

GSA's Technology Transformation Service

Technology Industry Day



Hashtag: #GSATech

Wi-Fi: GSA-Guest

Password: 123GoGS@



Welcome!

Lisa Schlosser

Acting CIO, Office of Personnel Management



Pillars of Innovation

Denise Turner Roth

Administrator, GSA



Tech Leadership

Denise Roth

David Shive

Mary Davie

Aaron Snow

Navin Vembar

Moderator, Lisa Schlosser

Lightning Talks

Agile BPA

**Dave Zvenyach, 18F
Paul Summers, TrueTandem**



Let vendors **show**, not tell.

- **Work in the open from day one.**
- **Deliver value to users based on validated user needs.**
- **Empower cross-functional teams, with government and industry together.**

Paul Summers - Director at TrueTandem

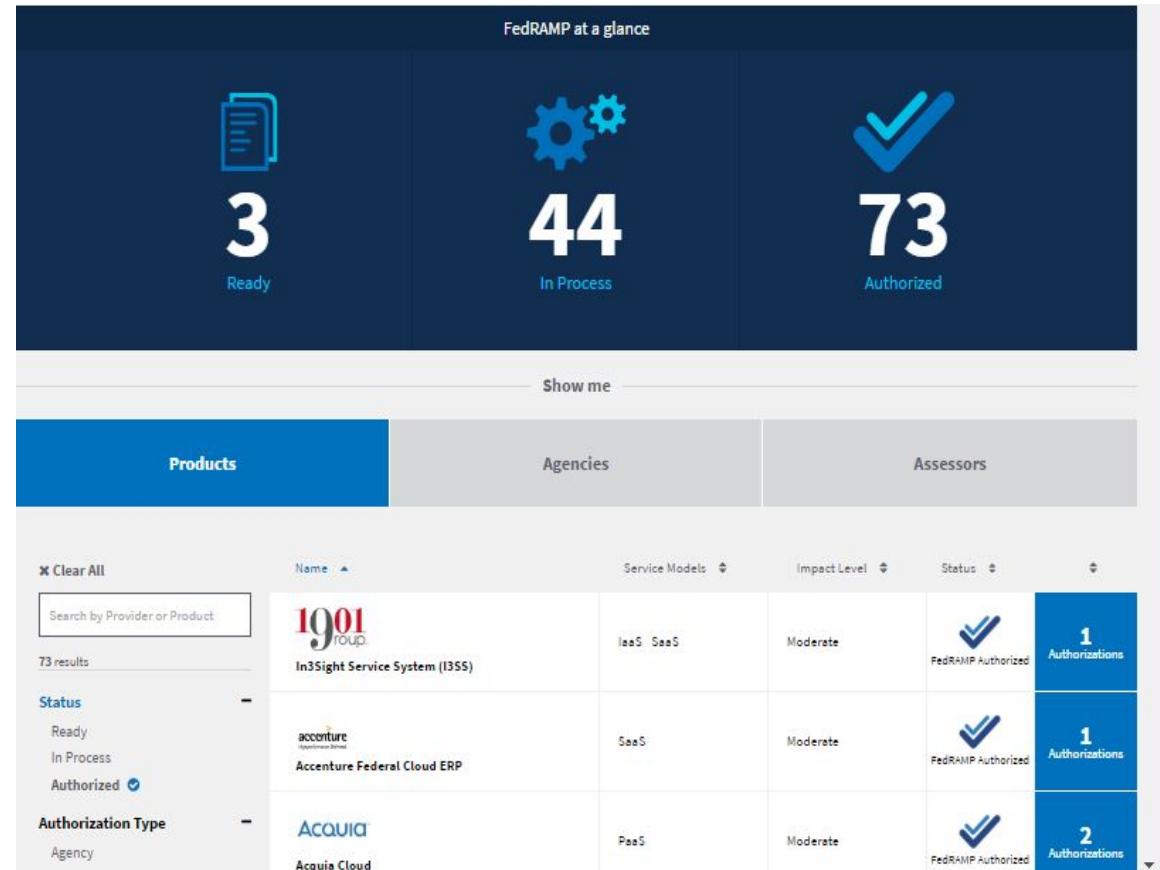
FedRAMP Dashboard

- First order awarded on Agile BPA.
- Provide intuitive, data-driven, responsive dashboard prototype.
- Open development - GitHub repository.

User-Centered Design

Interviews and Personas

Rapid Prototyping



How **Agile** is supposed to work!

Exceptional program support and
commitment to success.

Flexible, decisive leadership.

Engaged user base.

Cloud.gov

Bret Mogilefsky, 18F



We buy and build agile...

**Now it's time to deploy it and
make it available**

A photograph of a rocket launching from a launch pad. In the foreground, a tall pole with two flags (the United States and another country's) stands on the left. A large crowd of people is gathered on the right, watching the launch. The rocket is visible in the center, rising through a large plume of white smoke and fire. The background shows a clear sky.

Shipping software isn't
rocket science



Is the launch checklist working?

The U.S. Government's Digital Launch Checklist

Records Management

Records Schedule

Privacy Act

Paperwork Reduction Act

Section 508 and Accessibility Standards

Federal Acquisition Regulation

Anti-deficiency Act

Economy Act

E-Government Act

Computer Matching Act

National Cyber Protection System

Guidance for Agency Use of Third-Party Websites and Applications

Social Media and Web-Based Interactive Technologies

Office of Management Budget Circular A-130 Appendix 3

Federal Information Security and Management Act

Federal Information Processing Standard (FIPS) 199

Federal Information Processing Standard (FIPS) 200

Federal Information Processing Standard (FIPS) 140-2

Special Publication 800-37

Special Publication 800-53 Revision 4

Special Publication 800-60 Volume 1

Special Publication 800-60 Volume 2

Special Publication 800-18
Special Publication 800-137
Special Publication 800-171
Special Publication 800-133
Special Publication 800-95
EINSTEIN Compliance
FedRAMP
OMB Guidance on third party websites and applications
OMB Memo M-14-04
OMB Memo M-15-01
OMB Memo M-16-19
Trusted Internet Connection 2.0 Reference Architecture

Pages in total:

4433



**My friend, you can *clearly*
see the intention of FIPS
140-2 Annex A was to
deprecate SHA-1 on the
lunar new year...**

MONTH

DAY

YEAR

00

86

8.888

DESTINATION TIME

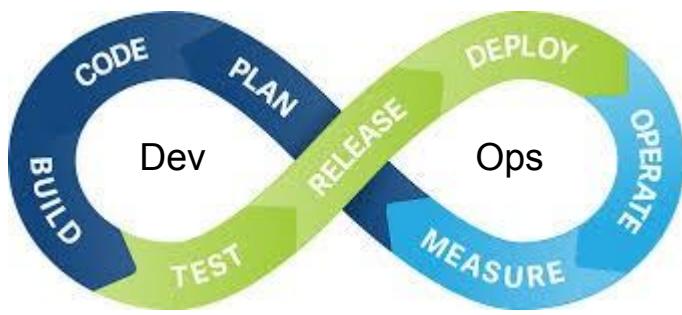
How long is this going to take?

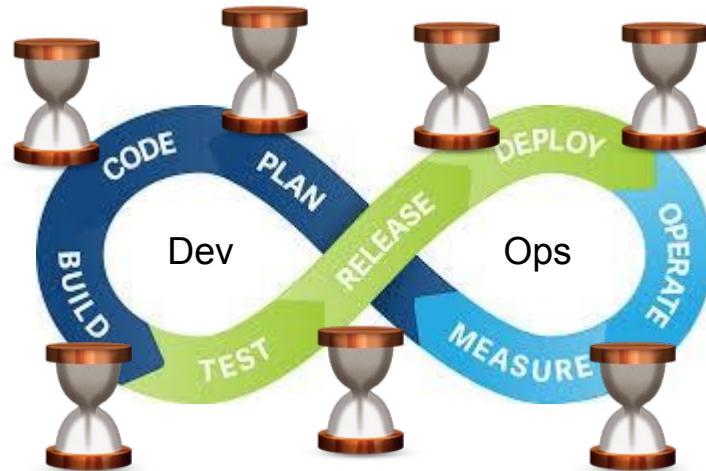
YEAR

6 - 14 months to ship



Speed is the new security.





**Time to disrupt infrastructure
and compliance in government.**

Build a platform

Automation

- Provisioning
- Configuration
- Infrastructure tests

Open Source

- Based on OSS
- Open Configuration
- Open Documentation
- No IaaS lock-in



CLOUD.GOV



The Government Innovation Platform

The open source cloud platform built
for the federal government.

Cloud deployment is better.
But that doesn't make it easy.

Build once

Shared Services

- Databases
- Logging
- Identity

Shared Compliance

- Machine-readable reusable documentation
- Automated scanning
- Consistent processes

ATO in minutes

Show what's possible

Composable documentation

Common architecture

Best practices included

Automated everything

Open the floodgates

- Fewer unknowns
- Lower barriers
- Better competition
- More deals
- Reduced risk
- Better services for the public

Accelerate provision to agency teams

- Common platform
- Single integration
- Service marketplace
- Self-service, brokered access

Become a FedRAMP CSP

- Study our compliance docs
- Fork our code
- Clone our service
- Add custom features/value

Status

- FedRAMP Ready → FedRAMP JAB P-ATO
 - Authorization target is end-December
- Get started on development now!
 - Free 1GB sandbox available to .gov and .mil
 - Access can be extended to invited vendors
- Use form on <https://cloud.gov> to register interest
- Mail cloud-gov-inquiries@gsa.gov for more info

Acquisition at TTS

Alla Seiffert, 18F

Cross-functional
team of COs,
engineers, designers,
(former) lawyers,
and PMs



Acquisition Services

Procurement

- Agile BPA
- Micro-purchasing
- CO collaboration

Consulting

- Discovery sprints
- RFP ghostwriting
- Product management

Micro-purchase

Increasing volume of orders.

Baking in agile.

Writing requirements for devs.

Low-risk experiments.

RFP Ghostwriting

Starting with discovery.
Using modular contracting.
Baking in agile.
Implementing client strategy.



We love government
procurement.

**Excited about
collaborating
with vendors in
brand new ways**



Implementing the **DATA Act**

Bryce Pippert, Booz Allen Hamilton



\$3,600,000,000,000

(approximate annual federal spending in 2015)



**Digital Accountability and Transparency Act
(DATA Act) of 2014 requires**

Standardizing

Connecting

Publishing

federal spending data
(appropriation, budget, obligation, outlays)

Implementation Complexities and Challenges

- **Large data sets** coming from dozens of source financial management and procurement systems
(some agency managed, some shared services)
 - Lack of data standards
 - Layers of spending information managed by different stakeholders
 - Multiple federal ERP and procurement solution vendors
 - Mandated need to have high quality data
 - Multiple stakeholder communities within each agencies
 - A new single point of accountability for agencies
 - Some subsets of the data are public today with varying degrees of reliability
- **Need for compliance** approach that works for all federal agencies
- **Legislatively-mandated timelines**
- **Diverse consumers of the data**
(press, public, oversight bodies, agency management, 3rd party resellers)



An opportunity to enable insights to transform government

Open and Agile Execution – Keys to Success



- Consistent and active **executive engagement**
- Evolving agile teams **dedicated to the mission** and vision
- **Focus on users** and usage -- engaged stakeholder community providing input along the journey
- **Data first** approach
- Providing **open source tool**, Data Broker, to help agencies meet their reporting requirements – and working directly with the existing software vendors who supply ERP and procurement solutions
- Acknowledgement of **data quality** challenges – analysis and communication of knowns and unknowns

A photograph of the United States Capitol building in Washington, D.C. The image shows the iconic dome and the surrounding neoclassical architecture of the Senate and House wings. In the foreground, the large, shallow reflecting pool in front of the building is visible, its surface mirroring the golden light of the setting or rising sun. The sky is a clear, pale blue.

Coming in May 2017

A new perspective on our spending

Login.gov

Joel Minton, USDS/18F



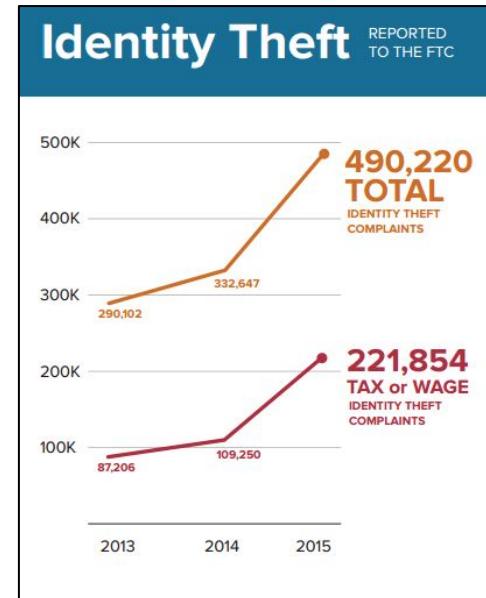
We strive to protect the
data of millions of
Americans with easy to
use software.



The Problem



**Identity theft is rising fast
and every online and offline
transaction needs to be
protected.**



Background - Policy, Laws, etc.



- H.R.2029 Consolidated Appropriations Act, 2016
- FACT SHEET: Cybersecurity National Action Plan
- Latest 800-63 Revision
- Executive Order 13681 -- Improving the Security of Consumer Financial Transactions
- EO 13681 Implementation Plan

A great deal of supporting policy mandates creating much stronger identity proofing, multifactor authentication, and a single sign on.

We need partnership from all



LOGIN.GOV

1

Private Industry

- Need great innovation from all of industry
- Looking for your leadership

2

Agencies

- Innovating with great user experiences
- Partnership from industry

3

Platform/Standards (NIST, OMB, GSA)

- Bridging disparate groups to allow platform to scale
- Providing agency support where necessary
- Adhering to best practices

More Information



Program Description

<https://login.gov>

Identity Playbook

<https://pages.18f.gov/identity-playbook/>

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- Introducing the program to the public and the federal agencies.
 - Iterating on our content to answer as many questions as we can prior to rolling out.
 - Helping agencies understand key components of identity management.
 - Stating the key principles for login.gov.
 - Creating a living playbook that can iterate and evolve as we move forward.

Agency Transformation

Stuart Drown, California Government Operations Agency

Renata Maziarz, U.S. Treasury

Lisa Schlosser, Office of Personnel Management





GSA

Agency Transformation

Renata Maziarz, U.S. Treasury

Lisa Schlosser, Office of Personnel Management

Listening Sessions

Ask Us

Ask Us

Three topics.

Three rooms.

Three 20-minute
Q&A sessions.

TTS for the Future
Acquisitions in Tech
TTS as a Proving Ground

Final thoughts

Aaron Snow

Deputy Commissioner, TTS
Executive Director, 18F









#GSATech

Thank You!



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Product Showcase

In the atrium

