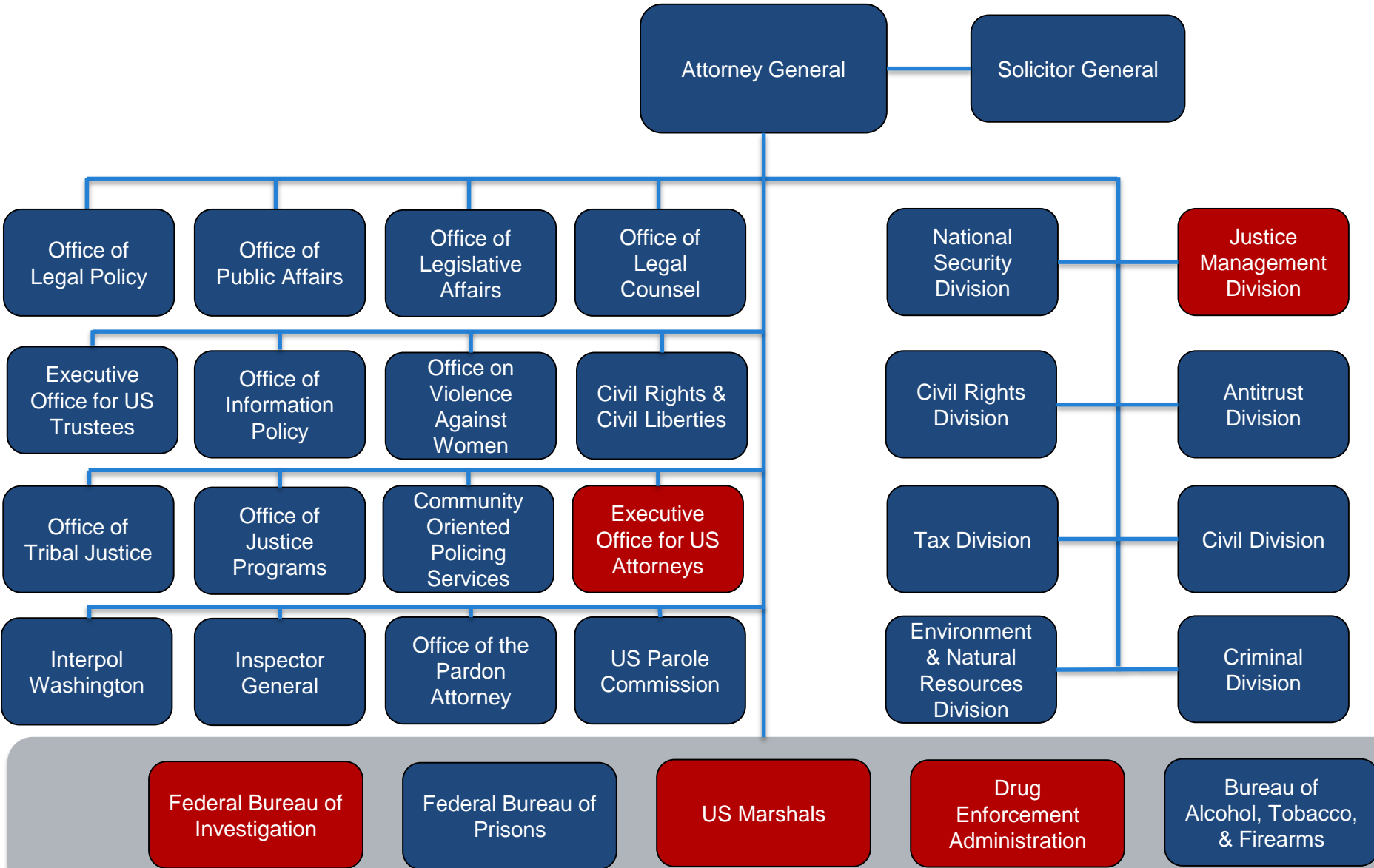


Technology

- Law Enforcement community cloud
- Making use of converged technology solutions
- Insider Threats and APT Defense are cyber priorities



Department of Justice Organization





Justice Management Division Organization



Assistant Attorney General for Administration

Human Resources

Controller

Information Resources Management

Policy, Management, & Planning

Human Resources Staff

Equal Employment Opportunity

Budget

Service Engineering

Internal Review & Evaluation

General Counsel

Security & Emergency Planning

Library

Finance

Cybersecurity

Facilities & Administrative Services

Department Ethics

Consolidated Executive Office

Departmental Executive Secretariat

Asset Forfeiture Management

Policy & Planning

Procurement Services

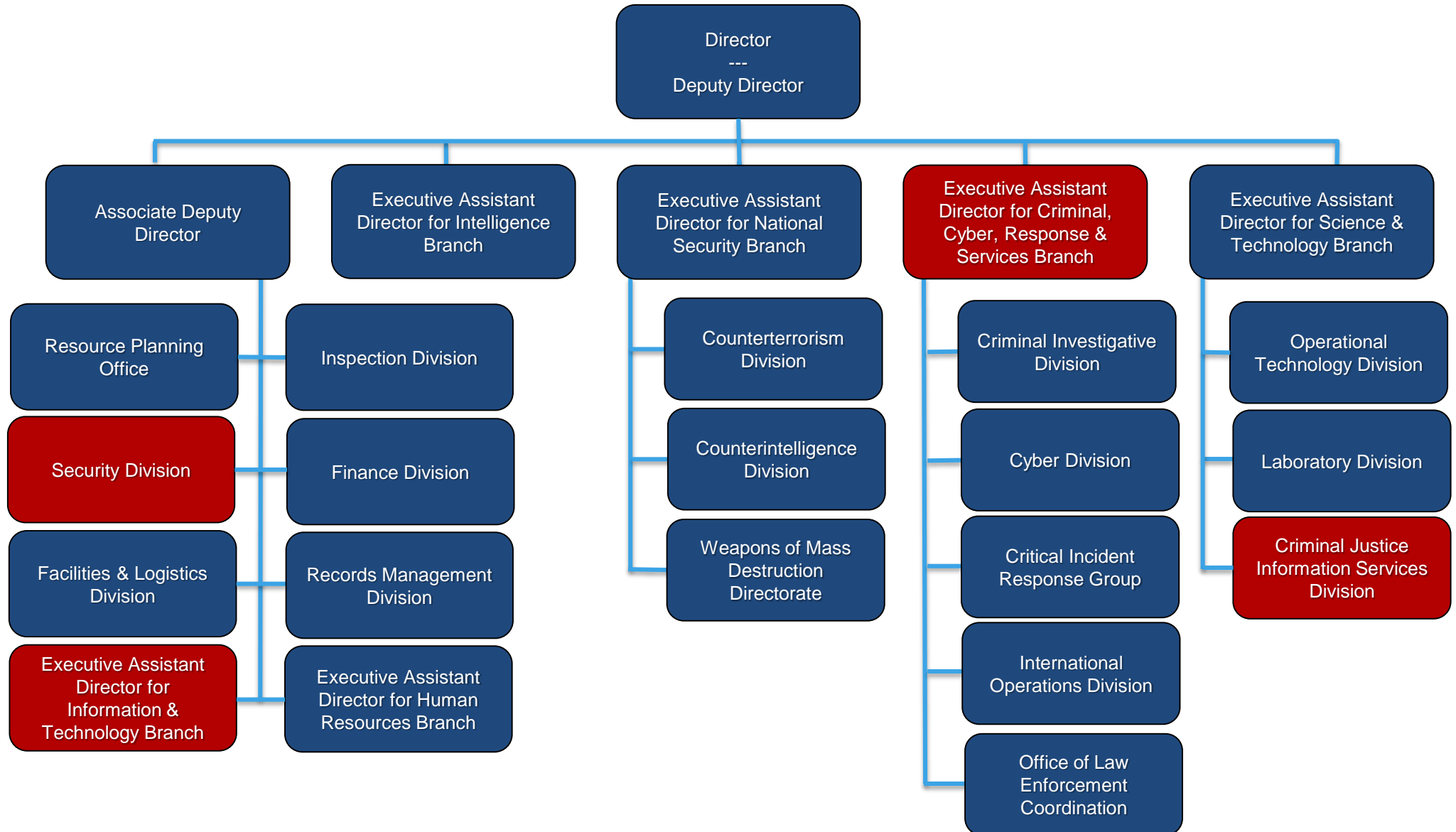
Records Management Policy

Debt Collection Management

Service Delivery



Federal Bureau of Investigation Organization





FBI – National Data Exchange Program



National Data Exchange (N-DEX) is an investigative information-sharing system that provides local, state, tribal, and federal criminal justice agencies with a mechanism for searching, linking, analyzing, sharing, and collaborating on criminal justice information.



STATUS

- FY15 saw N-Dex begin an 18-month enhancement project awarded to SAVA
- FY16 efforts include expansion and connection with additional law enforcement systems and continued ingest improvements, system performance enhancements, and tech refreshes



REQUIREMENTS

- Cloud Management
- Network Management
- Information Sharing
- Data Management
- Web Portals
- Application Development



FUNDING SUMMARY (\$M)

	FY15	FY16
DME	9.5	0.2
SS	18.2	24.9



CONTRACTORS

- SAVA Workforce Solutions
- Celerity Government Solutions
- Mantech



JMD – Unified Financial Management System



UFMS delivers an integrated, secure solution to replace four core accounting and multiple procurement systems using a Commercial Off-The-Shelf (COTS) product.



STATUS

- UFMS continues migration of legacy system users to the upgraded system



REQUIREMENTS

- Financial Management
- Application Lifecycle Maintenance
- Databases
- Data Management
- Information Sharing
- Storage



FUNDING SUMMARY (\$M)

	FY15	FY16
DME	17.6	18.6
SS	32.8	35.5

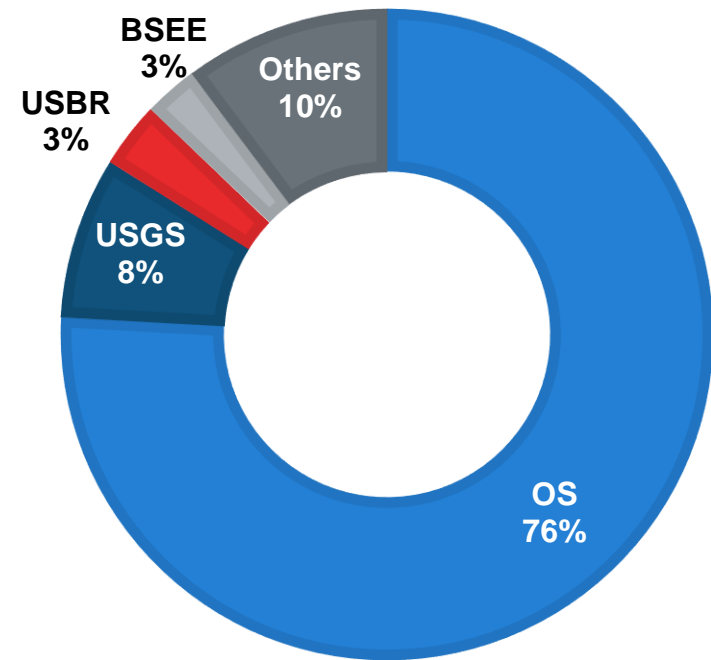
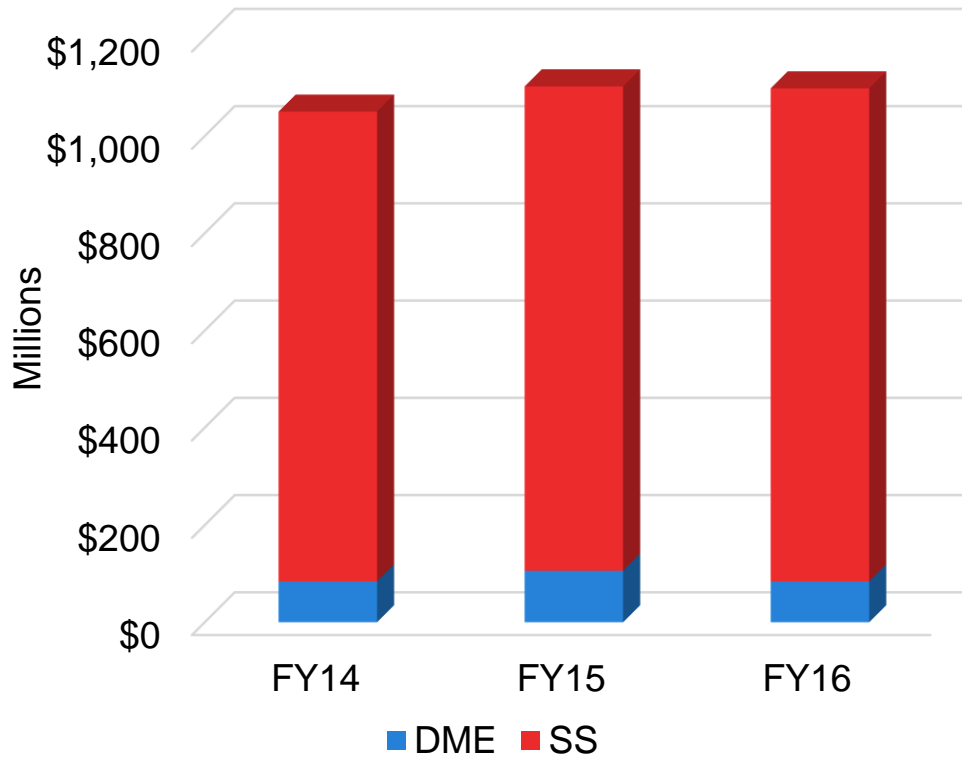


CONTRACTORS

- IBM
- SRA
- Grant Thornton



FY16 Discretionary Budget: **\$13.0B** | FY16 IT Budget: **\$1.1B**

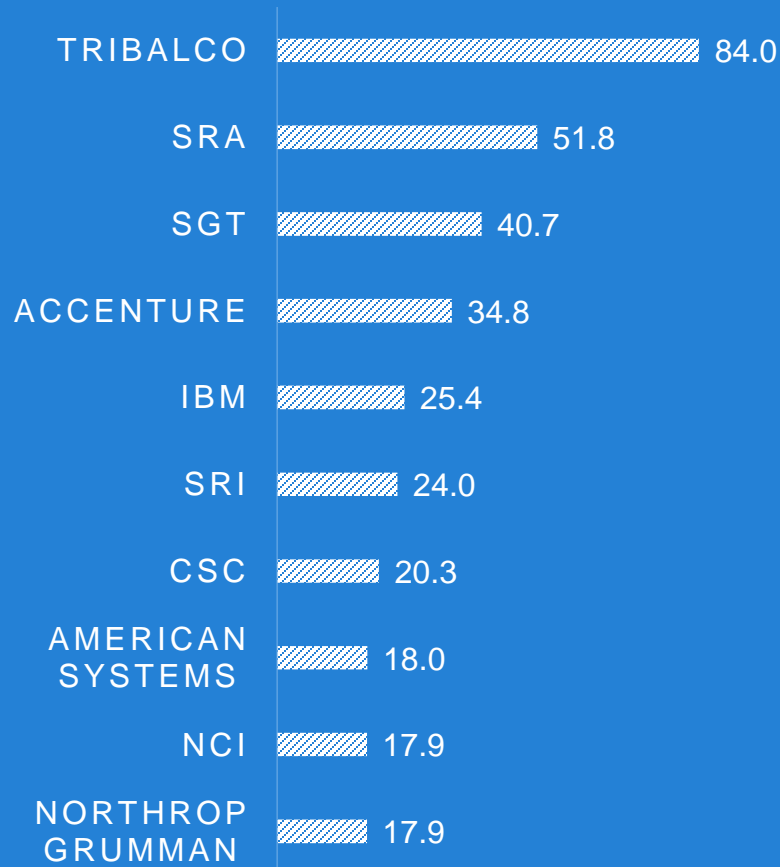




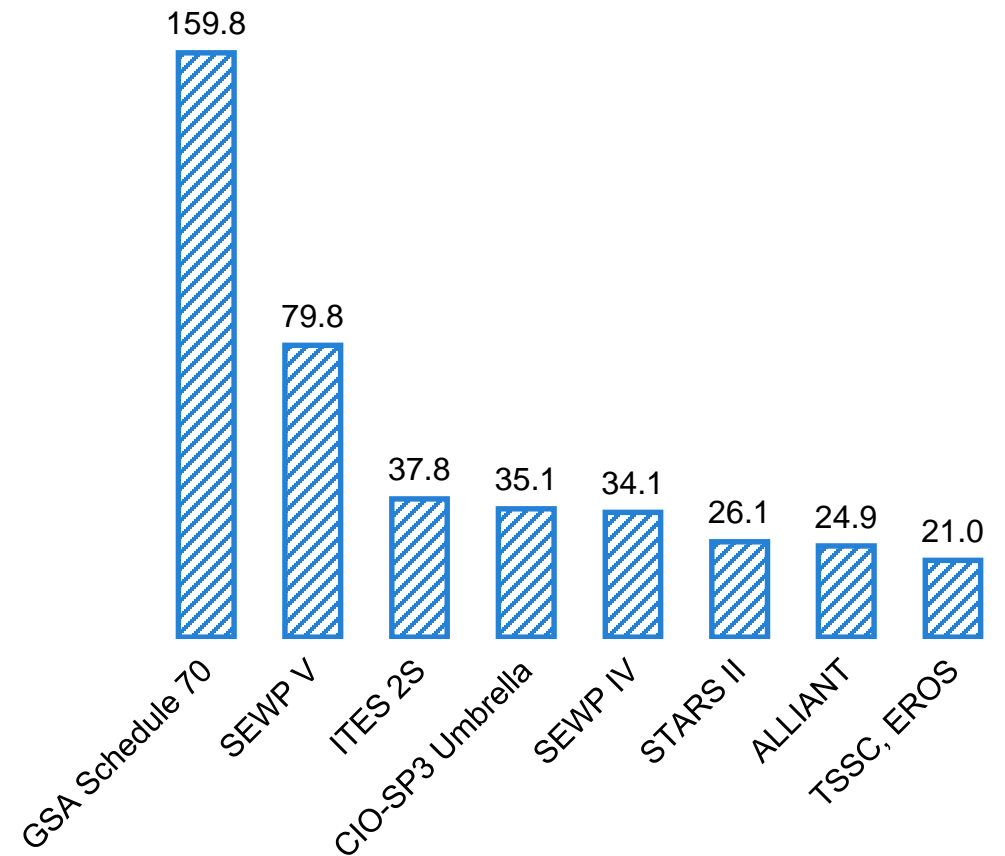
DOI Top IT Contractors and Contract Vehicles



FY15 TOP CONTRACTORS (\$M)



FY15 TOP CONTRACTS/VEHICLES (\$M)





DOI Trends and Drivers



Acquisition

- HQ OCIO and Interior Business Center (IBC) centralize management of IT contracting across department
- IBC continues to expand contracting as a service for other federal agency customers



Management

- Bureau IT organizations continue to be streamlined as HQ OCIO assumes larger share of budget
- IBC continues to provide HR and financial management services to all DOI bureaus; federal customer base continues to expand

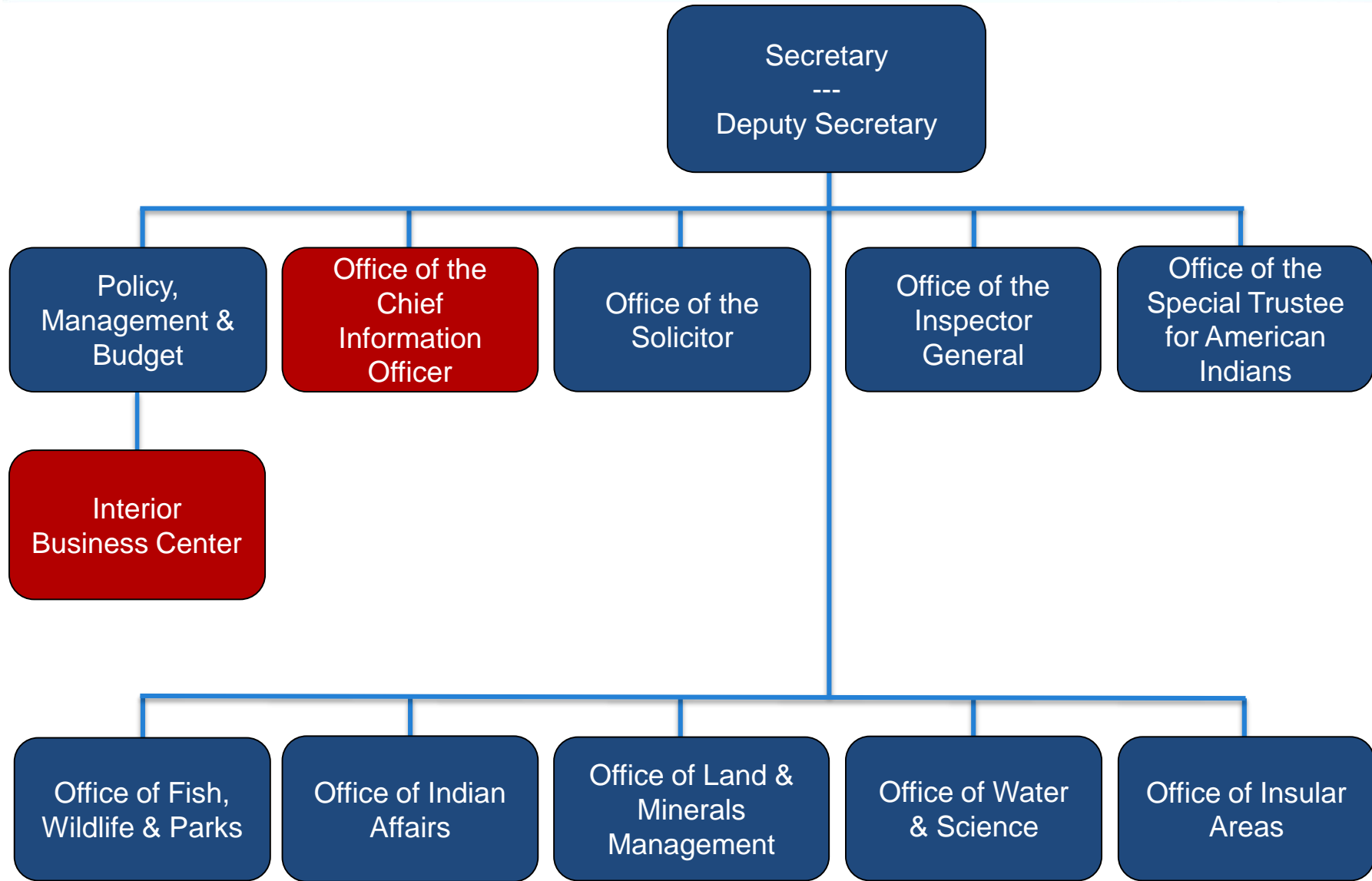


Technology

- Department close to finishing data center consolidation at HQ data center facility
- Department looking to standardize on one solution for mobile device security

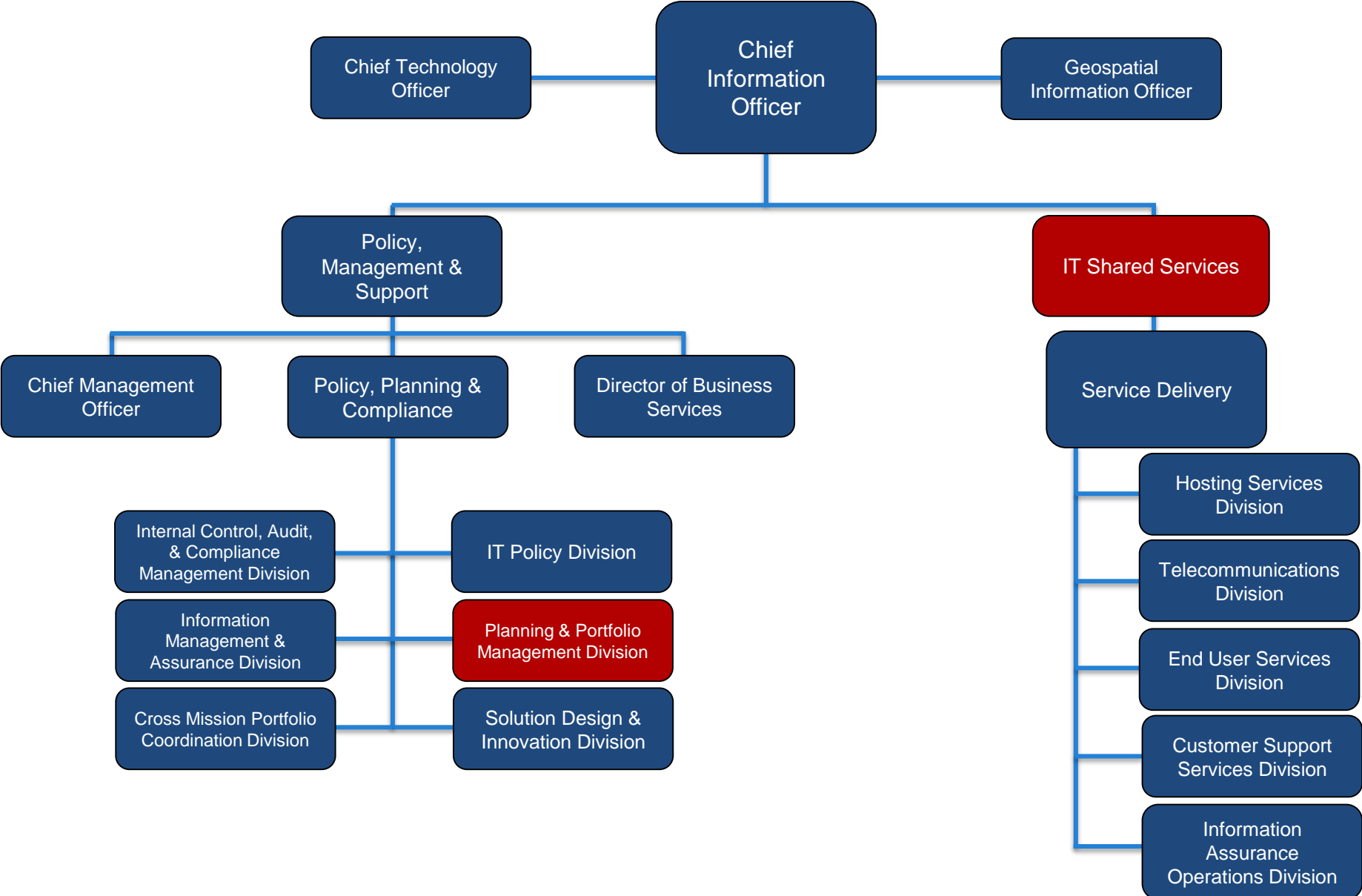


Department of the Interior Organization



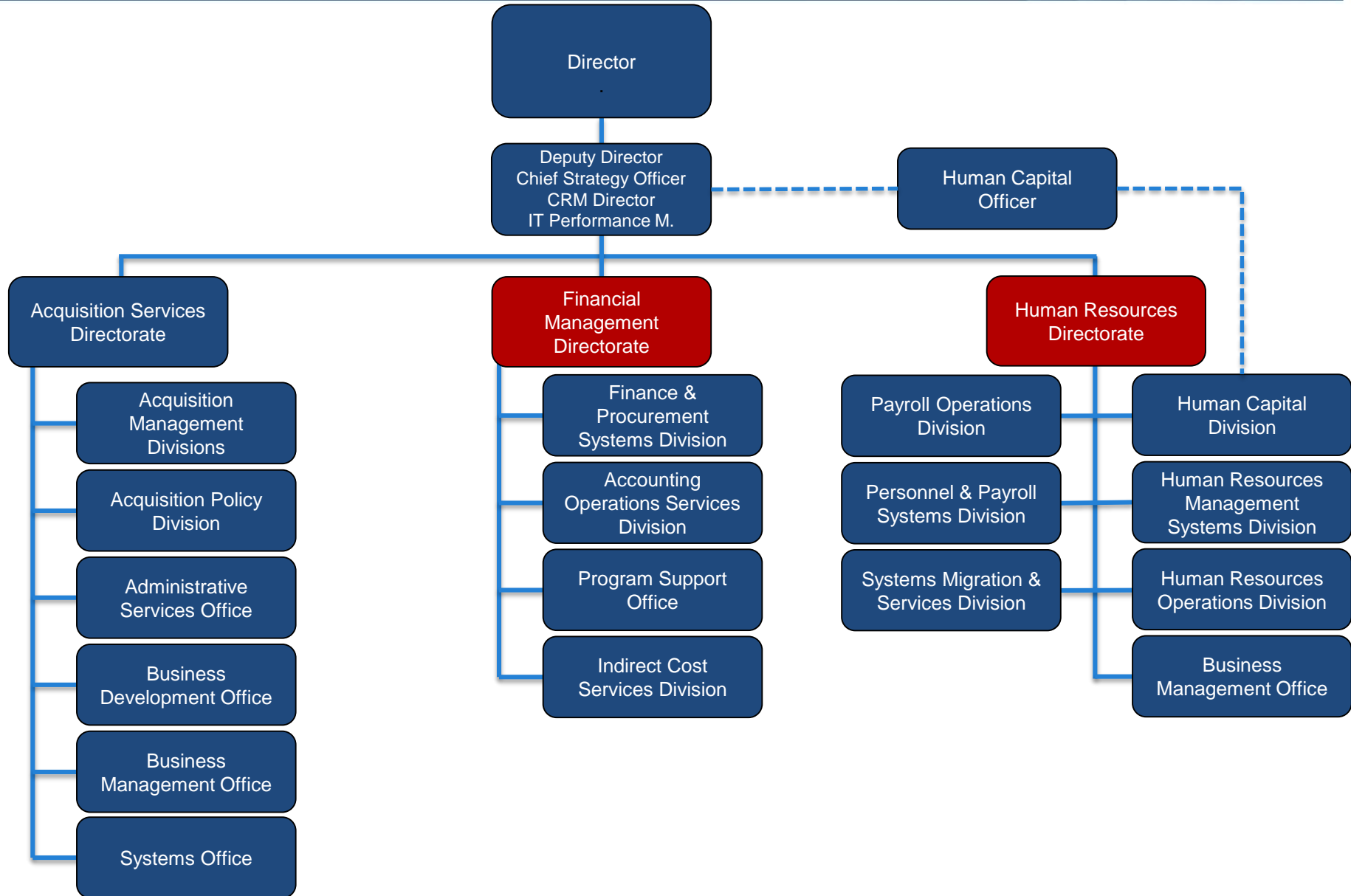


DOI Office of the Chief Information Officer Organization





DOI Interior Business Center Organization





DOI – Infrastructure Telecommunications



Maintain and optimize Enterprise Services Network, increase performance, enhance security and reliability while reducing complexity and redundancy. Enable Bureaus to consolidate circuits. Includes consolidation of DOI's wireless communications.



STATUS

- Will complete the migration of the remaining bureaus to the optimized network in FY16
- Will continue meeting network uptime targets



REQUIREMENTS

- Application Integration / Rationalization
- Service Oriented Architecture (SOA)
- Data Integration
- Enterprise Architecture
- Telecommunications
- Information Security / Assurance / Cybersecurity



FUNDING SUMMARY (\$M)

	FY15	FY16
DME	42.0	20.6
SS	218.1	220.0



CONTRACTORS

- Dynanet
- Northrop Grumman
- Tribalco



DOI – Infrastructure End User Support



Includes hardware, peripherals and software employed directly by end users and for the services to maintain those end user devices. DME activities include consolidating DOI email services into one Unified Messaging system. Benefits all of DOI.



STATUS

- In FY16, will continue to implement a department-wide email and collaboration system and will continue to migrate bureau email systems to department level
- Will also continue to identify tools for the DOI Apps Store



REQUIREMENTS

- Application Integration / Rationalization
- Data Centers & Servers
- Telecommunications
- Mobility
- Mobile Device Security
- Physical Security
- Identity & Access Management (IAM)
- Network Security



FUNDING SUMMARY (\$M)

	FY15	FY16
DME	5.8	5.8
SS	199.0	204.2



CONTRACTORS

- Abacus Technology
- Northrop Grumman

- **Centralization of contracts and continued reliance on systems integrators makes a robust channel more critical than ever**
- **New realities in federal IT management create a shifting sales landscape for COTS manufacturers**
- **Open standards and increasing adoption of cloud create greater demand for interoperable, “silo-free” technology stacks**





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