



Federal Information Technology **Doing More with Less Through Strategic Investments**

Steven VanRoekel

U. S. Chief Information Officer

whitehouse.gov

cio.gov





IT Reform: One-Year Deliverables

	IT Reform Deliverable	Delivered	On Track	Behind Schedule
1.	Complete implementation plans to shut down 800 data centers by 2015	●		
3.	Shift to a Cloud First policy	●		
4.	Stand-up contract vehicles for secure IaaS solutions	●		
5.	Stand-up contract vehicles for Commodity IT services			●
6.	Develop a shared services strategy		●	
7.	Design a formal IT program management career path	●		
9.	Require Integrated Program Teams	●		
10.	Launch a best practices collaboration platform	●		
11.	Launch a Technology Fellows Program	●		
13.	Design and develop cadre of specialized IT acquisition professionals	●		
14.	Identify IT acquisition best practices and adopt government-wide	●		
15.	Issue contracting guidance and templates to support modular development		●	
17.	Work with Congress to create IT budget models that align with modular development			●
18.	Develop supporting materials and guidance for flexible IT budget models	●		
19.	Work with Congress to scale flexible IT budget models more broadly		●	
20.	Work with Congress to consolidate Commodity IT spending under Agency CIO			●
21.	Review and strengthen investment review boards	●		
22.	Redefine role of Agency CIOs and Federal CIO Council	●		
24.	Launch “myth-busters” education campaign	●		
25.	Launch an interactive platform for pre-RFP agency-industry collaboration	●		





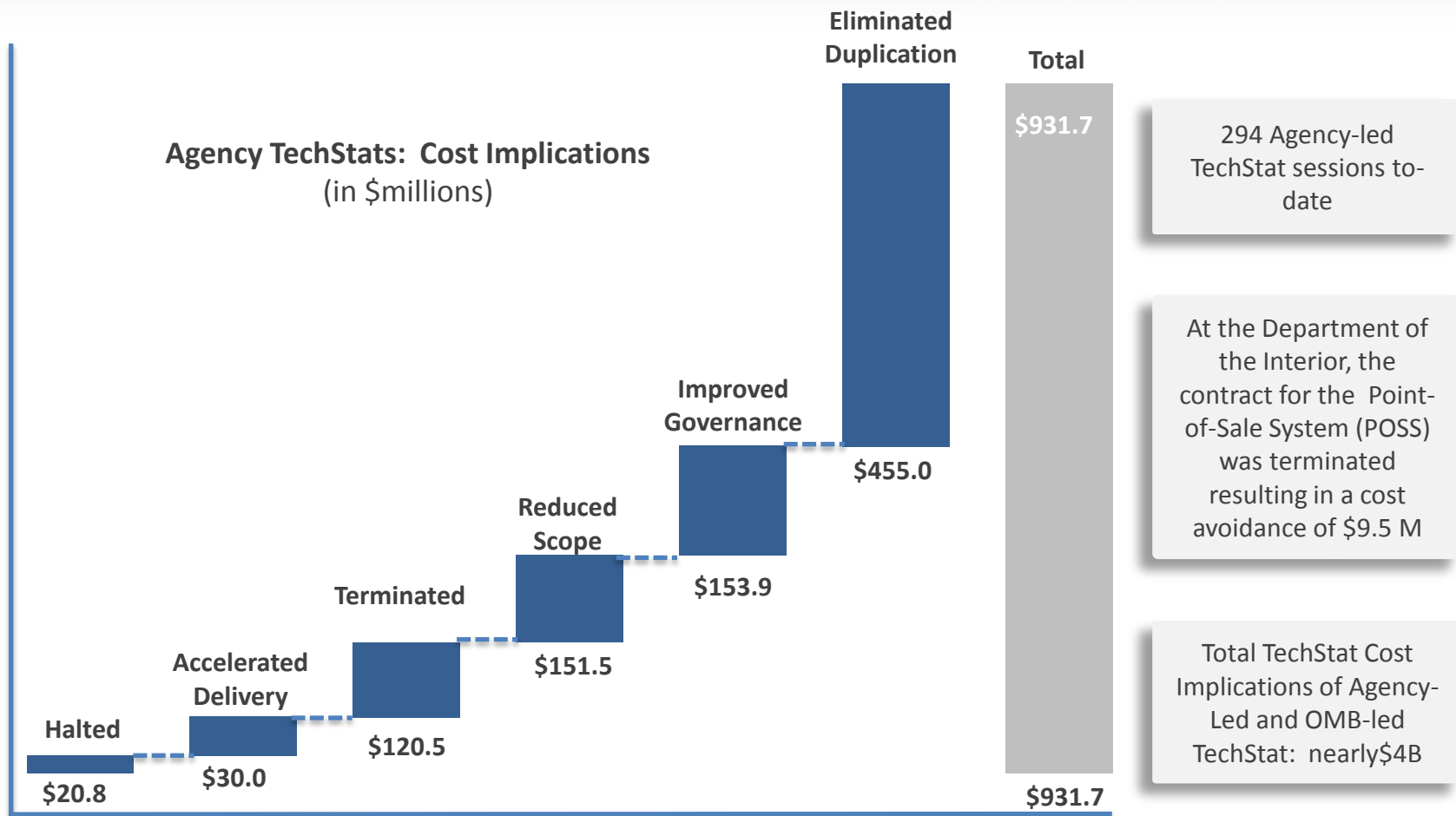
IT Reform: Challenges to Date

- **IT Reform #5 – Stand-up contract vehicles for Commodity IT services**
 - Email as a Service (EaaS)
 - GSA RFQ re-released on November 21, 2011, revised to address issues identified in vendor protests
 - Award expected spring 2012
- **IT Reform #17 – Work with Congress to create IT budget models that align with modular development**
 - Investigated agency needs and legal frameworks to determine where additional flexibilities are needed
 - 1/3 of 24 agencies indicated a change in law affecting the period of availability of funding (e.g., more than 1-year funding), or providing enhanced authorities in a revolving fund, would improve the CIO's ability to manage IT expenditures
 - Recommended to the CIOC agencies a path to achieving more flexible models
- **IT Reform #20 – Work with Congress to consolidate Commodity IT spending under Agency CIO**
 - Issued M-11-29, which requires Agencies to consolidate Commodity IT spending under CIO
 - Continuing to discuss implementation with Agencies and Congress





Agency TechStat: Announcing Nearly \$1B in Cost Implications



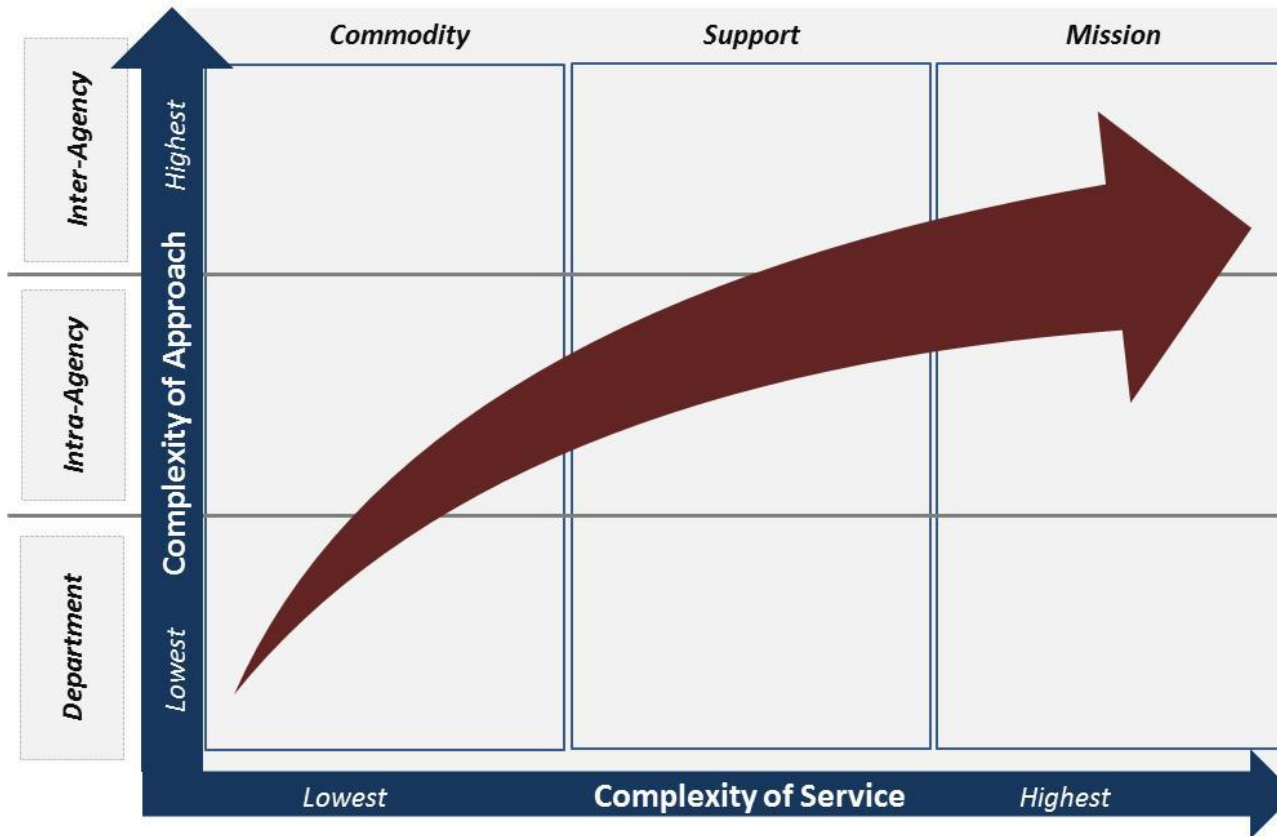
*TechStat data as of November 2011





Shared Services Strategy: Draft Plan Released Today

Shared First Rollout: Strategic Framework



Upcoming Milestones

March 2012

- Assess the current state of Shared Services
- Identify two Commodity IT areas
- Incorporate current and future shared service areas into EA transition plans

May 2012

- Develop Roadmap to improve quality and uptake





Cloud First Results: Agencies Migrating Services

- Agencies identified 79 services for transition to the cloud by June 2012
 - 40 services migrated to the cloud to-date
 - Cloud migrations resulted in added functionality
 - Creation of 6 new services
 - 50+ legacy systems eliminated
- Additional benefits include service improvement, improved agility and scalability, collaboration, enhanced sustainability and innovation





Cloud First: Agency Successes

Agency	Cloud Service	Doing More...	... with Less
	EPA Internet Security Services	- Improved identification of and response to cyber threats and attacks - Tripled bandwidth for internet connections to support mission requirements	Reduced cost-per-MB from \$179 to \$83
	Air Force Customer Relationship Management Services	- Improved response time from 2-4 minutes to 2-4 seconds - Reduced call center volume by 23%, through better service responses - Tripled system capacity for queries	\$12 M savings
	Health and Human Services (FDA) MedWatch+	- Eliminated two costly legacy systems - Improved analysis of drug side effects now taking place in a cloud environment	\$1 M in savings - Reduced hosting costs by 87%
	Treasury (BEP) Business Process Management Services	- Established a new infrastructure for state of the art manufacturing services - Enabled BEP's implementation of Treasury's Internet Payment Platform	\$1-2 M annual savings - Eliminated 20 legacy systems

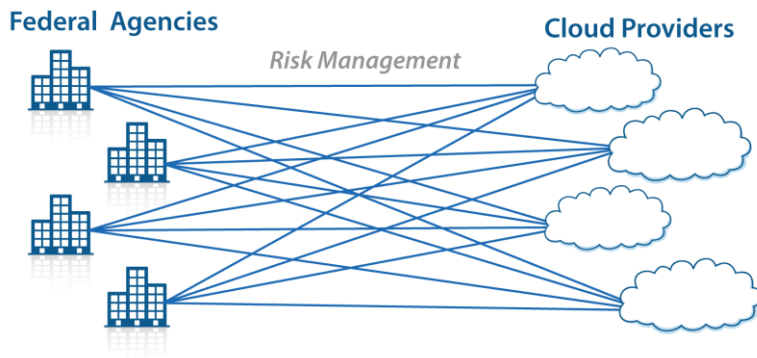




Launching FedRAMP

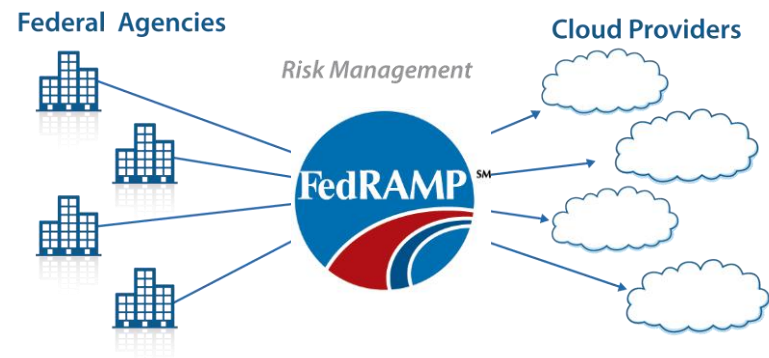
Problem (Status Quo)

- A duplicative, inconsistent, time consuming, costly, and inefficient cloud security risk management
- No mechanism to leverage existing Authorizations to Operate (ATOs)



Solution (FedRAMP)

- Unified risk management approach
- Uniform set of approved, minimum security controls (FISMA Low and Moderate Impact)
- Consistent assessment process
- Provisional ATO





What's Next?

IT Reform – 18 Month Deliverables

IT Reform Deliverable		12-18 Months
2.	Create a government-wide marketplace for data center availability	●
8.	Scale IT program management career path	●
12.	Enable IT program manager mobility across government and industry	●
16.	Reduce barriers to entry for small innovative technology companies	●
23.	Rollout “TechStat” model at the bureau level	●





Steven VanRoekel

U. S. Chief Information Officer

whitehouse.gov

cio.gov

