

iManage Industry Day



Connecting Our People, Simplifying Our Work, Liberating Our Data

portal.doe.gov



Welcome Presentation

Monica Serrano

United States Dept of Energy (DOE)

HQ Office of Procurement

**All information provided at Industry Day
and discussed at the One-on-One sessions is
preliminary and subject to change based
on the final Acquisition Strategy and Solicitation**

**Presentation materials will be distributed
hard-copy and will be posted to:**

DOE Website

**[https://cms.doe.gov/management/office-
management/operational-
management/procurement-and-acquisition/major-
contract](https://cms.doe.gov/management/office-management/operational-management/procurement-and-acquisition/major-contract)**

FedBizOpps www.fbo.gov

FedConnect www.fedconnect.net

Improving Federal IT Management

- The Federal Gov't invests billions in IT each year to help agencies accomplish their missions.
- In 2010 the White House introduced a 25 point implementation plan to reform federal IT Management
- Two key parts of the plan
 - Achieve Operational Efficiency
 - Effectively Manage Large Scale IT Programs

Achieve Operational Efficiency

As part of the IT transformation, the Federal Government has shifted its mindset from building custom systems to adopting light technologies and shared solutions.

Why is Industry Day important?

- *Attending Industry day is key for contractors*
- *Early, frequent and constructive engagement with industry leads to better acquisition outcomes*

Objectives of Industry Day

- Develop a procurement strategy that efficiently and effectively meets evolving program requirements
- Identify creative approaches not yet considered
- Maximize competition
- Exchanging information on upcoming acquisitions improves understanding of Government requirements and Government understanding of industry capabilities
- Soliciting industry input for strategies or enhancements to consider in developing the requirements

Why is Competition Important?

- Competition is the Cornerstone of the Federal Acquisition System
 - Satisfying the DOE program customer in terms of Cost, Quality, and Timeliness of Delivered Product or Service
 - Using Contractors that Have a Track Record of Successful Past Performance
 - Conducting Business w/ Integrity, Fairness and Transparency
- Fulfilling Public Policy Objectives

How to do Business with DOE

- (1) Doing your research**
- (2) Finding contracts**
- (3) Interacting with contractors and purchasers**

(1) Doing your research

- Get ready to register. Familiarize yourself with your North American Industry Classification System codes ([NAICS](#)), and obtain a Data Universal Numbering System ([DUNS](#)) so you can register with the Central Contract Register (below).
- Register with [SAM.gov](#) if you plan to work for a Federal agency. The System for Award Management (SAM) replaces CCR, ORCA, and EPLS. If you have an active record in CCR, you have an active record in SAM.
- The more complete your profile and capabilities statement, the better it looks.

(2) Finding contracts

- Register with [FedConnect](#) to view current business opportunities, receive solicitations, and submit proposals. (**Read the FedConnect Tutorial*)
- Find opportunities on the [General Services Administration](#). Vendors interested in becoming GSA Schedule contractors should review the [Getting on Schedule](#) page.
- As procuring offices rely more and more on Federal supply schedules (FSS) and government-wide acquisition contracts (GWAC), consider becoming an FSS or GWAC contract holder since accessibility to your firm is important.

(3) Interacting with other contractors

- Focus on networking with other contractors, and take the time to learn about contract and proposal writing on your own, and do your research on the Department of Energy offices or labs in your area.
- Consider joining DOE [mentor-protégé](#) program.
- Contact DOE Small Business office. Send an email to smallbusiness@hq.doe.gov or call (202) 586-7377.

Types of contracting opportunities

- **Prime Contracting** – you hold the contract
- **Subcontracting** – a larger company holds the contract and you get to work on a piece of it

DOE and Small Businesses

DOE is committed to increasing the contracting opportunities awarded to small and disadvantaged businesses, establishing goals, and developing practices and programs to encourage and increase small business participation in departmental procurement opportunities, and guiding small and disadvantaged businesses through the process of contracting with the Federal government.

Upcoming Major Solicitation

**Office of the Chief Financial Officer (CF-40)
iManage Operations and Maintenance
Support Services Requirement**

**Capabilities Statements deadline extended to
Friday Aug. 24, 2012 at 8am.**

Please email imanage.om.procurement@hq.doe.gov

iManage O&M Support Services

- **Timeline for Request for Proposals (RFP)**
 - **Fall/Winter 2012/2013**
- **Period of Performance**
 - **1 year Base with four 1 year option years**

Potential Acquisition Strategy

- *Cost Plus Award Fee/ Cost Plus Fixed Fee/Firm Fixed Price*
- *Best Value Solicitation*
- *Any other questions at this point can not be answered until an acquisition strategy is finalized. We are currently in the market research phase of the acquisition process for this requirement.*

Questions after Industry Day

- Future communications from interested parties should be sent to:

Contracting Office

Office of DOE HQ Procurement

1000 Independence Ave

Washington DC 20585

Monica Serrano

imanager.om.procurement@hq.doe.gov

- Upon final solicitation release, communications shall only take place with the Contracting Officer

Questions & Answers

- Questions and answers addressed by today's panel will be posted on FedBizOpps, FedConnect and DOE Website by August 31, 2012.
- As many questions as possible will be answered during the Q&A session. Those not answered here will be posted on an FAQ.

Question & Answer Process

- Submit questions by using Index Cards (provided throughout the room)
- Write whether your question applies to iManage Office or Contracting Office
- Pass to end of the row – cards will be collected and read

iManage Industry Day

Presented by : Lajos Grof-Tisza



Connecting Our People, Simplifying Our Work, Liberating Our Data



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- What is iManage
- Five Year Roadmap
- **STARS** – The DOE Accounting System
- **STRIPES** – The DOE Procurement System
- The Enterprise **Portal & IDW**
- Questions



Connecting Our People, Simplifying Our Work, Liberating Our Data

What is iManage



- The iManage Program is consolidating and streamlining Department-wide efforts to integrate financial, budgetary, procurement, personnel, program and performance information.
- This unified system is supported by a central data warehouse and portal that links common data elements from each of the Department's business systems and supports both external and internal reporting.



iManage connects our key corporate systems and data together under one umbrella.



Human Capital
CHRIS



Financial/ Budget
STARS / iBudget



Procurement
STRIPES



Program Management
EPAT / P6

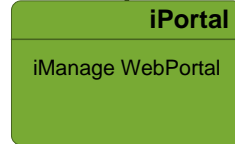
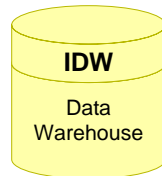
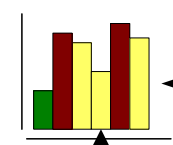
iManage Architecture Overview

iManage Unified Systems

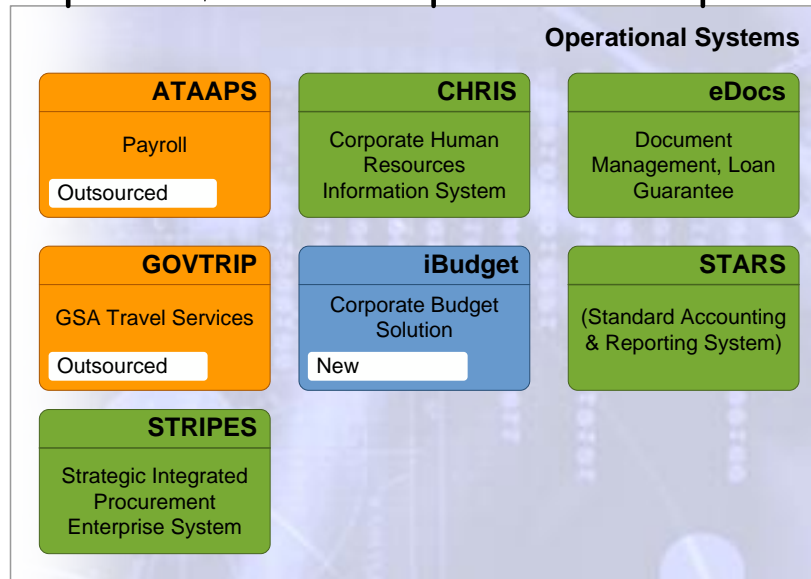
Financial Statements



Program Targets



Users



Internal (DoE) Interfaces

BEARS/FCDS

Field Budget Systems

DoE Info

Personnel Name / Contact Info

WCF

Working Capital Fund

C-Web/SPS

Small Purchase System

FDS

HQ Budget Execution

DoE E-Mail

VIPERS/VIAS

Vendor Invoice Rept. / Tracking

External Interfaces

CCR

Central Contractor Registry

FedConnect

RFP / Response

GOVTRIP

Travel Authorization

Contractor

Integrated

FMS/ASAP

Obligations / Payments (Grants)

BEFM

Treasury BFLOB Formulate/Publish

Contractor

Non-Integrated

FMS/H2H

Payment Info

BEFM - PMM

Treasury BFLOB Performance

FedBizOps

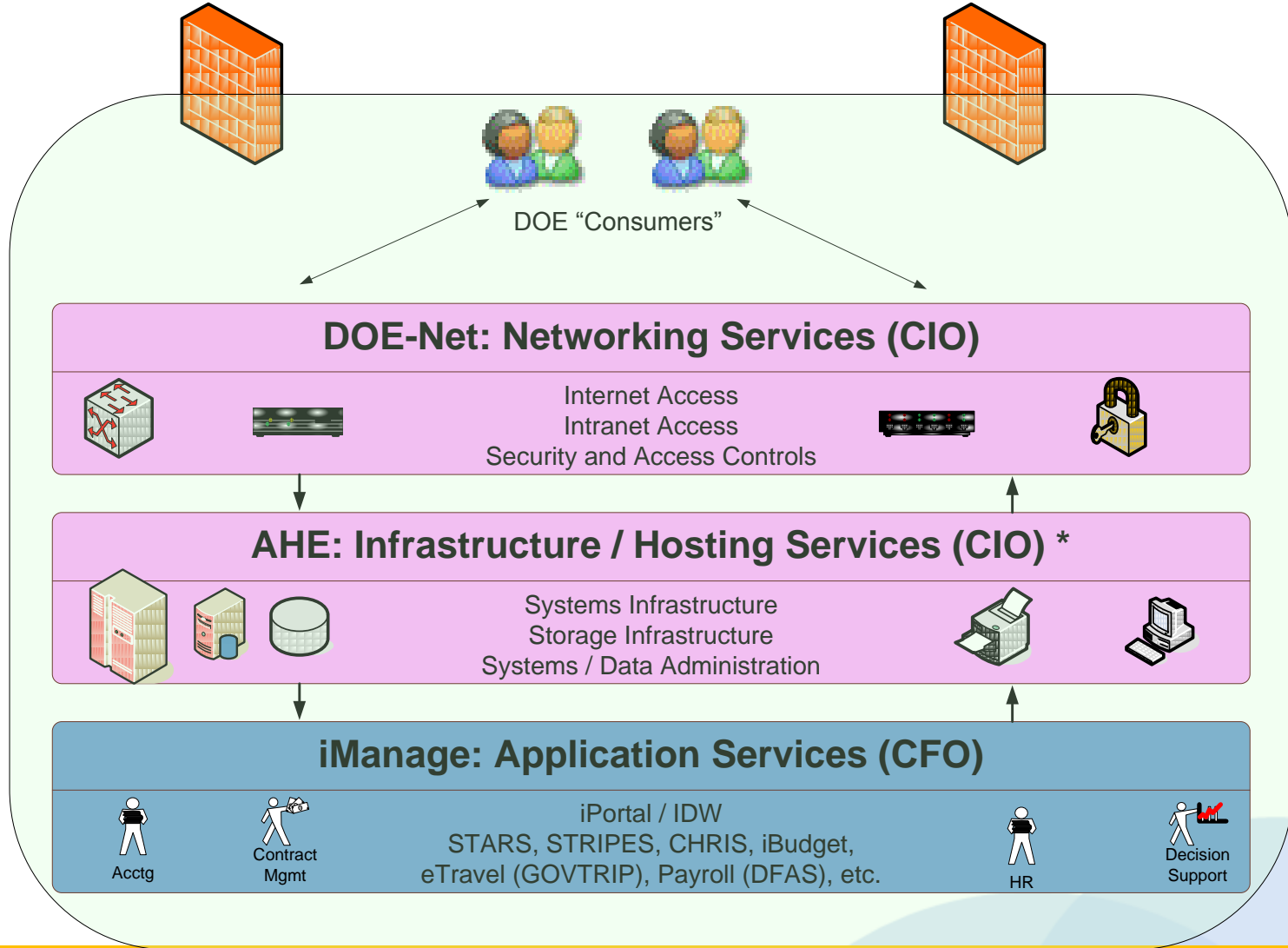
Public Website / Procurement Ops

FPDS-NG

eGov Procurement Info

PMA

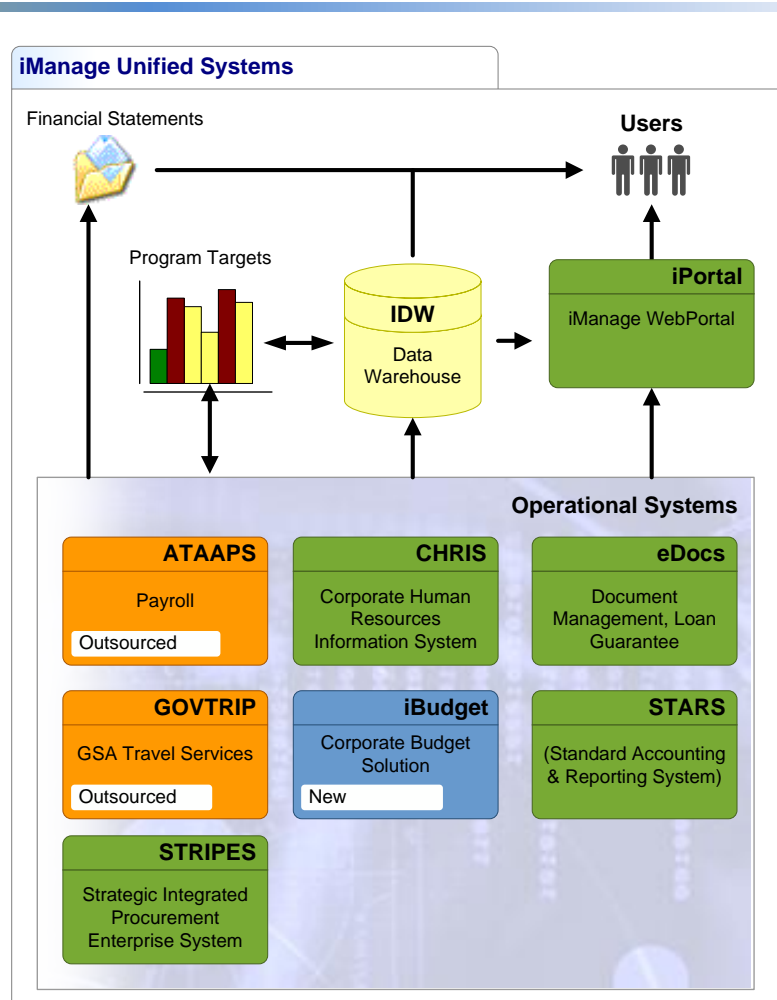
Monthly Financials



iManage Projects – Overview

System	Software Platform	Status
CHRIS	PeopleSoft ERP	Production
DFAS/ATAAPS	Outsourced	Production
GovTrip	Outsourced (NGMS)	Prod - ETS2 in FY14
iBudget	Formulation/ Legacy Funds Distribution System (FDS)	Formulation - Discovery FDS – Discovery/COTS Selection
IDW	Oracle Data Warehouse/BI	Production / Continuous Development
iPortal	Oracle	Production / Continuous Development
STARS	Oracle ERP	Production / Upgrade to R12 in FY14/5
STRIPES	Compusearch/PRISM	Production / Upgrade to Rel 7.1 (Core Branch)

- High percentage of COTS software
 - Configuration versus Customization
 - Aligned with Vendors' strategic direction
- Focus on open standards, use of API's, interoperability "out of the box"
- IDW consolidates report functions, reduces load on transaction processing systems



- **Standard Accounting and Reporting System (STARS):**

STARS provides DOE with a modern, comprehensive, and responsive financial management system that is the foundation for linking budget formulation and execution, financial accounting, financial reporting, cost accounting, and performance measurement. The system processes DOE accounting information, including General Ledger, Purchasing, Accounts Payable, Accounts Receivable, and Fixed Assets. The system also includes budget execution functionality for recording appropriations, apportionments, allotments, allocations, and provides funds control for commitments, obligations, costs, and payments.

STARS is used by all DOE HQ and Field Organizations except for the Power Marketing Administrations (PMA). STARS generates the Department's Consolidated Financial Statements, which includes the PMA data. STARS uses Oracle Federal Financials, version 11.5.10 (planning upgrade to Release 12).

- **Corporate Human Resource Information System (CHRIS):**

CHRIS is a single, integrated Human Resource (HR) system that provides HR information and services to the Department's executives, managers, and employees. It has two major components: a web-based commercial off-the-shelf (COTS), PeopleSoft 9.1, which runs on an Oracle relational database and an automated recruitment support COTS, Monster's Hiring Management.

The primary objectives of CHRIS are to enhance operational efficiencies, reduce paperwork, eliminate redundant information systems, eliminate non-value added work, and provide information for informed HR management decisions. CHRIS is DOE's system of record for official personnel and training transaction processing.

- **Strategic Integrated Procurement Enterprise System (STRIPES):**

STRIPES encompasses activities required or directly associated with planning, awarding, and administering various unclassified acquisition and financial assistance instruments. In general terms, the required activities are comprised of the following functions: acquisition/financial assistance planning; pre-solicitation documentation generation; solicitation development; evaluation and award; administration, including approving payment requests; and instrument closeout.

Additional functions provided, which are directly associated with the planning, awarding, and administering of the instruments, include: interfacing with internal and external systems, such as STARS, the iManage Data Warehouse, FedBizOpps, FedConnect, and the Central Contractor Registration, Grants.Gov; workload management; workflow capabilities; and appropriate reporting capabilities for both internal and external purposes. STRIPES will eliminate 30 or more existing, redundant electronic tools, streamline the process, improve the quality and timeliness of acquisition and financial assistance award information, and improve interoperability and information sharing with other DOE and external systems.

STRIPES is based on CompuSearch PRISM version 6.5 service pack 2. STRIPES also uses Oracle Application Server's Enterprise Service Bus (ESB) component to facilitate integration with STARS, and integrations with the Power Marketing Administration (PMA) financial management systems.

- **iBudget**

The primary objectives for iBudget are to automate the budget formulation process, modernize the budget distribution process, improve integration of budget and performance, and automatically publish the Department's budget highlights/volumes. When fully implemented, iBudget will help standardize and streamline the budget formulation and execution processes, provide much improved budget analytical capabilities, and integrate with other business management and field systems.

Funds Distribution/Budget Execution, is currently being supported by a legacy system (Funds Distribution System). This system is being migrated off of the Department's mainframe and modernized to provide continued support. A special team is being established to review the funds distribution processes. Decision pending on long-term future of Funds Distribution System or a replacement system.

- **eTravel (GovTrip):**

eGov Travel is a GSA-managed government initiative providing a collaborative, interagency program for agency travel services. Its purpose is to realize cost-savings and increased service associated with a common, automated, and integrated approach to managing the travel function of the federal government's civilian agencies. eTravel services are commercially hosted to minimize technology costs to the government and guarantee refreshed functionality.

GovTrip was selected as the DOE eTravel solution. GovTrip is owned and operated by Northrop Grumman Mission Systems (NGMS) and hosted at their facility. The next generation travel provider has been awarded by GSA, and is currently under protest. DOE will be positioned to act quickly as soon as the protest has been resolved.

- **iManage Data Warehouse (IDW) and Portal (iPortal):**

IDW is a corporate enterprise system integrating financial, budgetary, procurement, personnel and program information. It is a central data warehouse linking common data elements from multiple DOE corporate business systems including human resources, payroll, procurement, financial management and financial management legacy systems. This data is integrated, aggregated and summarized to provide mission critical reporting and query capability.

The iPortal is/will provide personalized dashboards, messaging (thresholds/alerts), discussion boards, collaboration capabilities, news, reporting, graphing, and data exchange capabilities to DOE executives, managers and staff.

Access to the iPortal and IDW is available via the DOE corporate network.

IDW uses an Oracle Enterprise Database (10gR2 & 11g) and Oracle Data Warehouse/Business Intelligence software.



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Five Year Roadmap

iManage Transition (1.0 – 2.0)

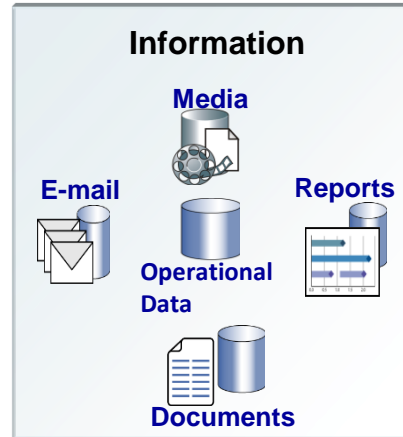
iManage 1.0

iManage 2.0

2003 - 2010

Focus on replacing, integrating legacy systems:

- STARS (financial), CHRIS (HR), and IDW (data warehouse) operational
- Procurement (STRIPES) fully deployed across DOE
- Payroll – Outsourced
- Travel – Acquiring services from ETS (NGMS) will be transitioned to ETS2
- Budget (iBudget) – Will soon look at solution for formulation/publication and to modernize/enhance FDS for distribution/execution



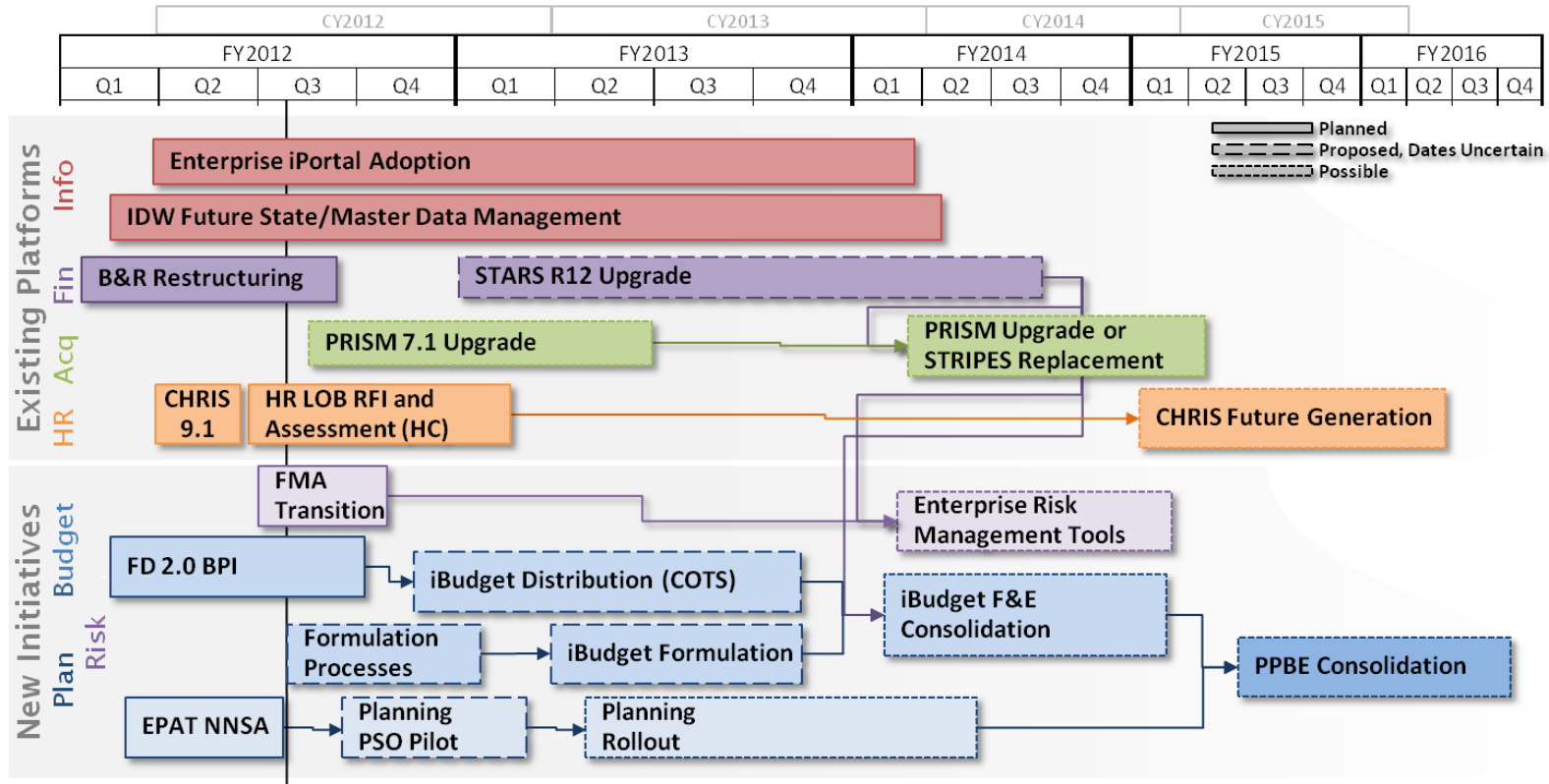
“Connecting Our People, Simplifying Our Work, and Liberating Our Data”

2010 and beyond

- iPortal deployed, continues to evolve
- Improved access to experts/peers through iPages (People Profiles)
- Transformation and enhanced decision support
- Enabling technologies for exception based management, dashboards, alerts, workflow
- Transition to Service Oriented Architecture (SOA)

Key iManage Roadmap Objectives

1. Expand Business Process Improvement Services
(DOE Strategic Plan 2011-- Achieve Operational and Technical Excellence)
2. Transition from Data Analysis to Business Intelligence
(DOE Strategic Plan 2011– Implement a Performance-Based Culture)
3. Integrate Planning, Programming, Budgeting and Execution across DOE
(DOE Strategic Plan 2011– Implement a Performance-Based Culture)
4. Proactively Analyze, Manage and Control Enterprise Resource Risks
(DOE Strategic Plan 2011– Management Principles)
5. Prepare to Leverage Maturing Shared Services and Cloud Technologies
(Continuous OMB guidance and industry technical direction)



Business Risks:

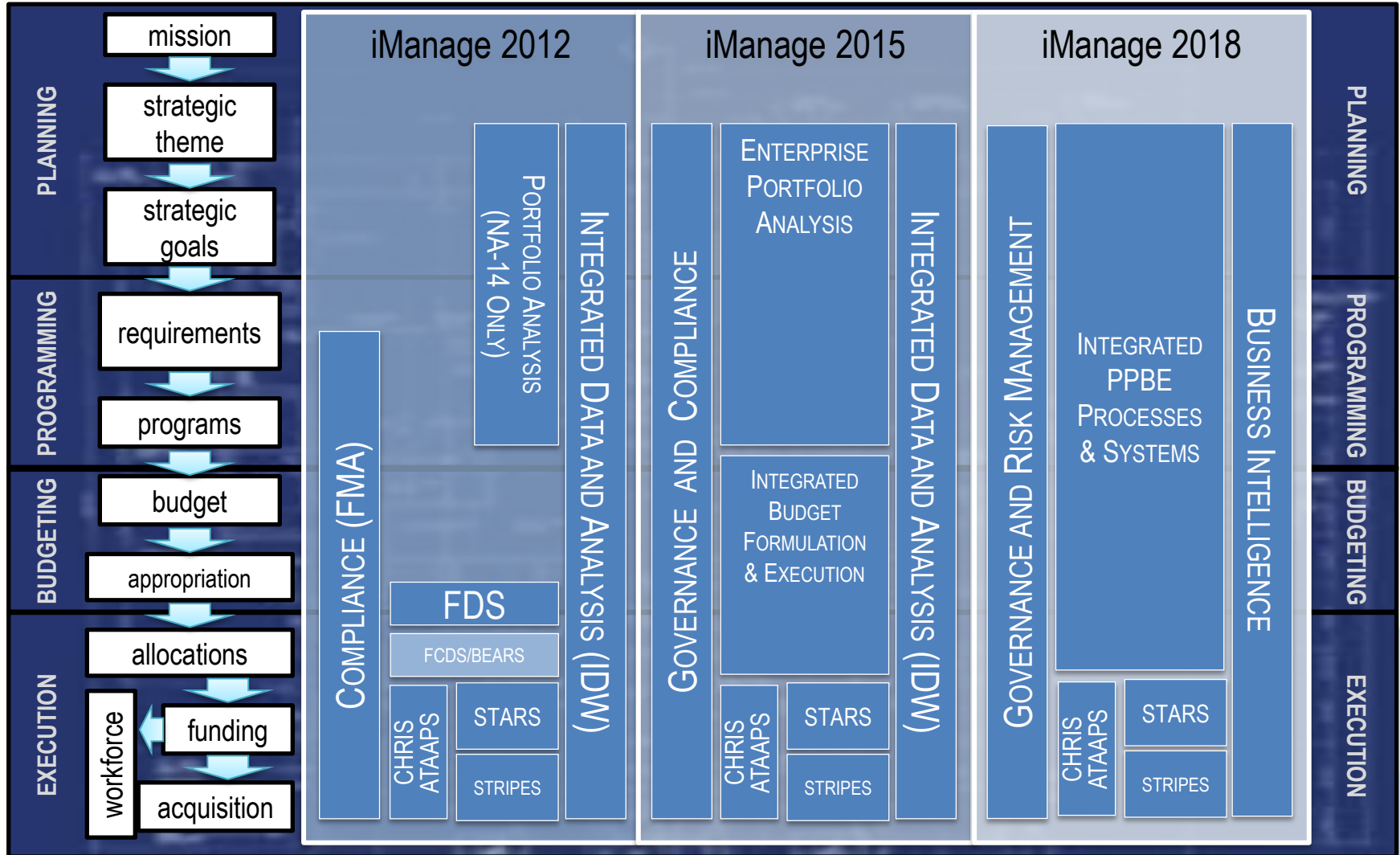
- Current information requires better integration for management decisions.
- Inadequate tools for internal governance and proactive risk identification
- Proliferation of incompatible processes across programs and field.

Current Portfolio Gaps:

- Budget Formulation
- Programming and Planning
- Risk Management

Data Management Needs:

- Common Project ID's
- Common Organizational Structure
- Common Definitions of Program Requirements



- 1. Clearly identify the business goals**
- 2. Link the business goals to process improvement/ systems**
- 3. Continual training and user feedback to improve system usability and return on investment**



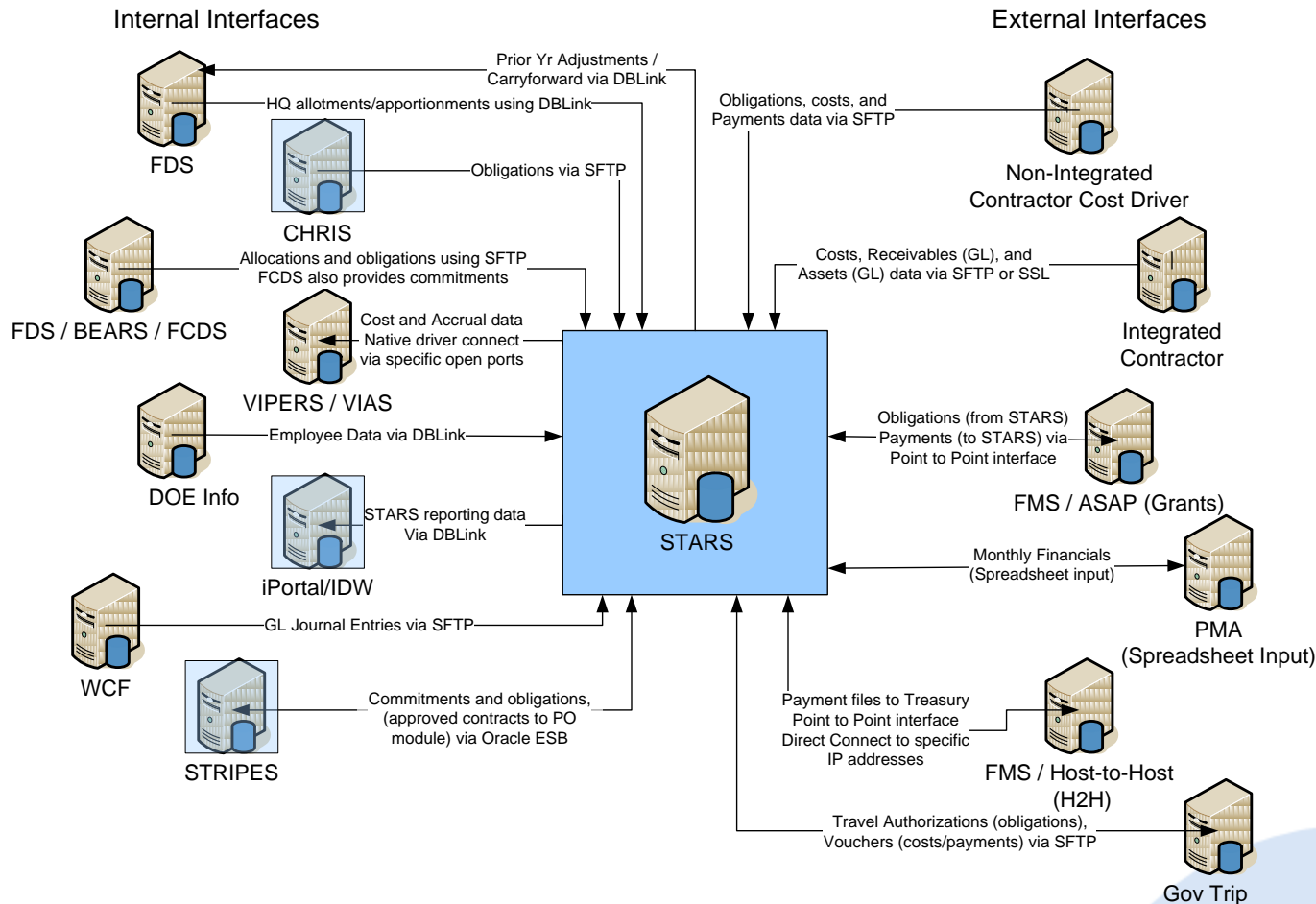
STARS – The DOE Accounting System

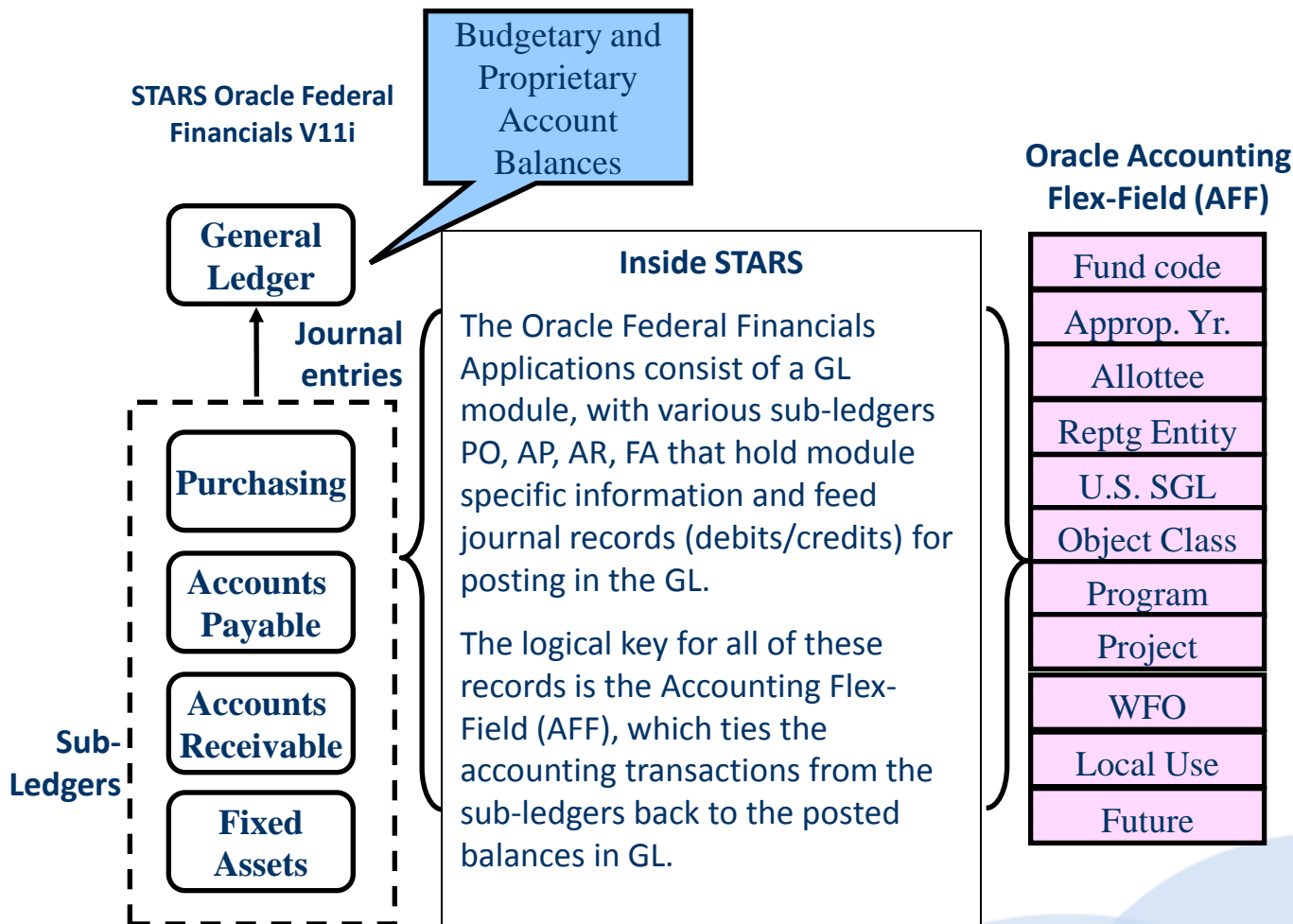
Standard Accounting and Reporting System (STARS)

Oracle Federal Financial Modules Implemented:

1. General Ledger
2. Federal Administrator
3. Purchasing
4. Accounts Payable
5. Accounts Receivable
6. Fixed Assets

iManage STARS Interface Chart





STARS Key Release 12 Features

- New User Interface
- Functional Architecture
- Sub-ledger Accounting Architecture
- XML Publisher

Subledger Accounting Architecture

Central Repository and Engine for Bookkeeping

- Oracle Sub Ledger accounting (SLA) is an accounting hub in Oracle Application Release 12
- Federal Transaction Code based accounting is replaced by SLA
- **Benefits**
 - Efficiently Create Accounting for Multiple, Heterogeneous Source Systems
 - Quickly Update Accounting Rules to Meet New Requirements
 - Enhance Internal Controls
 - Accelerate the Monthly Close

STARS R12 Upgrade Timeline

- First migration with FY11 data only has been completed
- Targeted for FY14

STRIPES – The DOE Procurement System

Strategic Integrated Procurement Enterprise System (STRIPES)

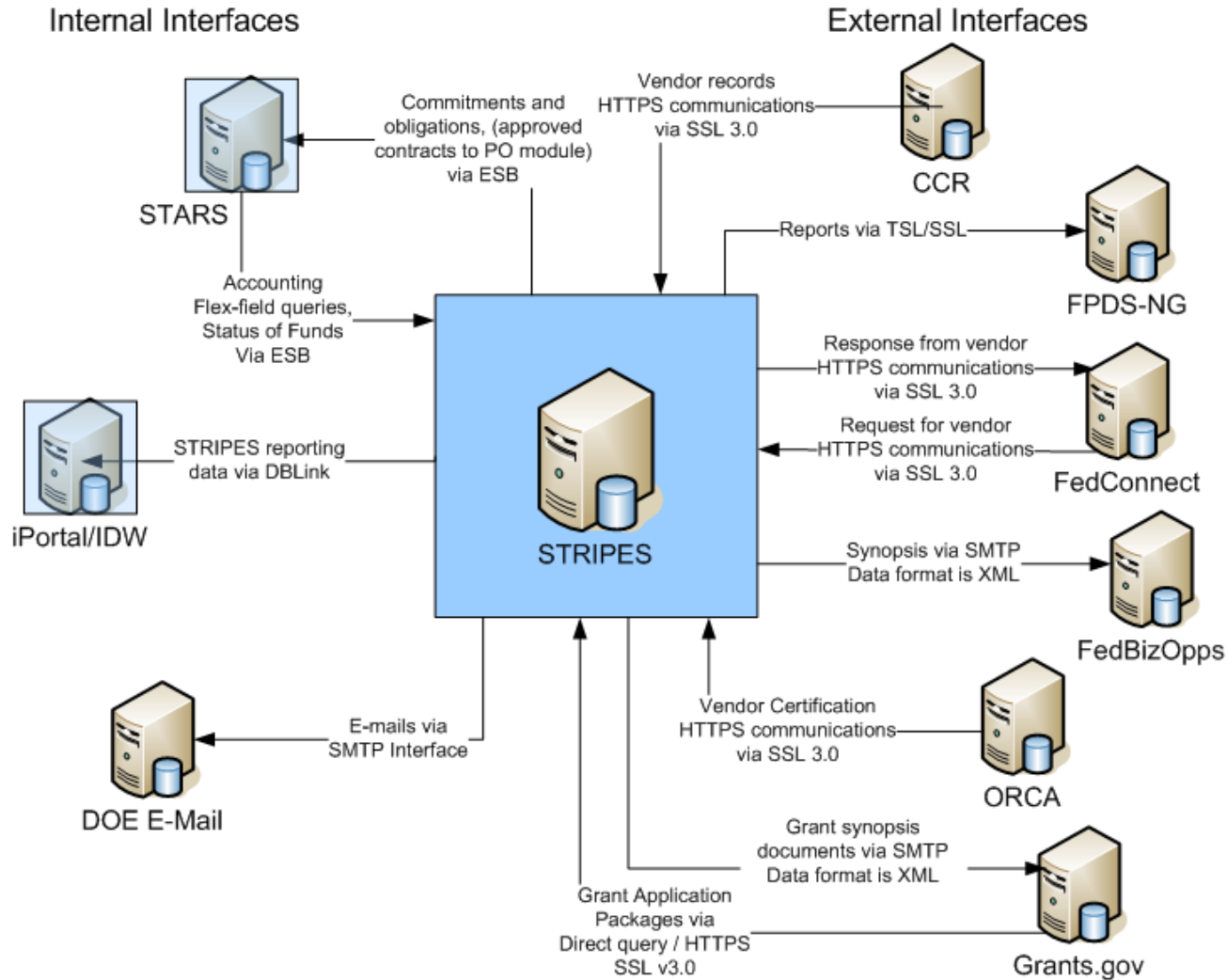
PRISM Modules Implemented:

1. Acquisition
2. Advance Procurement Plan
3. Solicitation
4. Funding Opportunity
5. Requisition
6. Grants
7. Purchase Card
8. FedConnect

Strategic Integrated Procurement Enterprise System

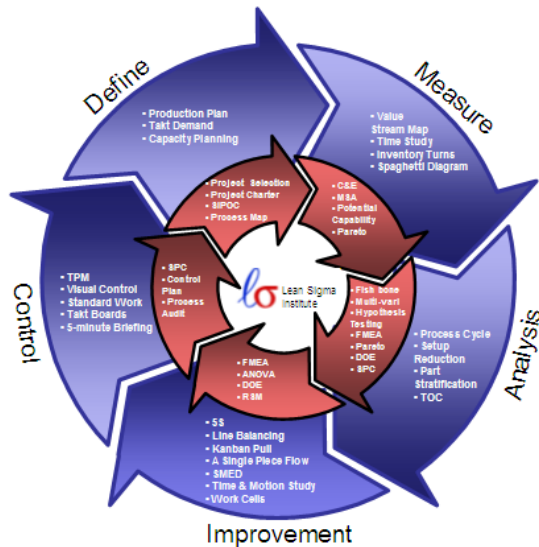
- Improves the efficiency and effectiveness of awarding and administering acquisition and financial assistance instruments.
- Improves the ability of all program offices to perform DOE missions.
- Utilizes existing enterprise financial management functionality to provide an integrated, comprehensive solution.

iManage STRIPES Interface Chart



Expand Business Process Improvement Services

Implement BPI as a service to the entire DOE community



Implement process improvements that:

- Reduce cycle and lag times
- Eliminate redundant and unnecessary steps
- Improve quality and transparency
- Improve manually intensive processes

Repeat the process used successfully at the Office of Science (Financial Assistance) and the Budget Office (Funds Distribution PAT's).

Allowing DOE to:

- ✓ Shift funding/staff to higher priorities or additional enhancements
- ✓ Reduce mission support costs
- ✓ Recover from mass retirements
- ✓ Reduce re-work, project duration
- ✓ Improve outcome predictability

Business Case for Process

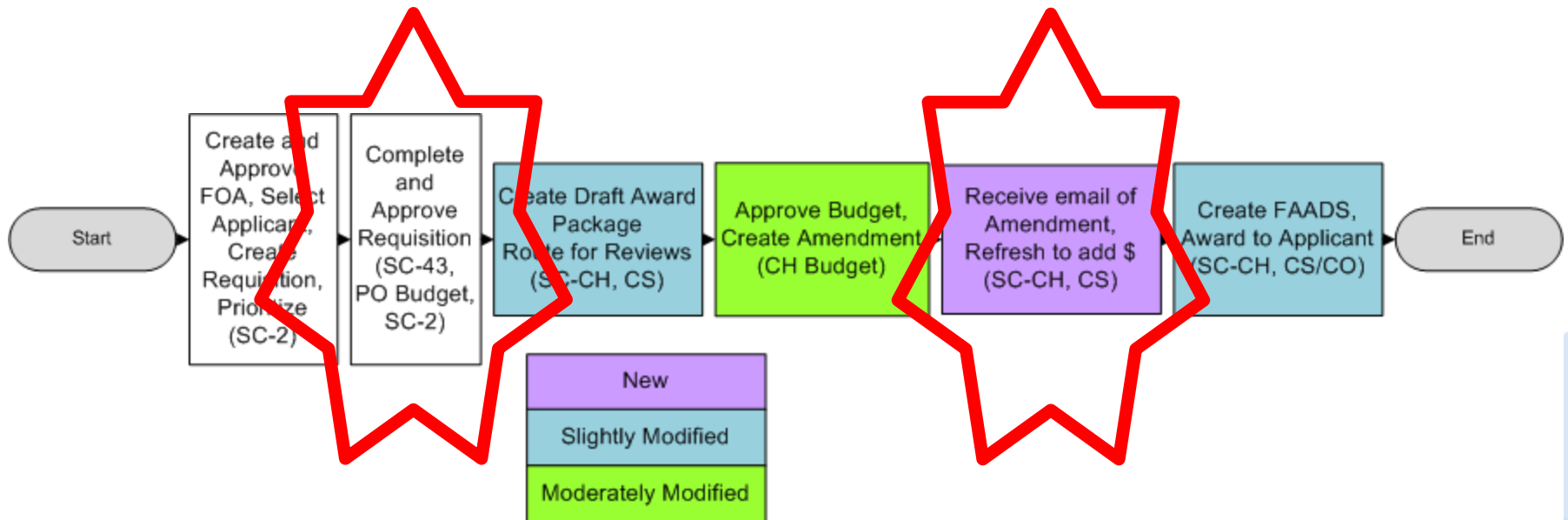
- Lengthy award cycle times
- Increased costs during Fiscal Year End
- Underutilized features in STRIPES caused bottleneck in the STRIPES – STARS integration
- Ultimately, grantees were not receiving funds in a timely matter

Four Categories of Solution Implementation

- 1. Subject to Availability of Funds (SAF) Feature**
allows awards to be processed before the funding is available in the financial system
- 2. Rework Reduction**
decrease the need for additional or improved information to the requisition package
- 3. Action Items**
list of individual actions collected at team event
- 4. Long Term Ideas**
list of actions collected at team event, expected to require additional time or resources

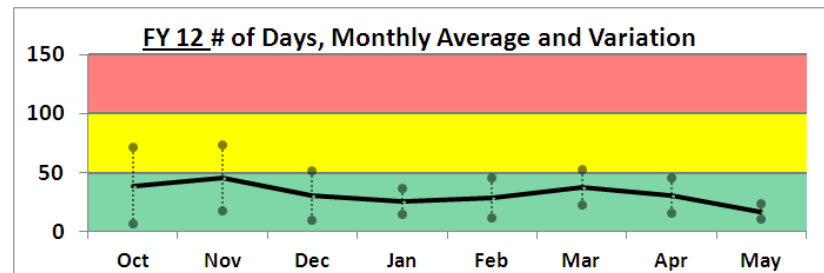
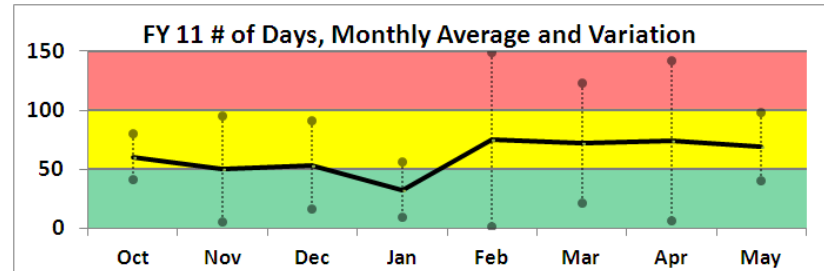
Subject to Availability of Funds (SAF) Feature

Utilization of the SAF feature allows a requisition to be approved and sent to the acquisition office for processing by the contract specialist prior to the funds being available in the STARS Financial System.



- 54% reduction in cycle time
- 60% reduction in variation from average
- Reduction in resource allocation during FY end

Start Mo	Improvement as of 6/6/12					
	54% Reduction in Ave Time to Award 60% Reduction in Variation from Ave					
	FY11 count	FY11 ave	FY11 stdev	FY12 count	FY12 ave	FY12 stdev
Oct	7	61	19	4	39	32
Nov	46	50	45	19	52	28
Dec	30	54	37	55	31	21
Jan	48	33	24	212	26	11
Feb	21	75	74	37	28	17
Mar	31	73	51	74	37	15
Apr	47	74	68	61	30	15
May	314	69	29	24	17	7
	544	64	40	486	29	16





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The Enterprise Portal & IDW

iPortal Functional Breakout

iPortal Solutions



Identity & Access Management

- Singe Sign-On
- Centralized Identity Storage
- Automated Account Maintenance
- Federated Model

Licensing Model

- User based
- CPU based

Web 2.0

- Custom Web Spaces
- Wikies
- Discussions/ Forums
- Blogs
- Content Management Integration
- Instant Messaging
- Web - Conference
- Portlets
- Tagging

Content/ Records Management

- Web Content
- Records
- Image & Process
- Information Rights

Workflow & Application Integration

- Pre-Defined Process Flows
- Cross Application Workflow
- Document Workflow

Decision Support

- Business Intelligence
- Portfolio Analysis & Planning
- Project Management
- Dashboards

Datawarehouse/ Datamart

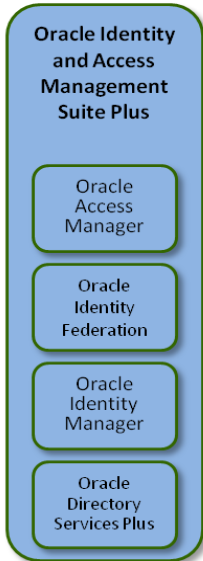
Oracle Warehouse Builder

- Corporate Financial Systems
 - Financial
- Purchasing
- Human Resource
- Document Repository

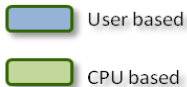
iPortal Toolbox



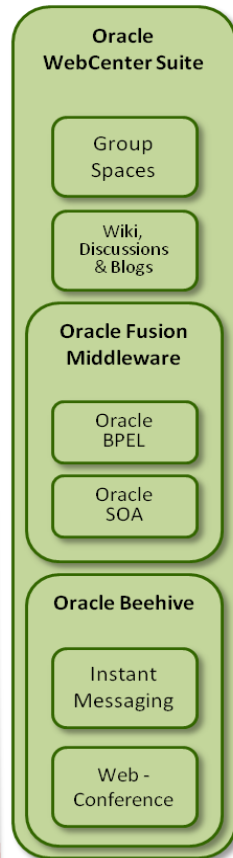
Identity & Access Management



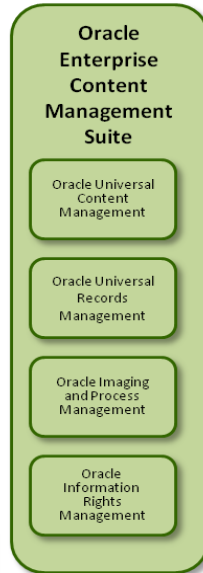
Licensing Model



Web 2.0



Content/ Records Management



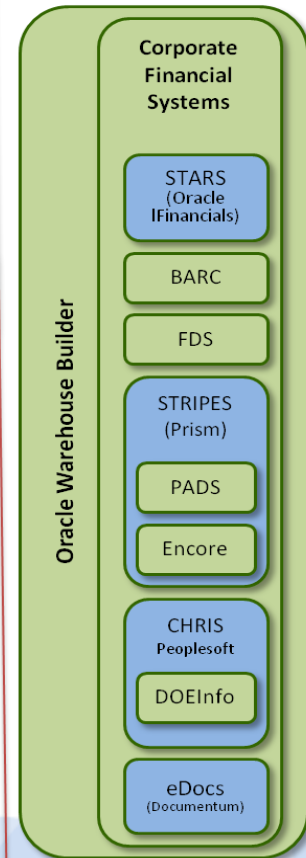
Workflow & Application Integration



Decision Support



Datawarehouse/ Datamart



Options/Cost provided to Program Offices

Option 1

Just use it...

...included in working capital fund!

Option 2

Option 1 +

incremental cost for developer licenses

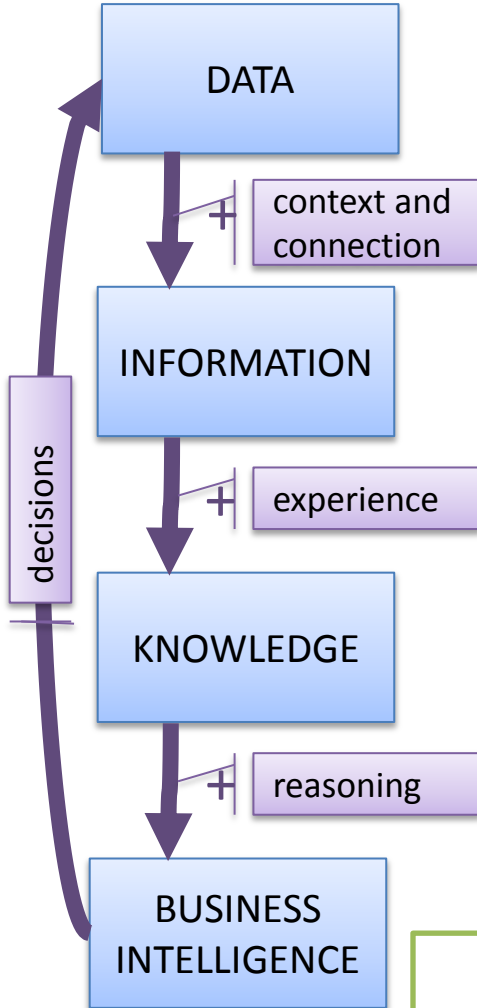
Option 3

Option 1 +

cost of custom development

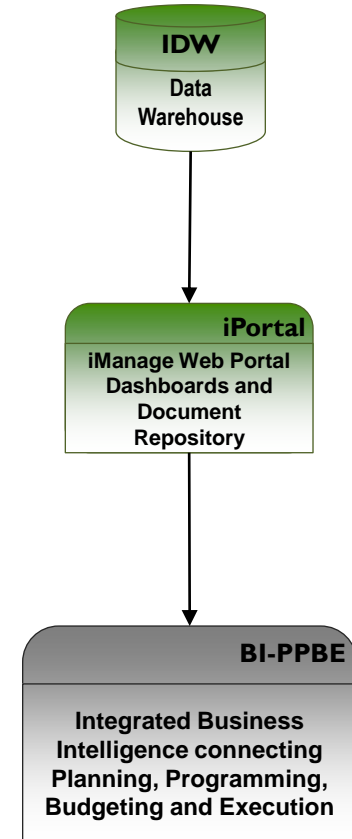
IDW Data Governance / Future State

Transition from Data Analysis to Business Intelligence



Provide Business Intelligence as a service to the entire DOE community

- Create common identifiers and semantics for organization structures, project codes, etc.
- Systems facilitate decision making and visualization, and serve as repositories for data, information and knowledge. People provide the necessary context, experience, and decisions.



True insight requires full integration of planning, programming, budgeting, execution, acquisition, and workforce management.

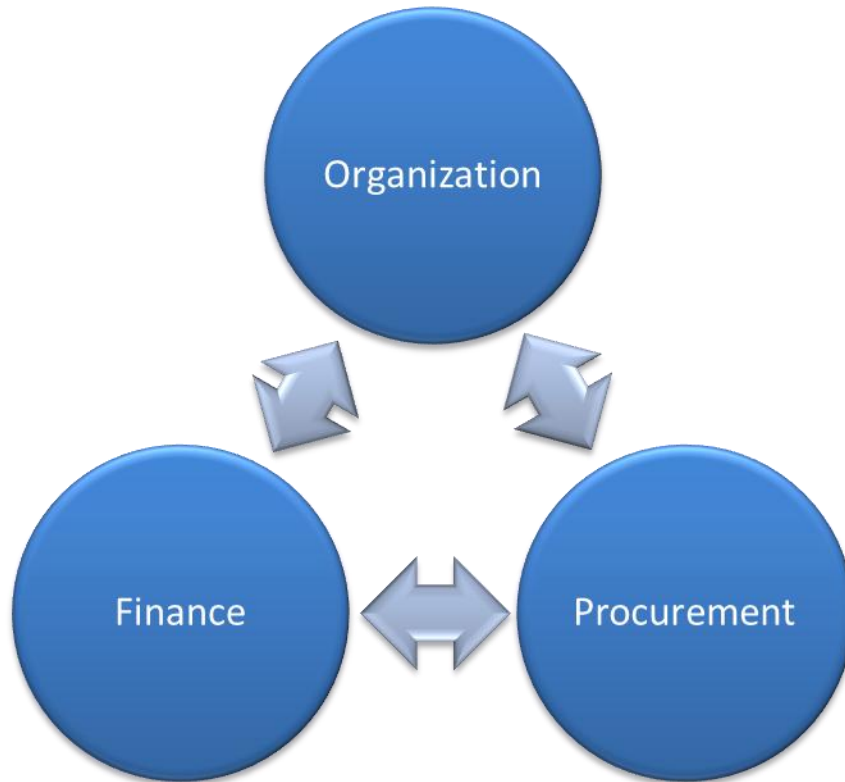
The scope of this project is to create business based subject areas for novice user consumption that are easy to understand and use with minimal training that tie each of the primary business systems together and provide < 5 second average reporting response time.

For ALL BI users to say “BI....

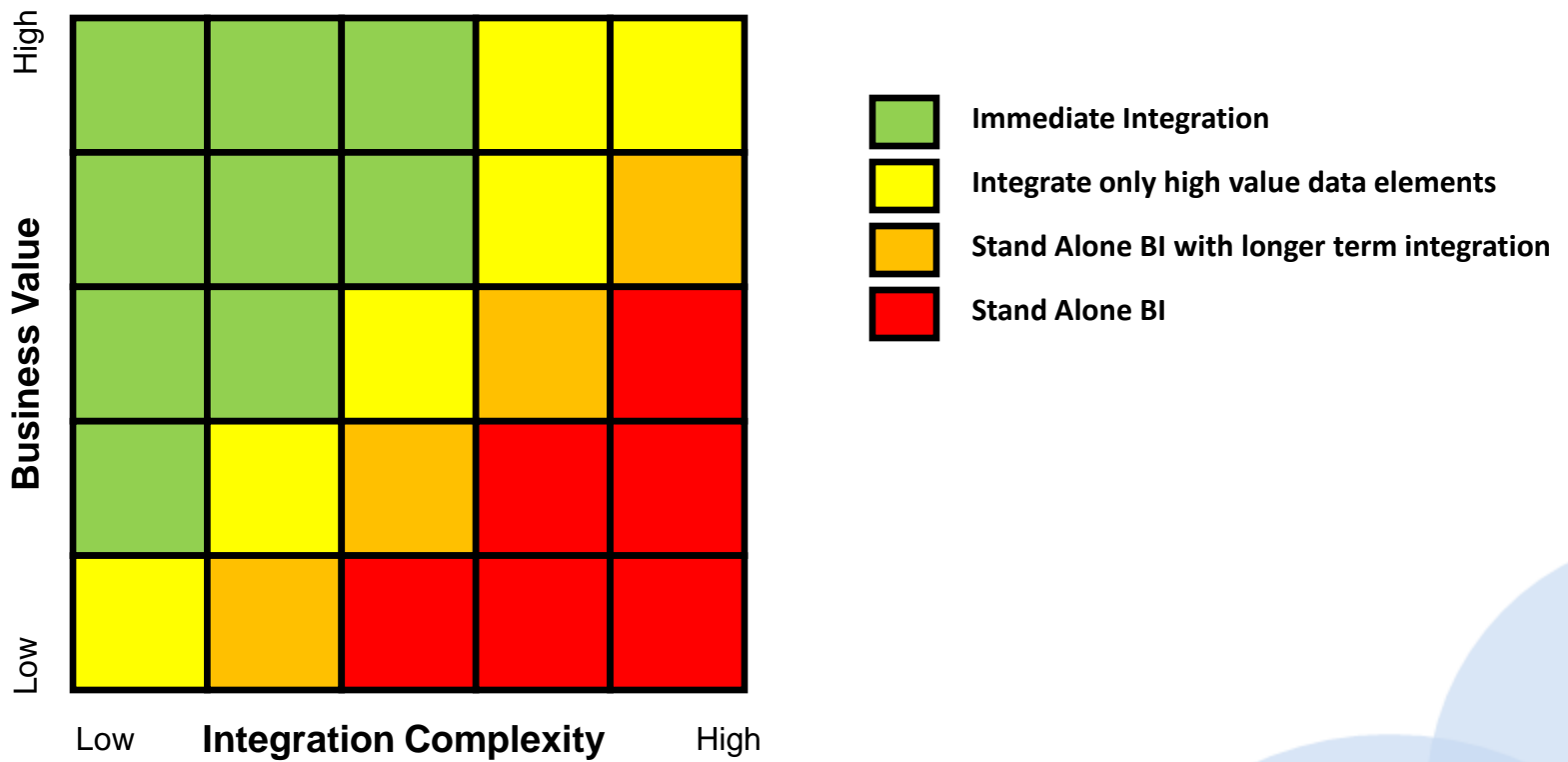
- is easy to use.”
- provides cross cutting information.”
- provides me the key information I need.”
- allows me to manage my business.”
- is something I use daily.”
- is something I NEED to do my job.”

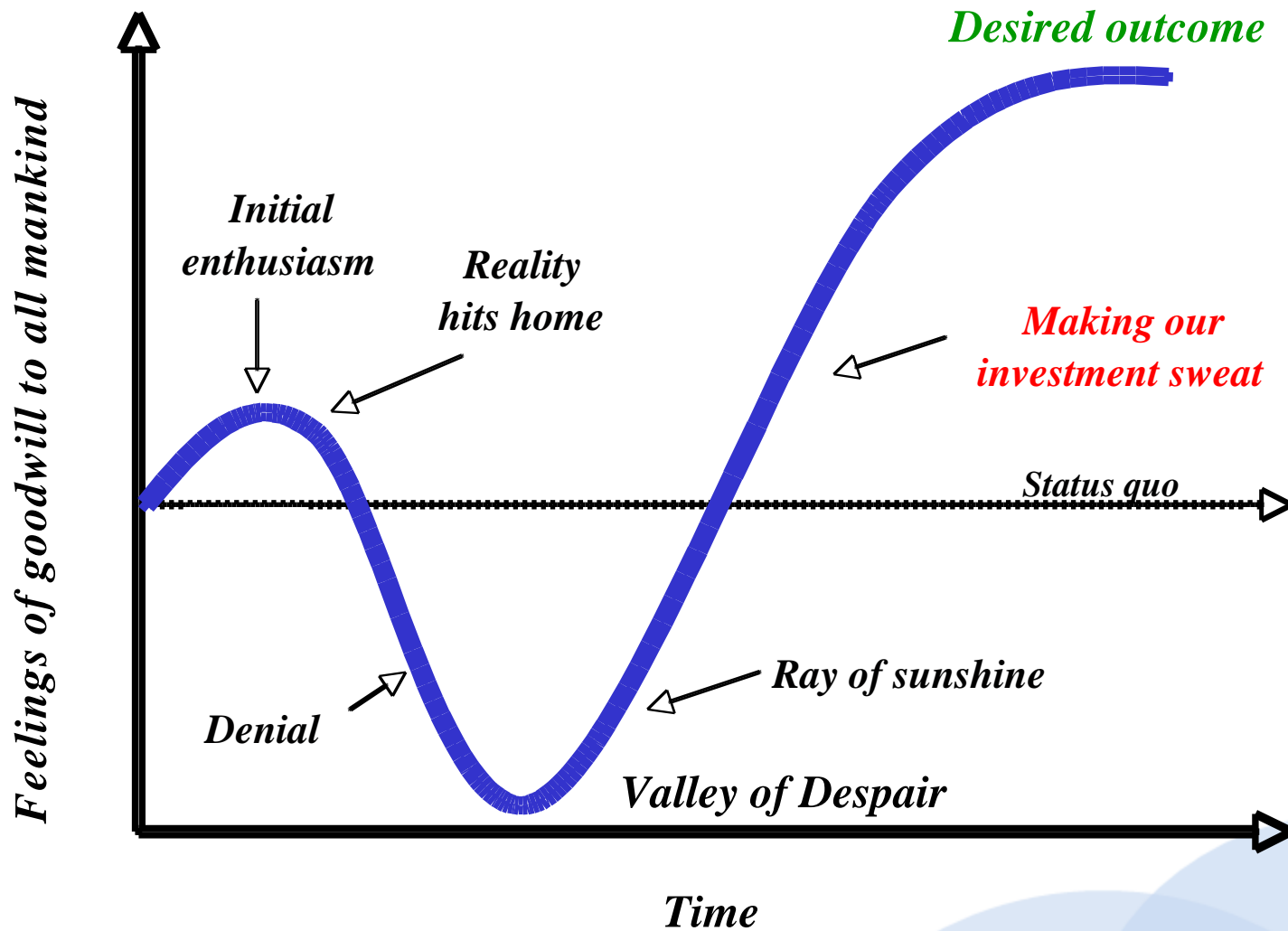
Organization is one of the Keys to Enhanced Data

Defining common elements across the organization will enable data to be combined into unified reports for cross-cutting analysis.



Data Integration Strategy







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Questions?