



BUSINESS APPLICATIONS SOLUTION (BAS) PROGRAM NIST TABLE TALK

UNITED STATES DEPARTMENT OF COMMERCE, OFFICE OF FINANCIAL MANAGEMENT





BAS PROGRAM: NIST TABLE TALK AGENDA

- BAS Overview
- BAS Solution Set
- BAS Implementation Schedule
- Global Design Approach
- Global Design Workshop Schedules
- Integration Approach
- Opportunities to Get Involved
- Q & A

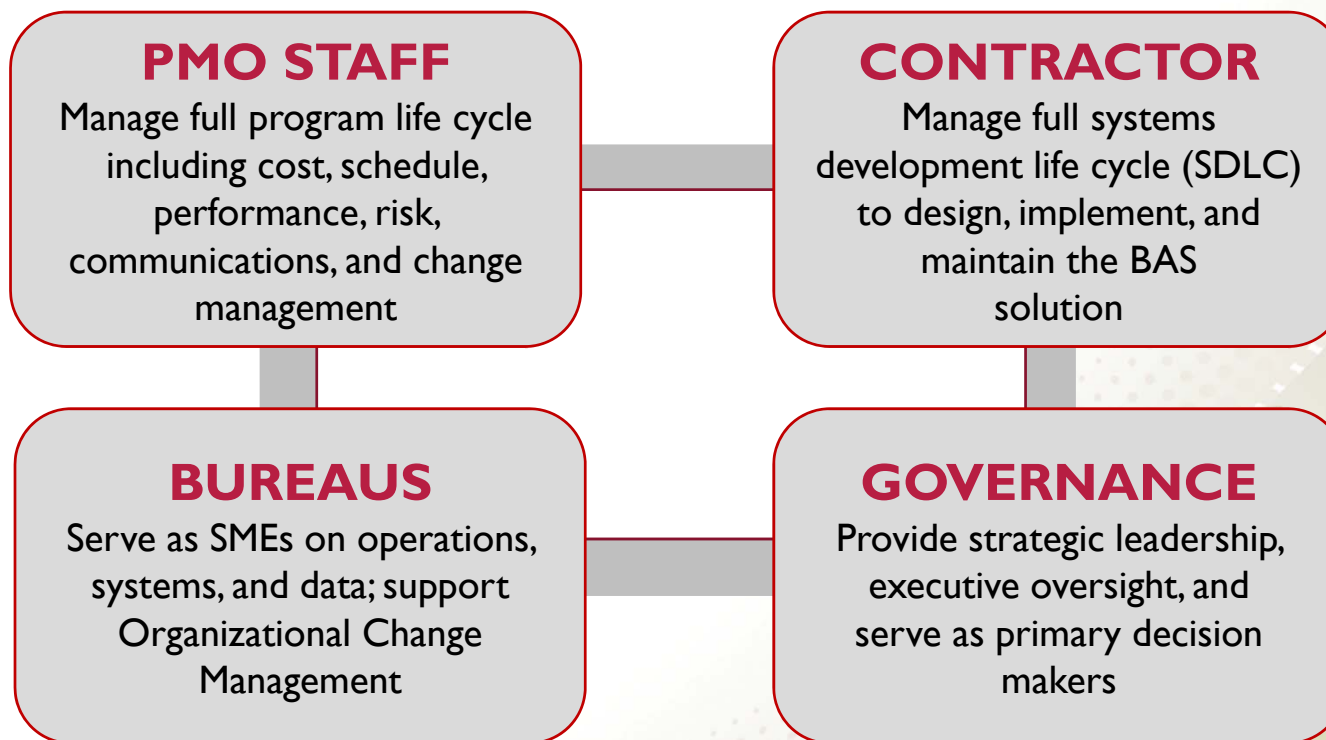


BAS PROGRAM: WHAT IS BAS?

- Implementation and **integration of 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.**
- **Goals:**
 - Single Instance, Single Configuration of Essential Mission Support Systems
 - Enterprise wide, standard data warehouse
 - Modernized Financial, Procurement, and Asset Management Systems
 - Modernized Data Platform



BAS PROGRAM: WHO IS INVOLVED?





BAS PROGRAM: SOLUTION SET

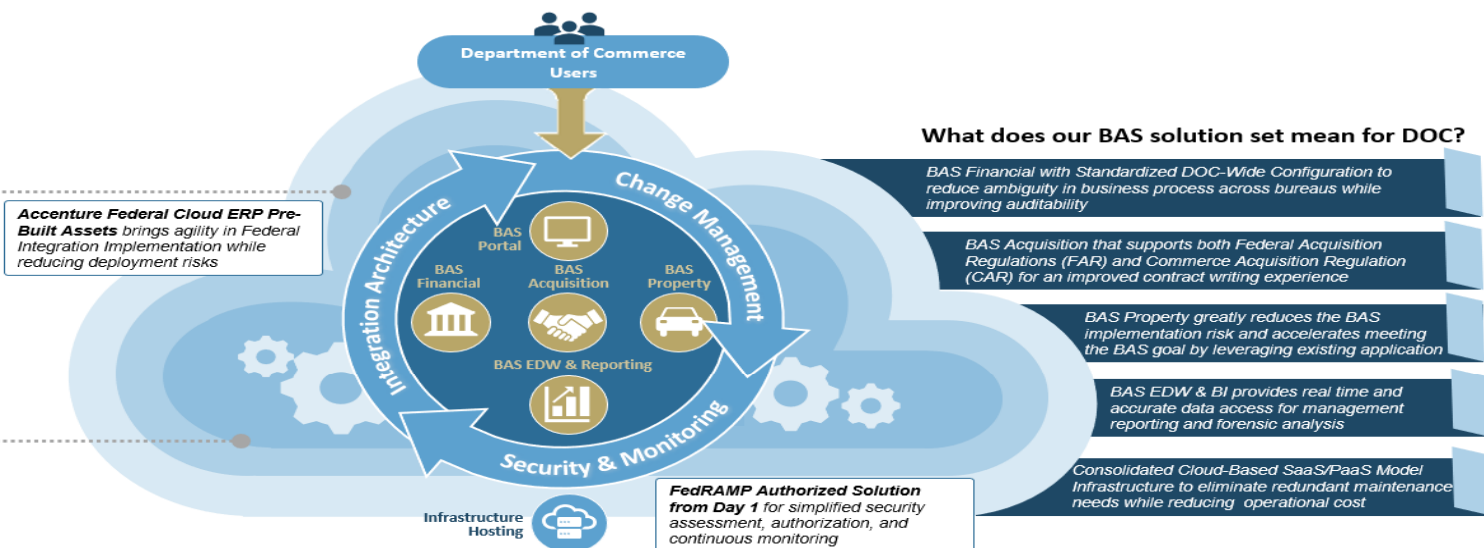
Integrated Business Application Solution (BAS) Overview

Federal Integration Accenture Assets

- Treasury Payments (IPAC, PAM, DoNotPay)
- Credit Cards (Citibank Purchase, Travel, Fleet)
- Payroll (NFC)
- Treasury Reporting (GTAS, CTA, FedDebt)
- ETS2 Travel (Carlson Wagonlit)
- Award (SAM, FPDS, FBO FedConnect)

DOC Integration

- Property (GSAXcess, Fleet Fuel Purchase, HR AutoDiscovery)
- Grant (Grants Online, GMIS)
- Bureau Specific Feeder Systems (NOAA, NIST, Census)



What does our BAS solution set mean for DOC?

- 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
- BAS Property greatly reduces the BAS implementation risk and accelerates meeting the BAS goal by leveraging existing application
- BAS EDW & BI provides real time and accurate data access for management reporting and forensic analysis
- Consolidated Cloud-Based SaaS/PaaS Model Infrastructure to eliminate redundant maintenance needs while reducing operational cost

BAS Portal	
Application Links	Widgets
Knowledge Base	
Helpdesk Service Requests	

BAS Financial	
Acquire to Dispose	Order to Cash
Procure to Pay	
Plan to Report	

BAS Acquisition	
Pre-Award	
Award	
Post-Award	

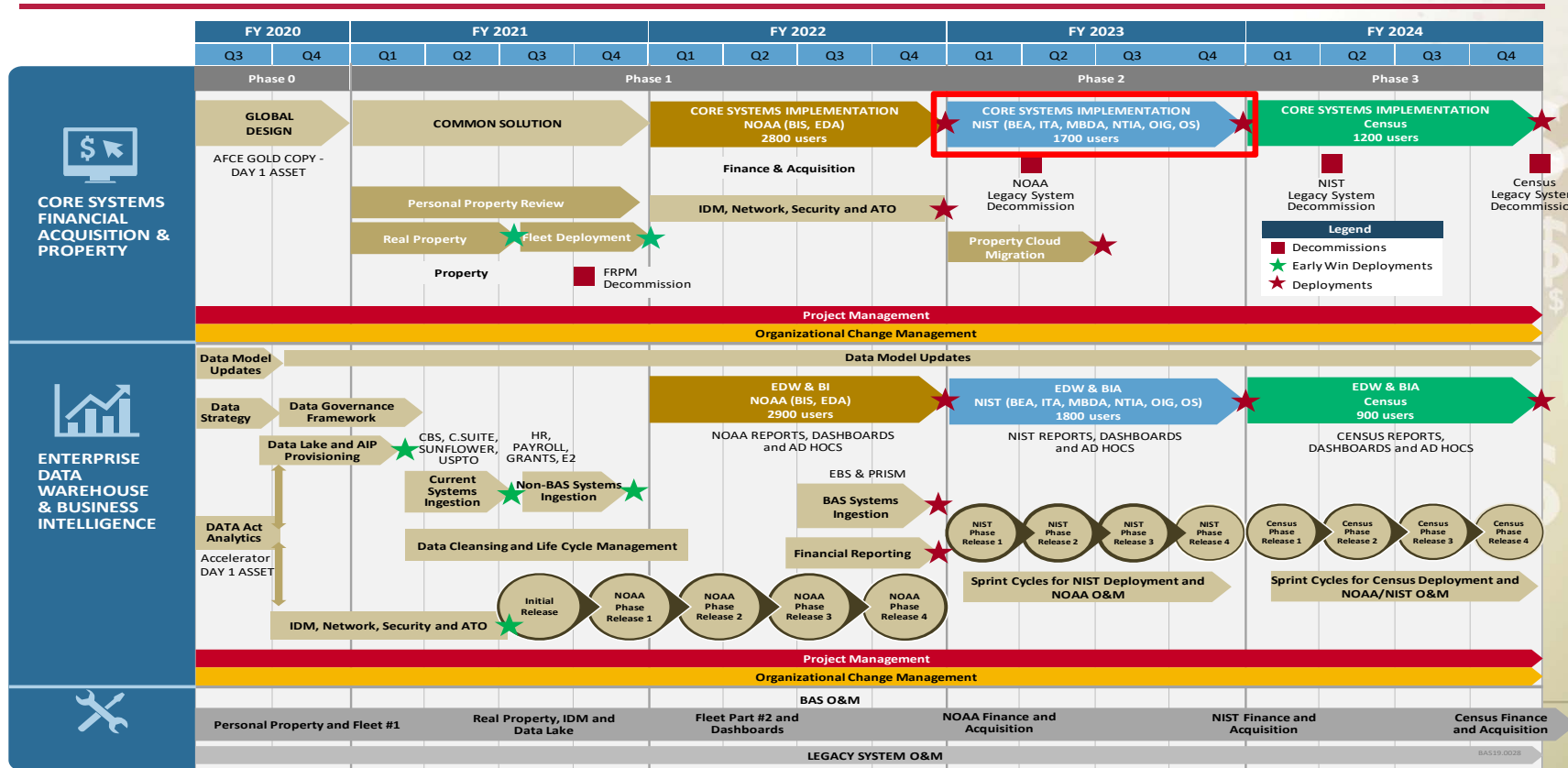
BAS Property	
Personal Property	
Real Property	
Fleet Management	

BAS EDW	
Reporting Analytics	Data Lake Data Science
Business Intelligence Enterprise Data Warehouse	
DATA Act Analytics	

Infrastructure Hosting	
Unison SaaS	ServiceNow SaaS
Accenture Federal Cloud ERP SaaS	
Accenture Insights Platform PaaS	

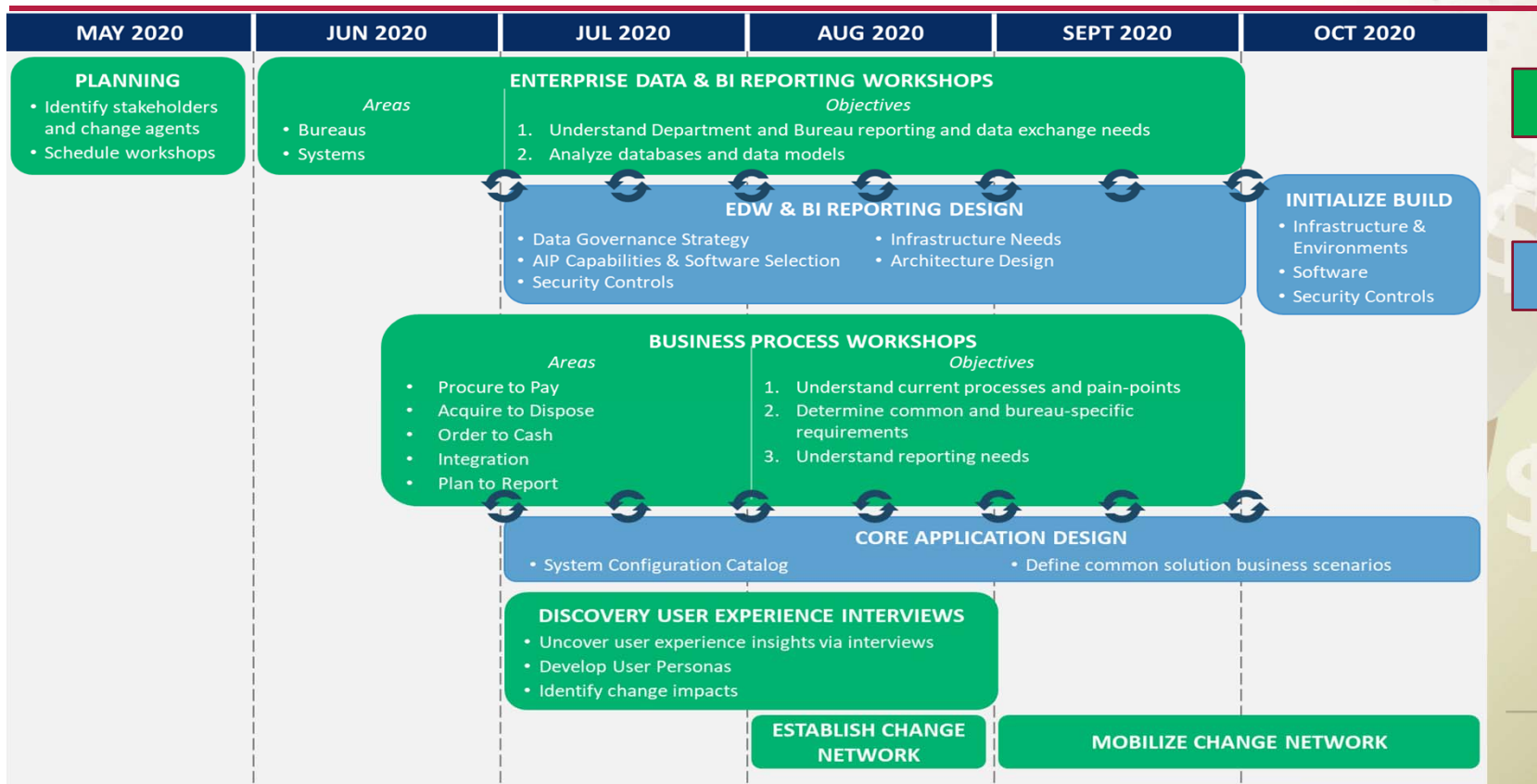


BAS PROGRAM: IMPLEMENTATION SCHEDULE





BAS PROGRAM: GLOBAL DESIGN APPROACH



DOC Stakeholder engagement

Dev Team Actions



BAS PROGRAM: ENTERPRISE DATA WAREHOUSE (EDW) & BI REPORTING WORKSHOP SCHEDULE

CURRENT TIMELINE	NIST End User and Source System Solutions
JUNE and JULY ----- Workshops with end users from each Dept/Bureau to understand reporting needs, gaps/pain points	National Institute of Standards and Technology End User Focus – June 18 Source Systems - TBD Follow-up sessions planned to gather additional information during the period

CURRENT TIMELINE	Activity
AUGUST	Finalize focus sessions
	Requirements analysis and prepare capability demos
SEPTEMBER	Architecture, Interface and Application design
	Capability Demos



BAS PROGRAM: GLOBAL DESIGN BUSINESS PROCESS WORKSHOP SCHEDULE

WORKSHOP #	DATE	PROCESS AREA	MODULES
1	16-Jun	Procure to Pay	PRISM
2	26-Jun	Procure to Pay	PRISM
3	7-Jul	Procure to Pay	Oracle: Purchasing, Payables, Payments
4	14-Jul	Procure to Pay	Oracle EBS: Projects, Project Costing
5	21-Jul	Acquire to Dispose	Sunflower
6	28-Jul	Acquire to Dispose	Sunflower
7	4-Aug	Order to Cash	Oracle EBS: Project Billing, Receivables
8	11-Aug	Plan to Report	Oracle EBS: General Ledger
9	18-Aug	Plan to Report	Oracle EBS: Federal Administrator
10	25-Aug	Plan to Report	Oracle EBS: Federal Administrator

NIST representatives will participate in all sessions based on workshop objective



BAS PROGRAM: INTEGRATION APPROACH

- Agile iterative process
- Leverage delivered capabilities
- Focus on business needs
- Transform instead of replicate

As-Is CBS and Other System Integration	To-Be BAS Integration
Custom System Architecture	Standard Enterprise Architecture
In-House development model <ul style="list-style-type: none">• Longer time to delivery• High cost of maintenance	Managed service model <ul style="list-style-type: none">• Shorter time to delivery• Low cost of maintenance



BAS PROGRAM: INTEGRATION ALIGNMENT TO IMPLEMENTATION PHASES

➤ **Common Solution Phase**

➤ **Common Federal Integrations**

- Utilize module configuration and standard framework
- Focus on Federal external systems

➤ **Common DOC Integrations**

- Utilize standard framework and integration accelerators
- Focus on DOC internal systems

➤ **NOAA, NIST, and Census Implementation Phases - Bureau Specific Integrations**

- Utilize standard framework and extension as needed
- Focus on Bureau specific systems



BAS PROGRAM: HOW TO GET INVOLVED

➤ **Questions/Concerns/Feedback? Want to be involved?**

Contact BAS Project:

- BASProject@doc.gov

➤ **Need more information? Visit us online at:**

- <https://www.commerce.gov/ofm/bas-homepage/business-applications-solution-bas>



BAS PROGRAM: NIST ENGAGEMENT EVENTS

Global Design and Common Solution Events

EVENT	PURPOSE	TIMEFRAME	AUDIENCE
EDW Workshops	Determine data and reporting capabilities needed for the enterprise data warehouse	June – August 2020 NIST – June 18 (end user) TBD (systems) follow-ups planned	NIST reps based on workshop objective
Business Process Workshops	Decision making around new enterprise standard business processes and applications for Financial, Acquisitions, and Property management	June – August 2020	NIST reps based on workshop objective

Additional NIST Engagement Events

EVENT	PURPOSE	FREQUENCY	AUDIENCE
NIST Town Halls	Program introduction, Program status updates	1.5 hours - Every 4 months	Open to all NIST staff
NIST Table Talks	Topic specific	1 hour - Every 5-6 weeks	Open to all NIST staff



BAS PROGRAM: FUTURE NIST TABLE TALK TOPICS

➤ **Organizational Change Management - July**

- **Communications**
- **Training**
- **Business process re-engineering**

➤ **IT focus – September**

- **Security**
- **SaaS solution**
- **Future hosting platform**



BAS PROGRAM:WHAT QUESTIONS DO YOU HAVE?





BAS PROGRAM: WE NEED YOUR INPUT

- **Go to**

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- **Will take only a few minutes to provide valuable feedback to us**
- **All responses are anonymous**