Business Applications Solution (BAS) Program

Shared Services Forum

UNITED STATES DEPARTMENT OF COMMERCE
OFFICE OF FINANCIAL MANAGEMENT

August 13, 2020
BAS Program Overview
• Goals and Objectives
• Case for Change
• Scope

BAS Program Scope

Current State
• Contract Award
• Solution Set
• Schedule

Early Lessons Learned & Featured Program Challenge

Questions
Business Applications Solution Program:
• U.S. Department of Commerce modernization initiative
• Deploys an integrated suite of financial and business management applications in support of our mission

BAS Program Objectives:
• Implement and integrate a suite of commercial off-the-shelf (COTS) business systems, enterprise data warehouse (EDW) and business intelligence (BI) reporting solution, and system interfaces in a hosted environment.
• Continue the ongoing emphasis on achieving organizational excellence and outstanding customer service for the Department.
Urgent Case for Change

DATA
- Non-standard data means **complex, intense data manipulations** and extraction in response to reporting requirements
- Fragmented data platforms **prevent true, timely insight** into the Department’s fiscal and program operation

APPLICATION RISK
- Reduced ability to maintain highly customized systems results in **unsupported and vulnerable systems**
- **Rapidly depleting** current system knowledge base/resources
- **Significant effort** to maintain compliance with Treasury/OMB mandates
- Continued IT significant deficiency audit findings that jeopardize Commerce’s ability to maintain a clean audit opinion

COST
- Escalating O&M costs have taken budgetary priority over more value-added mission-critical initiatives

Collectively, these critical risks drive the need for urgent change
BUSINESS APPLICATIONS SOLUTION

PROGRAM OVERVIEW

- Data Driven Approach
- Software as a Service
- Cloud Hosted
- Single Sign On / One Stop Shop (ServiceNow)
BAS Program Scope:
• Core Financial Management (including loans, financial statements and interfaces)
• Acquisitions Management
• Property Management (personal, real, and fleet)
• Enterprise Data Warehouse and BI reporting (to include data from BAS, Grants, Travel, and HR/Payroll)
• Data Archiving Solution
• All related administrative system interfaces

Primary Goals of BAS:
• Single Instance, Single Configuration of Essential Mission Support Systems
• Enterprise wide, standard data warehouse
• Modern, commercial tool with upgraded and efficient user interface
BAS Program: Current State
BAS Contract Award

- On April 24, 2020, Accenture was awarded the BAS Contract to provide:
  - System implementation (financial management, acquisitions management, asset management, enterprise data warehouse)
  - Integration and interfaces (development, testing, and delivery)
  - Software as a Service (SaaS) System Support Services (including Hosting)
  - Operations and Maintenance Services
  - Program and Project Management Services

- Contract Parameters:
  - Single award to a single integrator; responsible for bringing best value solution to DOC
  - 20 year Period of Performance
    - 1 base year and 19 option years
## BAS Solution Set with Accenture:

<table>
<thead>
<tr>
<th>Scope Area</th>
<th>Name of Solution*</th>
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<tbody>
<tr>
<td>Financial Management</td>
<td>Accenture Federal Cloud ERP with Pre-Configured Assets for Oracle Enterprise Business Suite (EBS)</td>
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<tr>
<td>Acquisitions Management</td>
<td>Unison PRISM</td>
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<tr>
<td>Asset Management (Real, Personal, and Fleet)</td>
<td>Sunflower Property Management</td>
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<tr>
<td>Enterprise Data Warehouse/Business Intelligence and Ad Hoc Reporting</td>
<td>Accenture Insights Platform (AIP) for Government</td>
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<td>Hosting/Infrastructure</td>
<td>PolyCloud Model including Rackspace Government Cloud and Amazon Web Service (AWS)</td>
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<td>Web Portal/Single Sign On</td>
<td>ServiceNow</td>
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BAS DETAILED SOLUTION SET

Integrated Business Application Solution (BAS) Overview

Federal Integration

- Treasury Payments (IPAC, PAM, FedWire)
- Credit Cards (Citibank Purchase, Travel, Fleet)
- Payroll (NEC)
- Treasury Reporting (GTAS, CTA, FedData)
- ETS2 Travel (Carlson Wagonlit)
- Award (SAM, FPDS/FBO FedConnect)

DOC Integration

- Property (GSA/DEA, Fleet Fuel Purchase, HR Autodiscovery)
- Grant (Grants Online, G/MS)
- Bureau Specific Feeder Systems (NOAA, NIST, Census)

BAS Portal

- Application Links
- Widgets
- Knowledge Base
- Helpdesk Service Requests

BAS Financial

- Acquire to Disburse
- Order to Cash
- Procure to Pay
- Plan to Report

BAS Acquisition

- Pre-Award
- Award
- Post-Award

BAS Property

- Personal Property
- Real Property
- Fleet Management

BAS EDW & Reporting

- Reporting Analytics
- Data Lake Data Science
- Business Intelligence
- Enterprise Data Warehouse
- DATA Act Analytics

BAS EDW & BI provides real-time and accurate data access for management reporting and forensic analysis.

BAS Property greatly reduces the BAS implementation risk and accelerates meeting the BAS goal by leveraging existing applications.

FedRAMP Authorized Solution from Day 1 for simplified security assessment, authorization, and continuous monitoring.

BAS Financial with Standardized DOC-Wide Configuration to reduce ambiguity in business process across bureaus while improving auditability.

BAS Acquisition that supports both Federal Acquisition Regulations (FAR) and Commerce Acquisition Regulation (CAR) for an improved contract writing experience.

Consolidated Cloud-Based SaaS/PAAS Model Infrastructure to eliminate redundant maintenance needs while reducing operational cost.

What does our BAS solution set mean for DOC?
BAS PROGRAM SCHEDULE

<table>
<thead>
<tr>
<th>FY 2020</th>
<th>FY 2021</th>
<th>FY 2022</th>
<th>FY 2023</th>
<th>FY 2024</th>
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<tr>
<td>C3</td>
<td>Q4</td>
<td>Q1</td>
<td>Q2</td>
<td>Q3</td>
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**Phase 0**
- **Global Design**
  - AFCE Gold Copy - Day 1 Asset
  - Personal Property Day 1 Asset

**Phase 1**
- **Core Systems Implementation**
  - NOAA (BLS, EDA) 2800 users
  - Finance & Acquisition
  - Corporate System Decommission
  - Property Cloud Migration

**Phase 2**
- **Core Systems Implementation**
  - NIST (RLA, ITA, MBDA, NTIA, DLG, D5) 1700 users
  - NOAA Legacy System Decommission
  - IDM, Network, Security and ATO

**Phase 3**
- **Core Systems Implementation**
  - Census 1200 users
  - NIST Legacy System Decommission

**Legend**
- Decommissions
- Early Win Deployments
- Deployments

**Data Model Updates**
- Data Strategy
  - Data Governance Framework
  - Data Lake and AIP Provisioning

**Data Cleansing and Life Cycle Management**
- Current Systems Ingestion
- Non-BAS Systems Ingestion

**Financial Reporting**
- SBIS & PRISMS
- EBS & PRISMS

**EDW & BIA**
- NOAA (BLS, EDA) 2900 users
- NOAA Reports, Dashboards and Ad Hocs
- EDW & BIA Census 3000 users

**Organizational Change Management**
- Personal Property and Fleet #1
  - Real Property, IDM and Data Lake
  - Fleet Part #2 and Dashboards

**Legacy System O&M**
- NOAA Finance and Acquisition
- NIST Finance and Acquisition
BAS Program:
Early Lessons Learned & Featured Program Challenges
BAS Governance

- BAS Executive Board
  - Newly chartered by the DOC Deputy Secretary – August 2019
  - Departmental leaders of BAS work streams
  - Required communication to bureau leadership
  - Lean decision making structure

Quality Service Management Office (QSMO) Integration

- Procurement Phase
  - Feedback/Input on BAS RFP
  - Review of Proposals

- Implementation Phase
  - Participation on global design and common solution phases
  - Deliverable: System Configuration Catalog
Program Resources

• BAS Program Management Office: 45 Government positions
  • FY20: 10 positions
  • FY21-FY24: Full staff of 45

• Lesson Learned:
  • Program resources at contract award insufficient for expedited ramp up
  • General Challenge:
    • Speed of federal hiring process
    • Immediate actions post contract award
    • Global Design Kick Off
**BUSINESS APPLICATIONS SOLUTION**

**FEATURED PROGRAM CHALLENGE**

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**Single Instance/Single Configuration**

- Current State Challenge:
  - Disparate Systems
  - Multiple instances/multiple configurations
  - Data integrity issues
  - Challenges with reporting and combining data across programs and bureaus

- The primary goal of BAS is to create efficiencies and streamline process by deploying a single instance/single configuration of the BAS systems.
Single Instance/Single Configuration

**BUSINESS APPLICATIONS SOLUTION**

**FEATURED PROGRAM CHALLENGE**

**BAS GLOBAL DESIGN**
*June – October*

**CORE APPLICATIONS**
- **FINANCIAL MANAGEMENT**
  (Procure to Pay, Order to Cash, Plan to Report)
- **ACQUISITIONS MANAGEMENT**
  (Procure to Pay)
- **PROPERTY MANAGEMENT**
  (Acquire to Dispose)

**EDW & REPORTING**
- **END USER FOCUS**
  Understand data and reporting needs
- **SOURCE SYSTEM FOCUS**
  Understand data sources and data profiling

Key design decisions around Department-wide standard business processes and configurations

Determine capability needs and architecture requirements
BUSINESS APPLICATIONS SOLUTION
FEATURED PROGRAM CHALLENGE

Single Instance/Single Configuration

GLOBAL DESIGN

Discover
- Identify the key stakeholders and change agents
- Collect human requirements through workshop attendance
- Perform Discovery Interviews with key stakeholders to pinpoint key needs
- Collect survey responses through community-wide communication

COMMON SOLUTION

Describe
- Compile information collected to analyze stakeholder landscape
- Develop journey maps for individual groups of stakeholders
- Continue two-way community-wide communication for shared understanding
- Collaborate with change network on upcoming change impacts

SYSTEM/ COMMUNITY DEPLOYMENTS

Deploy, Deliver, Sustain
- Communicate change impacts for go-live dates of systems
- Deliver robust training program with interactive elements
- Collect and analyze continuous improvement opportunities
- Measure levels of system adoption to ensure end users are integrated with BAS system set
Q&A