CCR/FedReg and ORCA Interfaces

► **Upcoming Changes**

May 26, 2011

What Is SAM?

Today

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

FEDBIZOPPS.GOV

PPIRS PAST PERFORMANCE INFORMATION RETRIEVAL SYSTEM

eSRS

CENTRAL CONTRACTOR REGISTRATION
Includes FedReg

ORCA

FPDS Next Generation

EPLS Excluded Parties List System

Wage Determinations OnLine.gov
Providing public access to federal wage determinations and related information

CATALOG of FEDERAL DOMESTIC ASSISTANCE

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

FEDBIZOPPS.GOV

FPDS Next Generation

CENTRAL CONTRACTOR REGISTRATION
Includes FedReg

eSRS

SAM
SYSTEM FOR AWARD MANAGEMENT

ORCA

PPIRS PAST PERFORMANCE INFORMATION RETRIEVAL SYSTEM

CATALOG of FEDERAL DOMESTIC ASSISTANCE

EPLS Excluded Parties List System

Wage Determinations OnLine.gov
Providing public access to federal wage determinations and related information

*Existing capabilities, streamlined for efficiency.*

How Will SAM Be Organized?

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

Functional Area	Capabilities	Legacy Systems
Entity* Management	• Manage entity core data • Manage certifications/representations	• **CCR** – Central Contractor Registration (will include FedReg) • **ORCA** – Online Representations and Certifications Application
Award Management	• Post solicitation and award data • Maintain government-wide contract award data • Manage government-wide subcontractor data	• **FBO** – Federal Business Opportunities • **FPDS-NG** – Federal Procurement Data System-Next Generation • **eSRS** – Electronic Subcontracting Reporting System (will include FSRS)
Wage Data	• Access wage determinations	• **WDOL** – Wage Determination Online
Performance Information	• Manage/maintain past performance information • Manage exclusion list	• **PPIRS** – Past Performance Information Retrieval System • **EPLS** – Excluded Parties List System
Assistance Program Catalog	• Create/maintain assistance program catalog	• **CFDA** – Catalog of Federal Domestic Assistance
Support	• Provide security/access control • Provide reporting/communications support • Provide internal controls	

* 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

How Will SAM Impact Interfaces?

Today

Future
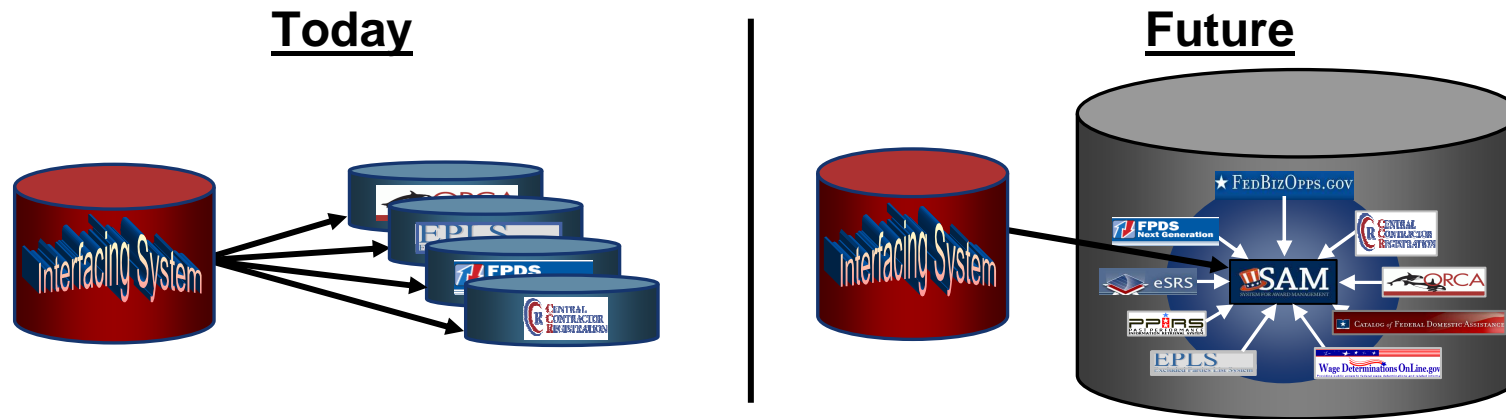
► **Process Improvements – SAM process-improvement work is identifying ways to reduce the number of interfaces needed**

► **1 Database – As the legacy systems are migrated into SAM, they will be migrating into one database, further reducing the number of interfaces needed**
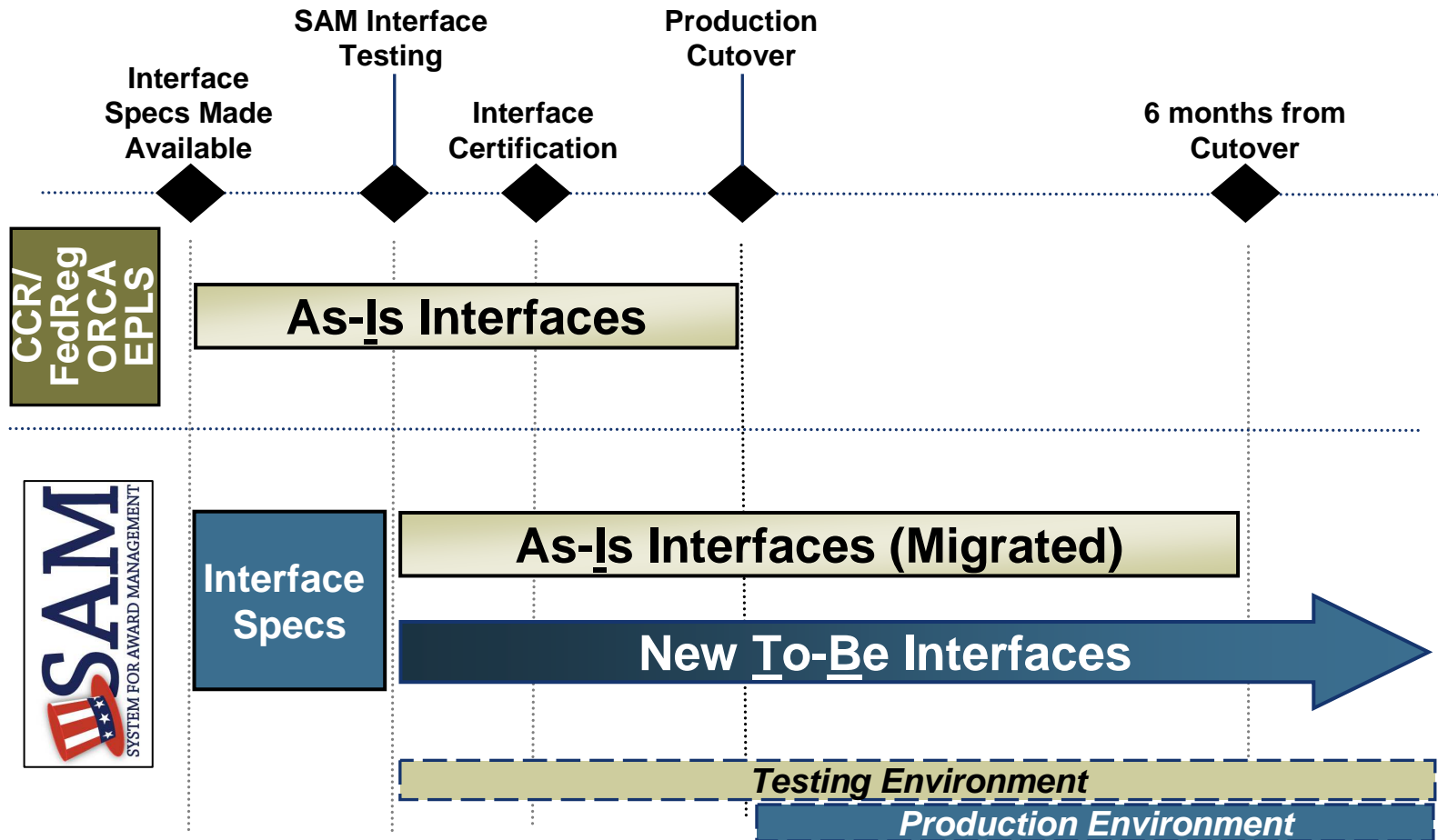
Your Interfaces Will Change!

How Was Migration Planned?

► **Identified and evaluated as-is CCR/FedReg, ORCA, and EPLS interfaces**

► **Validated business purpose and technical details**

► **Eliminated redundancies and improved process efficiency where possible**

► **Analyzed and consolidated interfaces**

► **Specified interfaces to be phased-out and supported long-term**

What Are the Migration Phases?

Interface Specs Made Available

SAM Interface Testing

Interface Certification

Production Cutover

6 months from Cutover

CCR/ FedReg ORCA EPLS

As-Is Interfaces

SAM SYSTEM FOR AWARD MANAGEMENT

Interface Specs

As-Is Interfaces (Migrated)

New To-Be Interfaces

Testing Environment

Production Environment

How Will Data Be Provided?

► **To-Be interfaces/extracts will be based on functional area and data sensitivity level**

► **Each Functional Area will have a set of records available in increasing levels of sensitivity:**

- **Public**

- **For Official Use Only**

- **Sensitive**

- **System Only**

► **The existing CCR, FedReg, and ORCA extracts will be merged into the four Entity Management extracts**

► **If you have the correct permissions for that level of data, you have access to all the data at that level, through various means, including web or FTP access to a flat file and web services access to XML**

As-Is Interface Name	SAM To-Be Interface Name	Protocol	Data Format
CCR Extract - Complete	Entity Management Extract - System-only	sFTP, HTTP-website, SOAP/HTTPS	XML, CSV
CCR Extract - FOIA	Entity Management Extract - Public	sFTP, HTTP-website, SOAP/HTTPS	XML, CSV
CCR Extract - Sensitive	Entity Management Extract - Sensitive	sFTP, HTTP-website, SOAP/HTTPS	XML, CSV
CCR Extract – FOUO	Entity Management Extract – FOUO	sFTP, HTTP-website, SOAP/HTTPS	XML, CSV
CCR Extract – MPIN	CCR will be merged into SAM MPIN data will be provided in the Entity Management Extract – Sensitive Functional CCR XML included in Entity Management Extracts		
CCR XML - Non-Proprietary	Functional CCR XML included in Entity Management Extracts		
CCR Extract – Proprietary	CCR will be merged into SAM Austin Tetra data will be provided in the Entity Management Extract – Sensitive Functional CCR XML included in Entity Management Extracts		
CCR XML - Proprietary	Functional CCR XML included in Entity Management Extracts		
CCR XML - Sensitive	Functional CCR XML included in Entity Management Extracts		
FedReg Extract	FedReg will be merged into SAM		
ORCA Extract - All	ORCA will be merged into SAM		
ORCA XML	ORCA will be merged into SAM		

☐ Interface will be kept   ▨ Interface will be eliminated

How Many Data Elements?

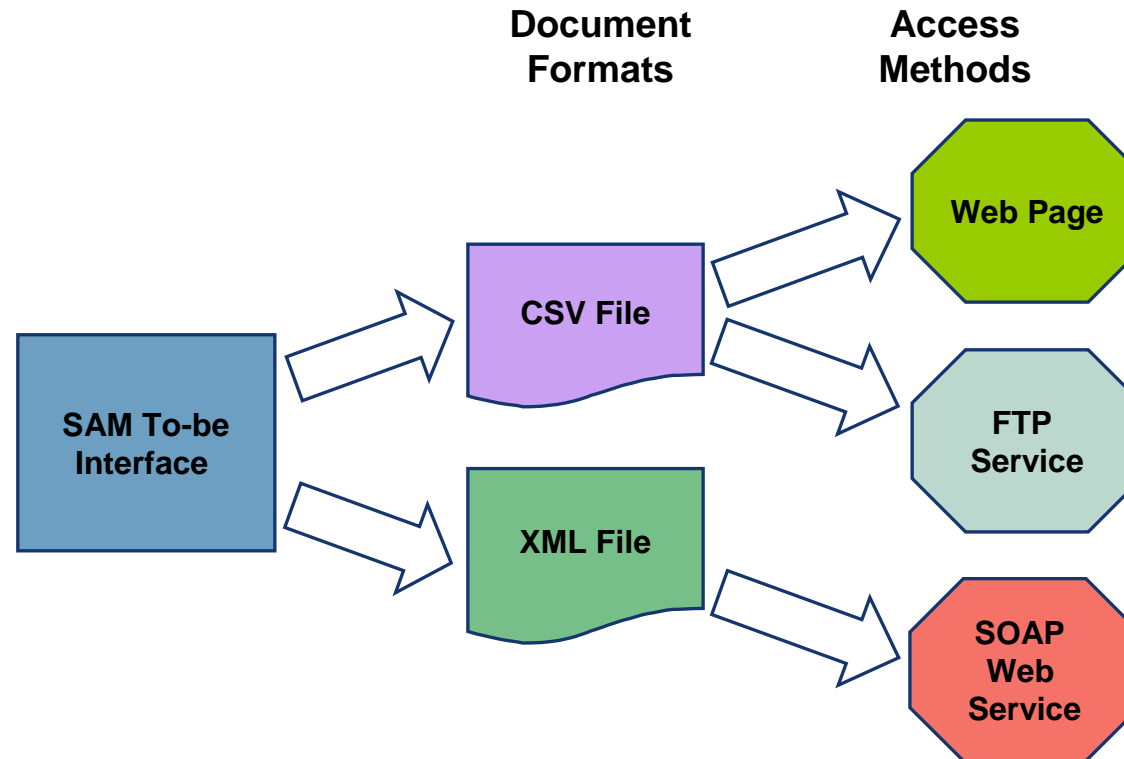| Legacy Interfaces	Number of Data Elements	SAM Interface Name	Number of Data Elements
CCR Extract – Complete	243	Entity Management Extract – System-only	229
CCR Extract – FOIA	148	Entity Management Extract – Public	118
CCR Extract – Sensitive	242	Entity Management Extract – Sensitive	224
CCR Extract – FOUO	210	Entity Management Extract – FOUO	199

What Are the Major Changes?

► **POCs**

  ▪ **POCs will be associated with data sensitivity level**

  ▪ **"POC type" field will specify the type of POC**

   – **Public**
     1) **Electronic Business**
     2) **Government Business**
     3) **Past Performance**

   – **FOUO**
     1) **Accounts Receivable**
     2) **EDI**
     3) **Party Performing Certification**
     4) **Proceedings**
     5) **Sole Proprietorship**
     6) **Eliminations**
     7) **Sales**
     8) **Accounts Payable**

   – **Sensitive (none at this time)**

► **Elimination of Counters from To-be Interfaces**

  ▪ **Data will be provided in CSV/nested XML tags format**

  ▪ **Example**

   – **Product Service Codes – If there are multiple PSCs for a DUNS, they will be made available as a single string with comma separation, bound by "" in CSV file and nested XML tags in web service**

   – **PSC COUNTER – Eliminated from to-be interface**

► **Field-length Increases**

What Is the Technical Approach?

Integrated
Acquisition
Environment **IAE**

Document Formats

Access Methods

- ► **Extracts will be provided in multiple ways to meet various needs:**
  - ▪ **As a flat file (https/ftp) for access to the full extract**
  - ▪ **Via web services (i.e., in XML)**
- ► **Existing interfaces will be migrated as-is—for the first 6 months**
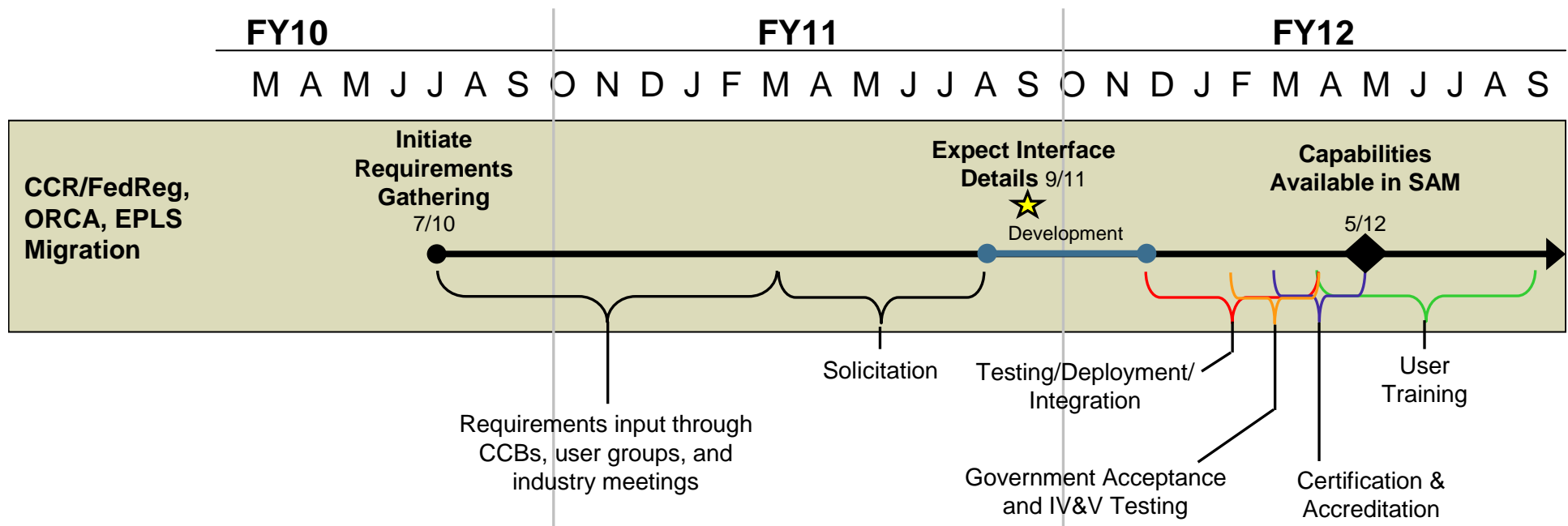
Will Certification Be Required?

► **There will be a new process for requesting an extract**

- Determination of business need for the data

- Will require Government POC approval

- May require security officer approval

► **Interface certification will be required**

- Testing

- Signed interface specification/agreement

► **Interfaces will be tested with external partners during all test phases**

► **Interfaces will be certified as ready for production after verification in the Government Acceptance Test (GAT) phase**
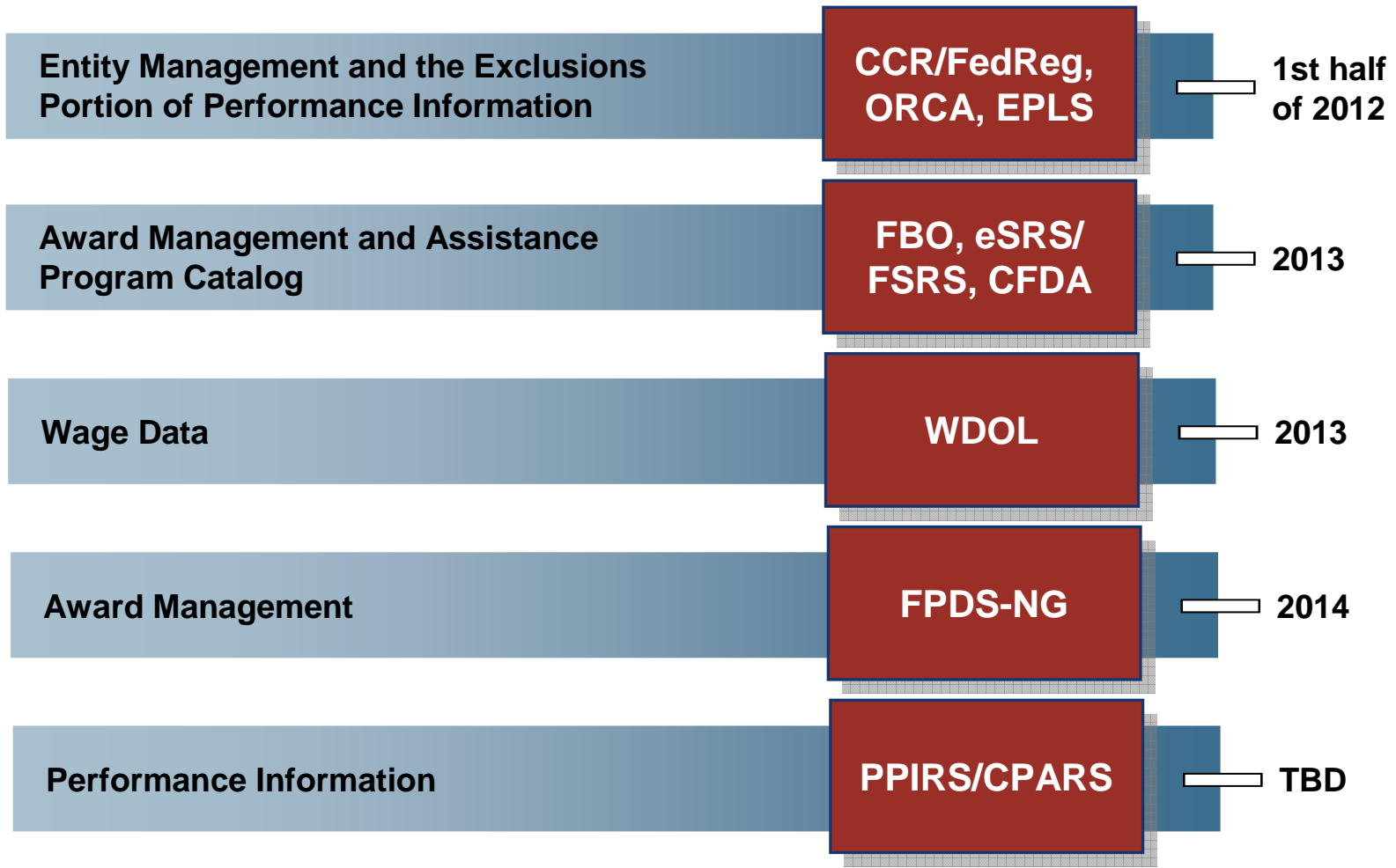
What's Next

► **Interface details (to data element level) will be provided about one month after award of the SAM Development contract**

FY10	FY11	FY12
M A M J J A S	O N D J F M A M J J A S	O N D J F M A M J J A S

CCR/FedReg, ORCA, EPLS Migration

Initiate Requirements Gathering 7/10

Expect Interface Details 9/11
⭐
Development

Capabilities Available in SAM
5/12

Requirements input through CCBs, user groups, and industry meetings

Solicitation

Testing/Deployment/ Integration

Government Acceptance and IV&V Testing

Certification & Accreditation

User Training

► **Subsequent migration groups will follow this same pattern.**

When Are the Next Changes?

Entity Management and the Exclusions Portion of Performance Information	CCR/FedReg, ORCA, EPLS	1st half of 2012
Award Management and Assistance Program Catalog	FBO, eSRS/ FSRS, CFDA	2013
Wage Data	WDOL	2013
Award Management	FPDS-NG	2014
Performance Information	PPIRS/CPARS	TBD

Next Steps for You

► Plan for Changes

- Estimate and budget for changes in legacy system interfaces and SAM interfaces

- Include plans for interface changes in release schedules
  - Development
  - Test
  - Certification

► Stay Informed

- Continue to attend these meetings

► Contribute

- Communicate with us about pain points (send email to askSAM@gsa.gov)

- Plan to participate in testing