

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

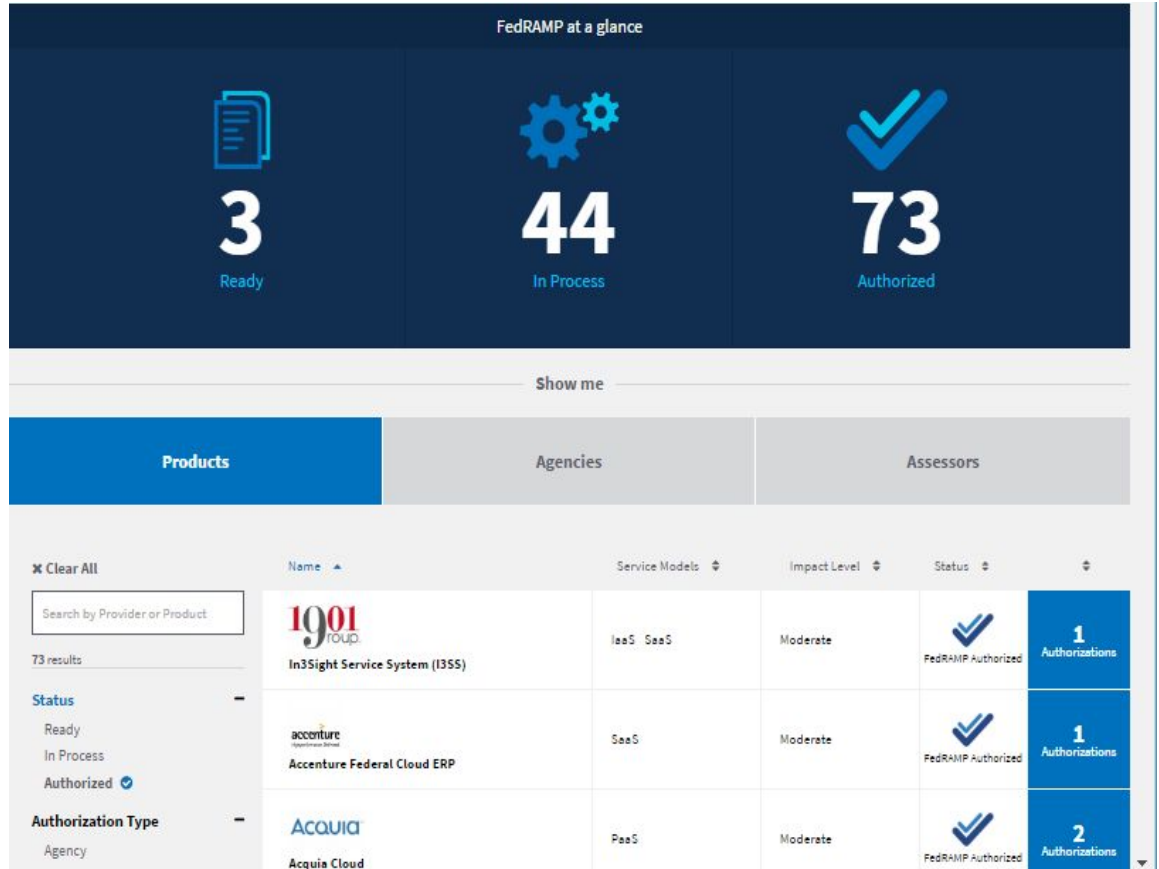
- **First order awarded on Agile BPA.**
- **Provide intuitive, data-driven, responsive dashboard prototype.**
- **Open development - GitHub repository.**

FedRAMP Dashboard

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**

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

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0000

DESTINATION TIME

How long is this going to take?

YEAR

0000

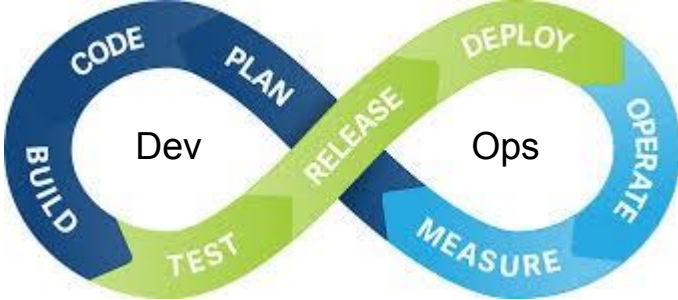
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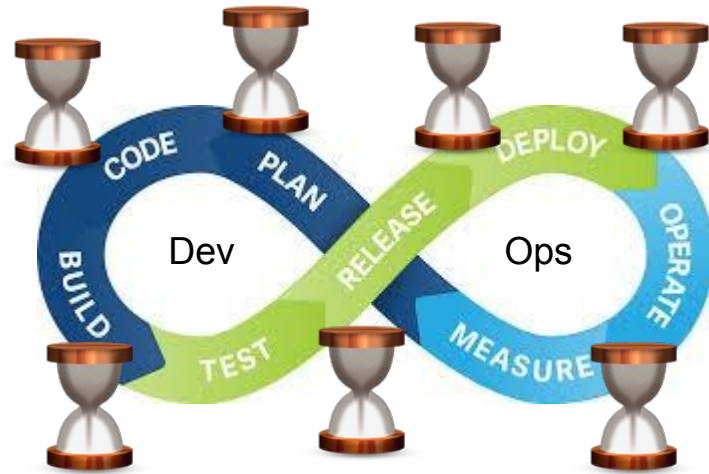
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6 - 14 months to ship



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)

U.S. TREASURY

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



DATA Act

BETTER DATA. BETTER DECISIONS.
BETTER GOVERNMENT.



- 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



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



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

Program Description

<https://login.gov>

- 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.

Identity Playbook

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

- 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





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!



#GSATech

Product Showcase

In the atrium

