



## ▶ **Creating Efficiencies through Integration and Consolidation**

**February 2011**

CATALOG of FEDERAL DOMESTIC ASSISTANCE

FEDBIZOPPS.GOV  
Now Encompasses FedTeDS

CENTRAL CONTRACTOR REGISTRATION Includes FedReg  
EPLS Excluded Parties List System

PPARS PAST PERFORMANCE INFORMATION RETRIEVAL SYSTEM  
ORCA

FEDBIZOPPS.GOV PPARS PAST PERFORMANCE INFORMATION RETRIEVAL SYSTEM  
Wage Determinations OnLine.gov Providing public access to federal wage determinations and related information  
eSRS FPDS Next Generation

Federal/IAE Systems Support the Acquisition Process  
The Agencies Conduct the End-to-end Process

Generate Requirement

Solicit Requirement

Review Offers

Evaluate Offers/Select Vendor

Create Contract

Administer Contract

Contract Close-Out

How do I let Vendors know that I need something?

How do I know whether a Vendor is offering what I need?

How do I know if a vendor is reliable?

How do I create a contract with all of the appropriate information?  
How do all the right people receive the contract information they need?

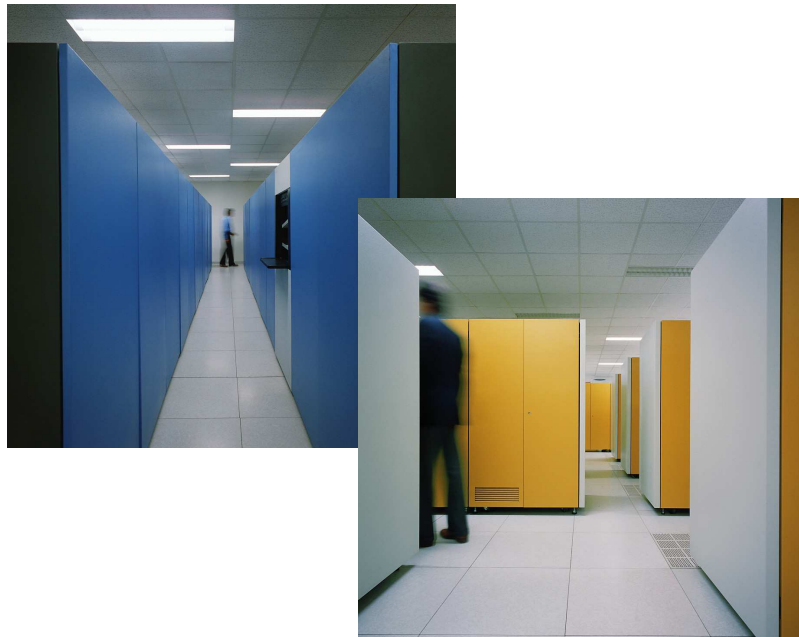
How does all the spending information get tracked?

Agencies/Services Responsible for executing these steps

8 Separate Procurement Systems + 1 Financial Assistance System  
Hosted in Different Locations and Requiring 9 Different Logins

## ► Siloed systems

- Multiple logins – inefficient and confusing
- Data overlap among systems – inefficient and creates opportunity for error



## ► Separate hosting, management, and support

- Various standards and service level agreements – may yield varying levels of service
- Multiple hosting vendors – more expensive than consolidated hosting

## Today

- ▶ **Siloed** – Separate systems each with a separate login
- ▶ **Redundant** – Overlapping data
- ▶ **Separate** – Various hosting locations, managed separately



## Future

- ▶ **1 Login!** – Functionality accessible at one online location to streamline the process
- ▶ **1 Data Source!** – Centralized, normalized data to eliminate potential for conflicting values
- ▶ **1 Host!** – Consolidated hosting to reduce O&M costs



Existing capabilities, streamlined for efficiency.

## ▶ SAM Requirements and Operations

- IBM is documenting SAM architecture and system requirements and will operate the resulting system



## ▶ Consolidated Hosting Services

- One common database in one hosting location means lower operating costs and greater reporting flexibility



## ▶ Federal Service Desk (FSD)

- Current consolidation of Tier 1 help desk services aligns with 1-system approach



## ▶ System Enhancements

- Requirements will be sent out for bid to 3rd parties to increase competition





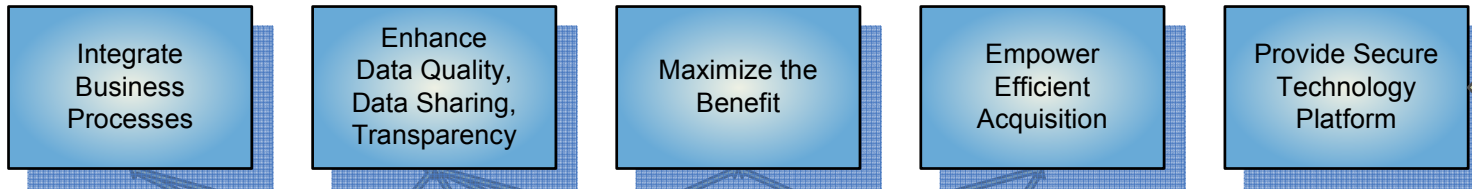
# SAM Benefits



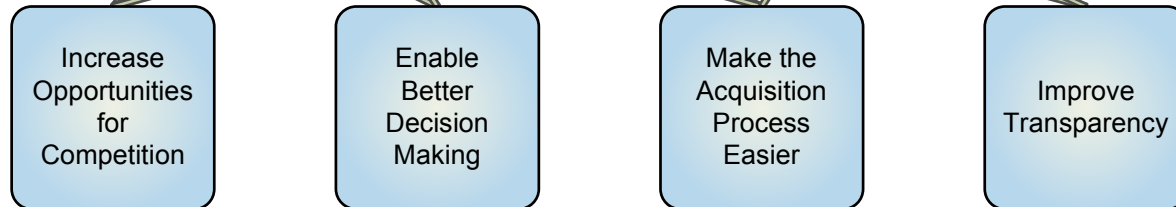
- ▶ **SAM creates efficiency for users**
  - **Contracting Officers**
    - One login provides access to all the information needed to make an award determination
    - Streamlined, integrated processes simplify and reduce the time required to complete a procurement
    - Elimination of artificial information category divisions simplify data entry
  - **Vendors**
    - One login provides access to all the tools needed to register, record reps and certs, and view and respond to solicitations
    - Streamlining of the processes decreases the amount of time required for typical registration
  - **System Administrators**
    - Decreased number of interfaces reduces maintenance challenges and costs
  - **All Users**
    - Increased reporting flexibility by integrating all data into one database
- ▶ **SAM increases data quality by consolidating the data into one system and eliminating redundant data**
- ▶ **SAM saves money by consolidating the system hosting into one location**

# SAM Goals and Capabilities

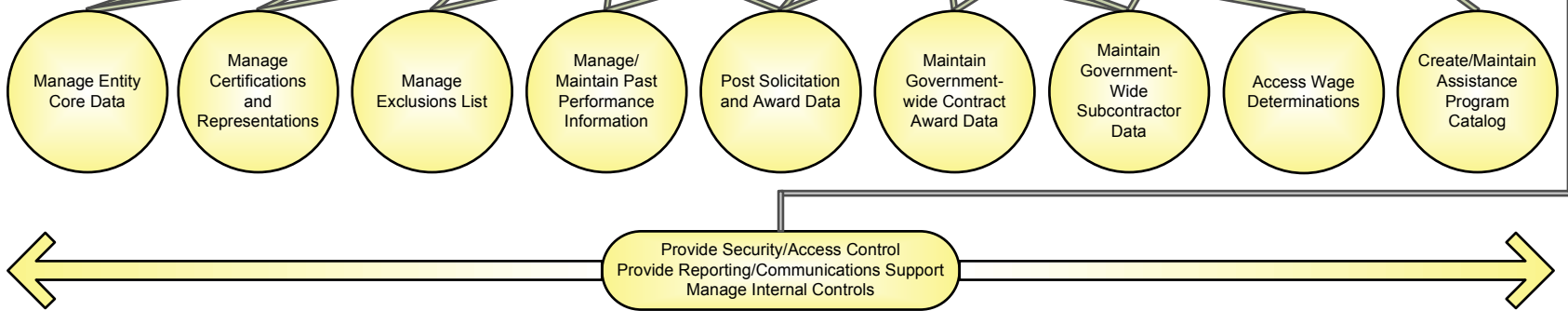
## IAE Strategic Goals



## Business Value Goals



## Capabilities



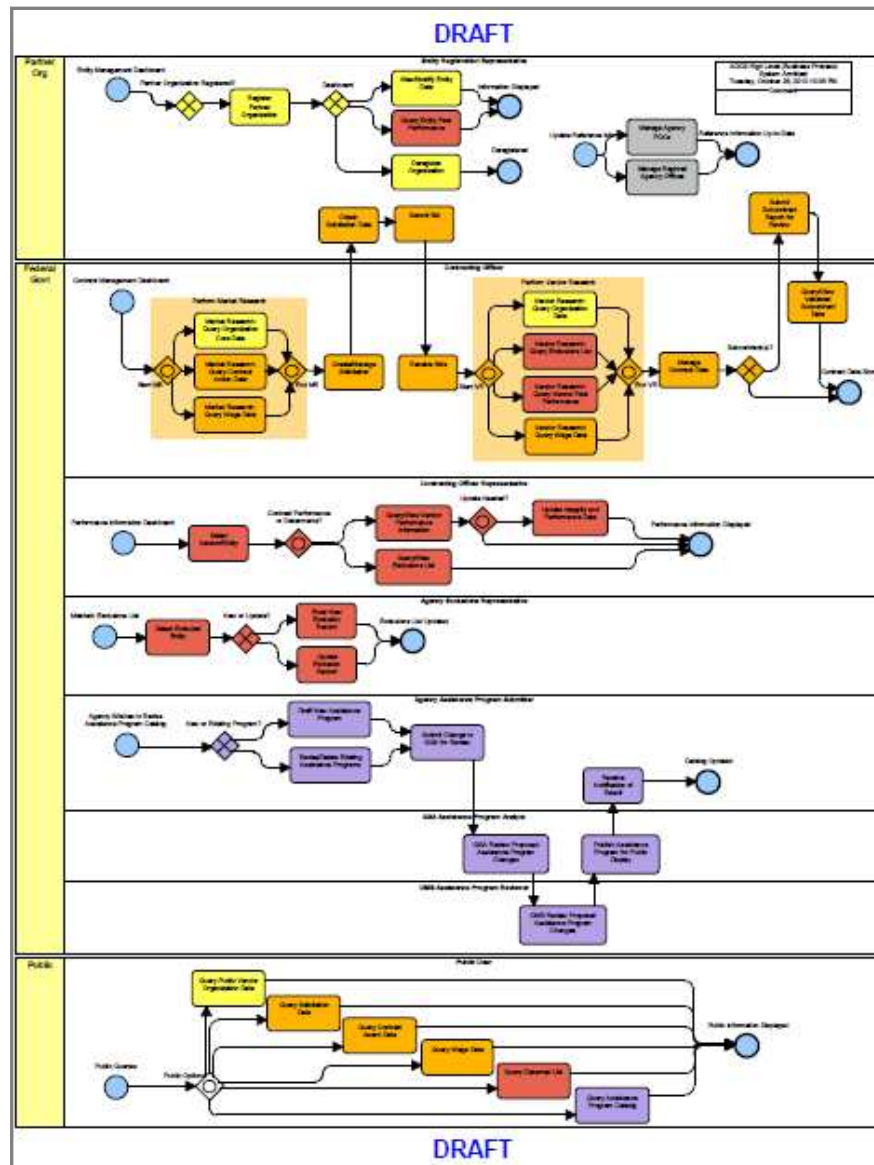
► IAE system capabilities notionally have been organized around six key functional areas

Functional Area	Capabilities	Legacy Systems
Entity* Management	<ul style="list-style-type: none"> <li>• Manage entity core data</li> <li>• Manage certifications/representations</li> </ul>	<ul style="list-style-type: none"> <li>• <b>CCR</b> – Central Contractor Registration (will include FedReg)</li> <li>• <b>ORCA</b> – Online Representations and Certifications Application</li> </ul>
Award Management	<ul style="list-style-type: none"> <li>• Post solicitation and award data</li> <li>• Maintain government-wide contract award data</li> <li>• Manage government-wide subcontractor data</li> </ul>	<ul style="list-style-type: none"> <li>• <b>FBO</b> – Federal Business Opportunities</li> <li>• <b>FPDS-NG</b> – Federal Procurement Data System-Next Generation</li> <li>• <b>eSRS</b> – Electronic Subcontracting Reporting System (will include FSRS)</li> </ul>
Wage Data	<ul style="list-style-type: none"> <li>• Access wage determinations</li> </ul>	<ul style="list-style-type: none"> <li>• <b>WDOL</b> – Wage Determination Online</li> </ul>
Performance Information	<ul style="list-style-type: none"> <li>• Manage/maintain past performance information</li> <li>• Manage exclusion list</li> </ul>	<ul style="list-style-type: none"> <li>• <b>PPIRS</b> – Past Performance Information Retrieval System</li> <li>• <b>EPLS</b> – Excluded Parties List System</li> </ul>
Assistance Program Catalog	<ul style="list-style-type: none"> <li>• Create/maintain assistance program catalog</li> </ul>	<ul style="list-style-type: none"> <li>• <b>CFDA</b> – Catalog of Federal Domestic Assistance</li> </ul>
Support	<ul style="list-style-type: none"> <li>• Provide security/access control</li> <li>• Provide reporting/communications support</li> <li>• Provide internal controls</li> </ul>	

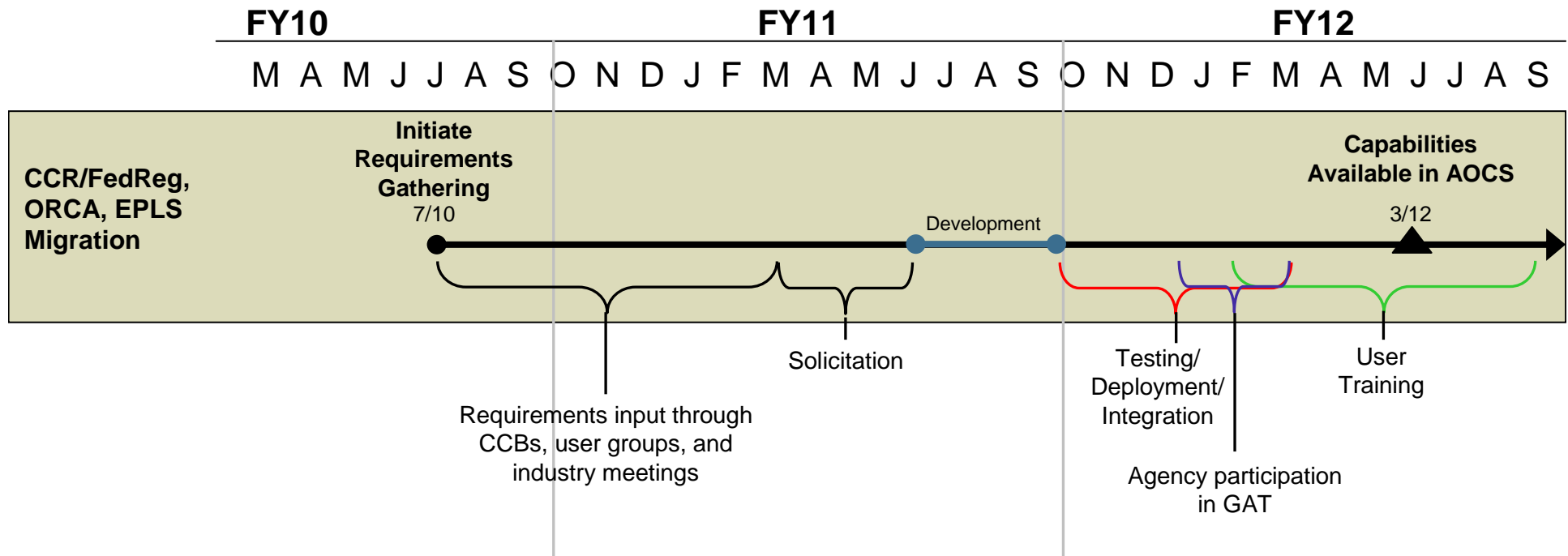
\* For the purposes of this capability area, *Entity* refers to prime contractors, organizations or individuals applying for assistance awards, those receiving loans, sole proprietors, corporations, partnerships, and any Federal government agencies desiring to do business with the government



- ▶ Requirements gathering has revealed opportunities for creating efficiencies, improving data quality and consistency, and simplifying the user experience
- ▶ This draft process model depicts high-level capability integration
  - Colors indicate capability areas
  - Lanes indicate participants
  - Message flows between capability areas indicate the degree of coupling
- ▶ Provides planned integration of current processes, without regard for system boundaries
- ▶ **SAM is not a portal to existing systems!**



- ▶ Subject Matter Experts have provided input to and validation of requirements for the CCR/FedReg, ORCA, EPLS migration group
- ▶ Agency validation of requirements is ongoing



▶ Subsequent migration groups will follow this same pattern.