GSA’s Technology Transformation Service

Technology Industry Day
Hashtag: #GSATech
Wi-Fi: GSA-Guest
Password: 123GoGS@
Pillars of Innovation

Denise Turner Roth
Administrator, GSA
Tech Leadership

Denise Roth
David Shive
Mary Davie

Aaron Snow
Navin Vembar
Moderator, Lisa Schlosser

GSA
Lightning Talks
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...
How long is this going to take?
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
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
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
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.
Identity theft is rising fast and every online and offline transaction needs to be protected.
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

Need great innovation from all of industry
Looking for your leadership
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