Five Innovations Shaping the Future

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The Physical Landscape

Most federal departments are the size and complexity of a Fortune 100 company

<table>
<thead>
<tr>
<th>FY2016 Outlays</th>
<th>FY2016 Revenue</th>
</tr>
</thead>
<tbody>
<tr>
<td>$200 B - $1,100 B</td>
<td>Walmart</td>
</tr>
<tr>
<td>$20 B - $200 B</td>
<td>ExxonMobil</td>
</tr>
<tr>
<td>$20 B - $200 B</td>
<td>USDA</td>
</tr>
<tr>
<td>$20 B - $200 B</td>
<td>GM</td>
</tr>
<tr>
<td>$20 B - $200 B</td>
<td>FedEx</td>
</tr>
</tbody>
</table>
The Policy Landscape

President’s Management Agenda (PMA)

Cross-agency Priority Goals:

- Data as strategic asset
- Improve the customer experience
- Share administrative services
- Shift from low-value to high-value work
- Get payments right
The Financial Management Vision

✓ Efficient steward
✓ Accurate data
✓ Customer service

FMVision.fiscal.treasury.gov
# The Innovation Landscape

<table>
<thead>
<tr>
<th>Standards &amp; common processes</th>
<th>Robotic process automation</th>
<th>Data analytics</th>
<th>Distributed ledger technology</th>
<th>Common authentication</th>
</tr>
</thead>
</table>

[FMVision.fiscal.treasury.gov](http://FMVision.fiscal.treasury.gov)
Standards & Common Processes

Challenge

- Duplicative processes & systems
- Inefficiency

Solution

- Economies-of-scale
- Uniform treatment
## Stored Value Card – Current and Future Portfolio

<table>
<thead>
<tr>
<th>Current Program Elements</th>
<th>Future Program Element</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EZpay</strong></td>
<td><strong>One-Card: EagleCash</strong></td>
</tr>
<tr>
<td>- Non-reloadable card issued and accepted at all U.S. Army, Air Force, Marine, and Navy Recruit Training sites as well as Air Force Officer Training and Academy</td>
<td>- The One-Card initiative is the future of the Stored Value Card (SVC) program with a single “One-Card” using Europay, MasterCard and Visa (EMV) technology used in open-loop, closed-loop, on-line, and off-line environments</td>
</tr>
<tr>
<td><strong>EagleCash</strong></td>
<td></td>
</tr>
<tr>
<td>- Re-loadable card issued to U.S. military personnel serving in designated overseas areas and small ships without a disbursing office</td>
<td></td>
</tr>
<tr>
<td><strong>Navy Cash</strong></td>
<td></td>
</tr>
<tr>
<td>- Re-loadable “hybrid” card (contains chip and mag-stripe); issued prior to deployment</td>
<td></td>
</tr>
<tr>
<td>- Ship store and vending machines equipped with chip acceptance devices; mag-stripe is used to access ATMs ashore and POS Debit networks ashore.</td>
<td></td>
</tr>
</tbody>
</table>
Robotic Process Automation (RPA)

Challenge

Solution

30% of processes
“highly automatable”

workload ↑

staff ↓
Data Analytics

**Challenge**
- Improper payments due to fraud

**Solution**
- Eligibility screening
- Pattern identification
Distributed Ledger Technology (DLT)

Challenge

Reconciliation of details to a central ledger

Solution

Real-time & efficient reconciliation
Common Approach to Identity Assurance (CAIA)

**Challenge**
- Inconsistent customer experience
- Multiple authentication systems

**Solution**
- Uniform customer experience
- Shared use system
Every day, millions of Americans have financial interactions with the federal government.

“The American citizen expects that:

1. the government is an efficient steward of its financial resources;

2. the financial information provided by the government is accurate;

3. their financial interactions with the government are modern, seamless and secure.”