



U.S. Department of the Treasury  
Office of the Chief Information Officer (OCIO)

## Booz | Allen | Hamilton Dashboards-as-a-Service (DaaS)



A modern technical solution for business analytics and reporting

# Treasury OCIO requested Booz Allen's expertise to develop a new service offering that supports self-service dashboard creation and empowers senior leaders to make transparent, value-based business decisions

## Treasury DaaS Foundational Requirements

1

### Data Analytics

Apply analytics techniques that help discover additional value in new and existing data sets, and support Treasury's trajectory toward operating as a "data driven organization"

2

### Modern IT

Utilize open source technologies that offer flexibility and cost-effectiveness, while also providing best-in-class foundational IT resources that advance Treasury's mission

3

### Convenience

Provide stakeholders with a single point of secure access to relevant and timely information anywhere, anytime, and on any device

4

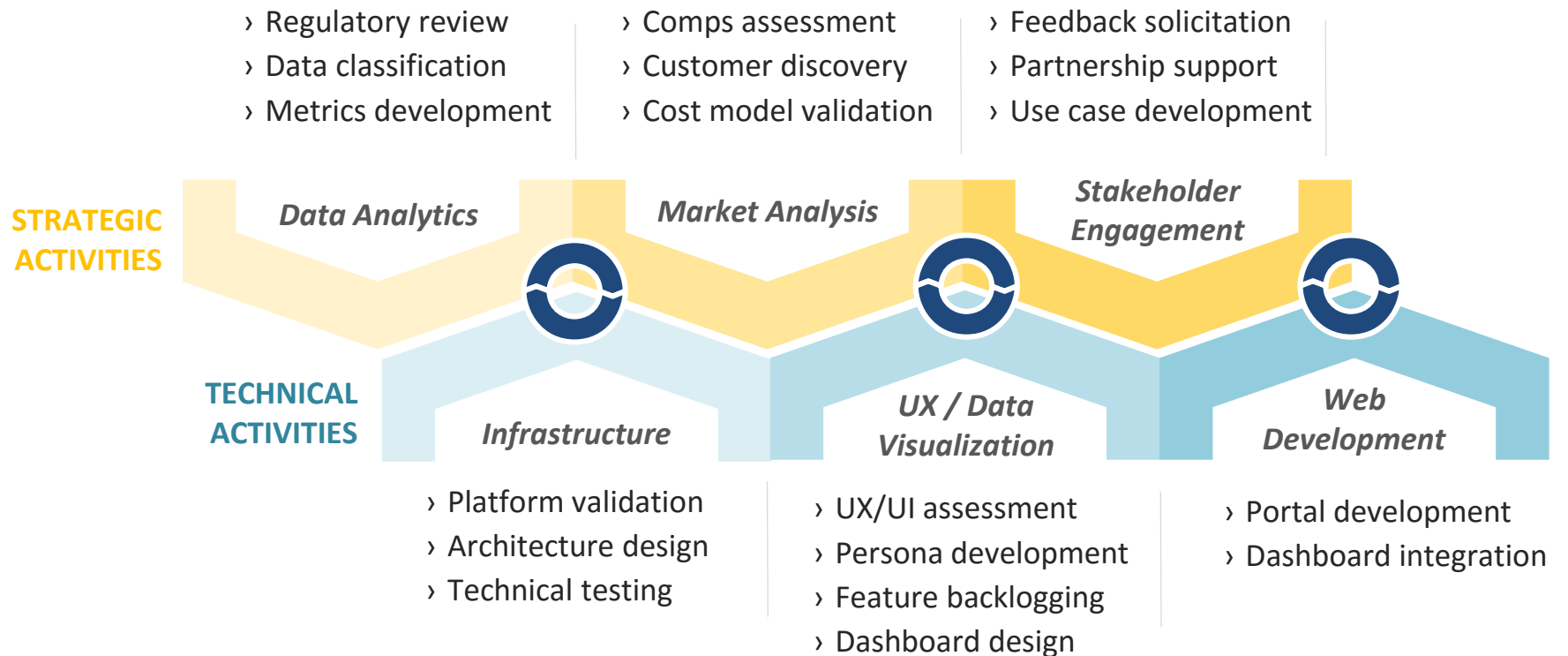
### Marketability

Leverage stakeholder feedback and industry perspectives to design an attractive, functional, and highly scalable product that expands and complements Treasury's current service portfolio



# Booz Allen's approach combined Agile Project Management and Agile Technical Development to deliver a functional proof of concept and product roadmap within 4 months of kickoff

## DaaS Technical Approach



***“This is the best-run Agile project within Treasury OCIO”  
–Sonny Bhagowalia, Treasury CIO***

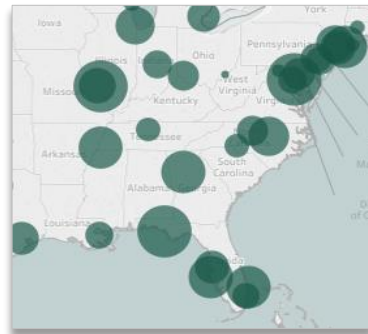
# The resulting DaaS prototype provides Treasury OCIO with a new and highly interactive tool for assessing cyber and human resources (HR) performance

## The DaaS Prototype Solution

### INNOVATIVE ANALYTICS

```
if [Rule] = 4 AND  
[Incoming Metric] = 0  
THEN [Number]/[Total]  
ELSEIF [Rule] = 3 and  
([Number2]/[Total2]) >  
([Number]/[Total])  
THEN [Number2]/[Total2]  
ELSE [Number]/[Total]  
END
```

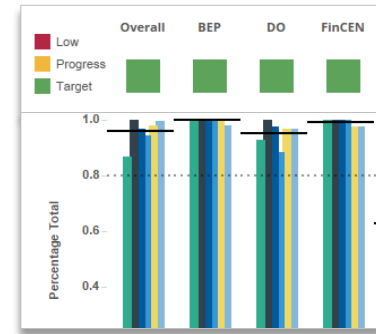
### INTUITIVE DATA VISUALIZATION



### OPEN SOURCE WEB PLATFORM



### ACTIONABLE INSIGHTS



### Advanced Analytics Techniques



### Tableau-Based Dashboards



### Drupal-Based Web Portal



### Enhanced Business Intelligence

Advanced analytics methods, such as Machine Learning, help uncover key trends embedded in source data and **provide unprecedented insight into business performance**

User-friendly self-service data visualization tools supports collaboration among data owners and **improves transparency to agency and regulatory officials**

Open Source technology provides a stable, flexible, secure, and scalable platform that **supports DaaS' long-term viability as a business**

DaaS provides users with a truly unique and **personalized tool for making timely and defensible business decisions**

**DaaS gives Treasury OCIO and its customers a highly differentiated next generation ss intelligence and reporting capability**

## For more information, please contact our Treasury DaaS Leadership Team

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