



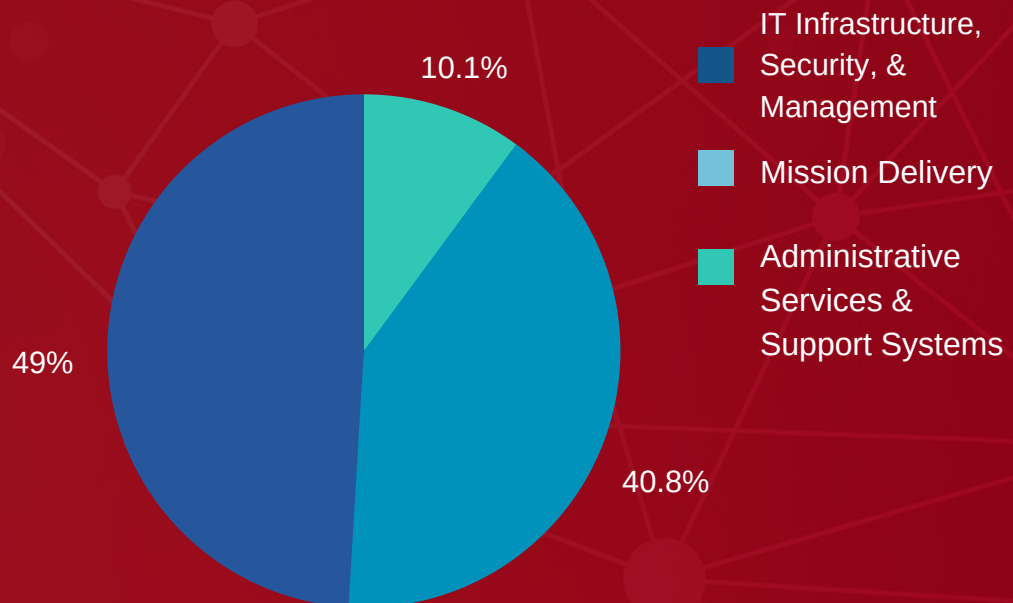
The FY 2019 Federal Budget At-A-Glance

# Government Process Automation Priorities & Strategic Objectives

As budgets shrink and public demand for services swells, the pressure on government agencies to deliver more with less has never been more intense. In an effort to confront this challenge, Cap Goal #6 of the President's Management Agenda, "Shifting From Low-Value To High-Value Work," emphasizes the use of RPA and other business process automation tools to reduce the burden of low-value activities and redirect resources to accomplishing mission outcomes that matter most to citizens.

In this infographic, we provide a run down of which government agencies are expected to invest in new back-office transformation solutions in 2019 and how leading-edge organizations are already testing, deploying and reaping the benefits of next generation tools such as RPA, blockchain and artificial intelligence.

**\$45.775 BILLION**  
TOTAL FEDERAL IT  
SPENDING



# FY2019 Budget Highlights

Upcoming Business Transformation Projects, Initiatives & Strategic Investments

## Department of Homeland Security



**\$6.8  
BILLION**

**TOTAL IT BUDGET**

## Financial Systems Modernization



This funding provides support to migrate DHS Components to a financial system that will improve systematic internal controls, audit sustainability, and the ability to effectively and efficiently process and report accurate financial data.

**\$39M**



Under EFIMS, DHS is seeking an integrated financial, procurement, and asset management commercial off the shelf (COTS) software solution. DHS defines solution as a set of software products that provide a fully automated and integrated or interfaced financial management system including all products required for the successful installation, configuration, management, operation and support of the system regardless of pricing strategy or approach.



## Human Resource Information Technology (HRIT)

This new HRIT will deliver capabilities for 10 strategic improvement initiatives, including automation capabilities for organization and position management, talent acquisition management, talent development and training, employee performance management, administrative grievances, labor management relations, and workforce performance analytics.

**\$8.8M**

# Department of Veteran Affairs

TOTAL IT BUDGET

\$4.3  
BILLION



## Legacy Systems Modernization

\$381M

In 2019, the VA will continue working to replace specific mission critical legacy systems, such as the Benefits Delivery Network (BDN) and Electronic Health Records (HER), as well as to support infrastructure modernization.

## Financial Management Business Transformation



The FY 2019 Budget requests \$72.8 million in Information Technology funds and \$48.8 million in fair share reimbursable funding from the Administrations to replace the aging financial system architecture. Financial Management Business

Transformation (FMBT) across the Department will provide VA with a modern financial management solution with transformative business processes and capabilities. This will increase the transparency, accuracy, timeliness, and reliability of financial information, resulting in improved fiscal accountability.

\$120M

# General Services Administration (GSA)



**\$666.7  
BILLION**

**TOTAL IT BUDGET**

## GSA IT Transformation Projects



### GSA IT Transformation Projects

The Office of GSA Information Technology (GSA IT) requested \$11.9 million to fund various transformational projects such as:

- Management & Administration & PBS laptop refreshes to implement a four-year refresh cycle
- Infrastructure modernization to upgrade circuits across the US
- Enterprise Document Management System (EDMS)
- Cybersecurity Executive Order implementation
- GSA's Virtual Private Network (VPN) replacement
- Continuous Diagnostics & Mitigation

**\$11.9M**



## HR Links System

The Office of Human Resource Management requested \$4.7 million to fund Operations & Maintenance (O&M) support to the new HR Links system that will complete the migration to IBM's Human Resource (HR) and Time Attendance (T&A) Systems.

**\$4.7M**

## Payroll and Budget Support Tools



The OCFO may submit a \$1 million request for automated tools to improve the payroll projection process and for a budget support tool, along with tools and systems to meet Department of Treasury and other financial management mandates.

**\$1M**

# GSA Initiatives



## Technology Modernization Fund

**\$210M**

Authorized by the Modernizing Government Technology Act of 2017, the TMF is an innovative funding vehicle that gives agencies additional ways to deliver services to the American public more quickly, better secure sensitive systems and data, and use taxpayer dollars more efficiently.

Most recently, funding was awarded to:

### Application Modernization Integrating Flexible Architecture

Total (TMF) Award Amount:  
\$14,997,667.00

With this new funding GSA will 1) conduct a pilot for full stack application modernizations and 2) to transform a number of GSA systems that are on legacy proprietary software to open source technologies. This transformation will simplify integrations with other systems; enable greater agility, resiliency, scalability, and performance; allow GSA greater flexibility in recruiting talent; and in the long term, lower the cost of operations and improve the quality of the applications.

### Infrastructure Optimization and Cloud Adoption

Total TMF Award Amount:  
\$5,000,000.00

The infrastructure optimization and cloud adoption project represents the beginning of cloud-enablement across USDA, migrating existing applications to the cloud and consolidating cloud expertise so that it can be leveraged enterprise-wide.

## RPA Playbook

The General Services Administration is working on an internal playbook for developing robotic process automation bots within GSA and plans to begin work in 2019 to create a similar, more general, document for government-wide use. <https://fcw.com/articles/2019/01/02/outlook-rpa-prime-time.aspx>



On February 4, 2019, GSA released a draft request for quotations for the Defense Enterprise Office Solution (DEOS) procurement. The program is valued at up to \$8 billion over 10 years and will be a single-award firm-fixed-price blanket purchase agreement. On February 4, 2019, GSA also released a draft RFP for \$200M modernization BPA.

# Health and Human Services (HHS)



**\$5.5  
BILLION**

**TOTAL IT BUDGET**

## 2019 HHS Initiatives

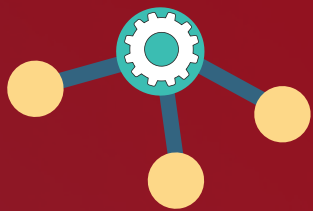
### Reimagine HHS Initiatives

Reimagine HHS aims to make acquisition more efficient by leveraging AI, automation and blockchain technologies in collaboration to craft a series of microservices that use procurement data to find cost savings, design better contracts and slash buying time. The target is to trim the average acquisition's lifecycle down from 200 days to just 90 and provide enterprise-wide visibility into a spending process that operates across the federated agency

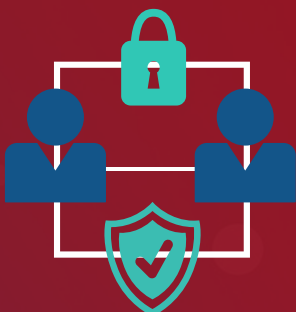
### *Recent Developments and Updates*



On January 7, 2019, the HHS issued an RFP for Intelligent Automation/Artificial Intelligence (IAAI) solutions, services and products IDIQ. The purpose of this indefinite delivery/indefinite quantity (IDIQ) contract is to enable PSC Contracting Officers to order for HHS or on behalf of other agencies to quickly obtain Intelligent Automation/Artificial Intelligence (IAAI) related solutions, services and products.



In December 2018, CollabraLink Technologies, Inc. (CollabraLink), a leading Digital Services provider for the Federal government, was awarded a multi-year contract by the Department of Health & Human Services (HHS) Program Service Center (PSC) to lead digital transformation efforts. Under this contract, CollabraLink will apply its capabilities in human-centered design and Agile software development to streamline and automate key budget & financial management activities for the PSC Business Office (PBO).



The Department of Health and Human Services' blockchain-powered acquisition system received its Authority to Operate on Dec. 10, 2018. HHS Accelerate, which uses distributed-ledger technology, machine learning and artificial intelligence to deliver real-time information on pricing and terms and conditions from across HHS, can now go into production with live data.

# The Tracking Accountability in Government Grants System (TAGGS)

In October 2018, HHS revealed they are now using AI tools from Salesforce to do trend analysis in its Tracking and Accountability of Government Grants system, which houses over 20 years of HHS grant-award program data. The AI can also take other inputs -- including programmatic data or reporting from organizations receiving grants -- and perform predictive analytics.

## Department of Transportation

TOTAL IT BUDGET

\$3.3  
BILLION



\$2M

### Financial Management Capital

\$2 million is requested for implementation of the electronic authentication solution to enable vendors to electronically certify and register for access to the eInvoicing system. By extending these capabilities to the vendor community, we will eliminate current manual processes and reduce costs, increase timeliness of payments, and improve data quality.

### Recent Developments and Updates



In 2018, DOT announced their plan to implement a shared services model for delivering its acquisitions, human resources, and information technology functions. DOT is taking steps to consolidate similar work that is currently being performed throughout the modal Operating Administrations and the Office of the Secretary. This will streamline management and ensure policies and practices are applied consistently throughout the Department. Further, it provides opportunities to procure goods and services on a larger, more strategic scale, which should increase the value to the Government

# The Federal Government is embracing RPA.....

Below are just a few examples of how the government agencies are developing next generation tools such as RPA, blockchain and cognitive technology.

## NASA

NASA was the first agency in the Federal government to implement RPA, and today NSSC has three bots in production, running nine processes. The NSSC's first bot, named Washington, performs funds distribution work for the NSSC. Since then, NASA has also built bots to:

- automate some of the suitability review procedures for non-government employees applying for federal jobs
- create IT procurements requests
- help manage grant applications

## Department of Treasury

In 2017, the Treasury Department's Bureau of the Fiscal Service started experimenting with blockchain and robotic process automation to improve agency practices.

- In an internal eight-month pilot project, FIT developed robotic process automation activities to speed financial processes for entering data, scraping email, reconciling information between systems and validating forms.
- The Office of Financial Innovation and Transformation is currently using blockchain technology to better track agency-owned physical assets like computers, phones and more

## DARPA

In a request for information posted Jan. 23, 2019 DARPA said it wants information on off-the-shelf options for robotic and intelligent process automation tools that can increase efficiency and expand its ability to manage routine administrative tasks such as proposal evaluation, market research, cost and price analysis and documentation related to price negotiations.

DARPA is also considering integrating robotic process automation into Defense Department IT systems, including the System for Award Management, Contractor Performance Assessment Reporting System and the Standard Performance System/Procurement Desktop-Defense.

## DISA

In 2017, DISA piloted a few bots that automated different steps in the audit process. It celebrated the pilot's conclusion with a human-vs-bot race to pull documents required for an audit. In 15 minutes, the human pulled two items, while the bot pulled 150.



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Deputy CIO, Office of the Chief Information  
Officer

U.S. Small Business Administration



**Pamela Wolfe**

Chief, Enterprise Services Division

NASA



**Bill Pratt**

Director of Strategic Technology  
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Director, Operations Support Division,  
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