



Department of Energy  
iManage Program

**U.S. Department of Energy  
Office of the Chief Financial Officer**

**Integrated Management Navigation System (iManage)  
“Leveraging our Corporate System Investments”**

**AFCEA Germantown/DOE Chapter  
DOE IT Day 2008  
Wednesday, August 20, 2008**

Warren L. Huffer, Director,  
Office of Corporate Information Systems  
Office of the Chief Financial Officer



# Agenda

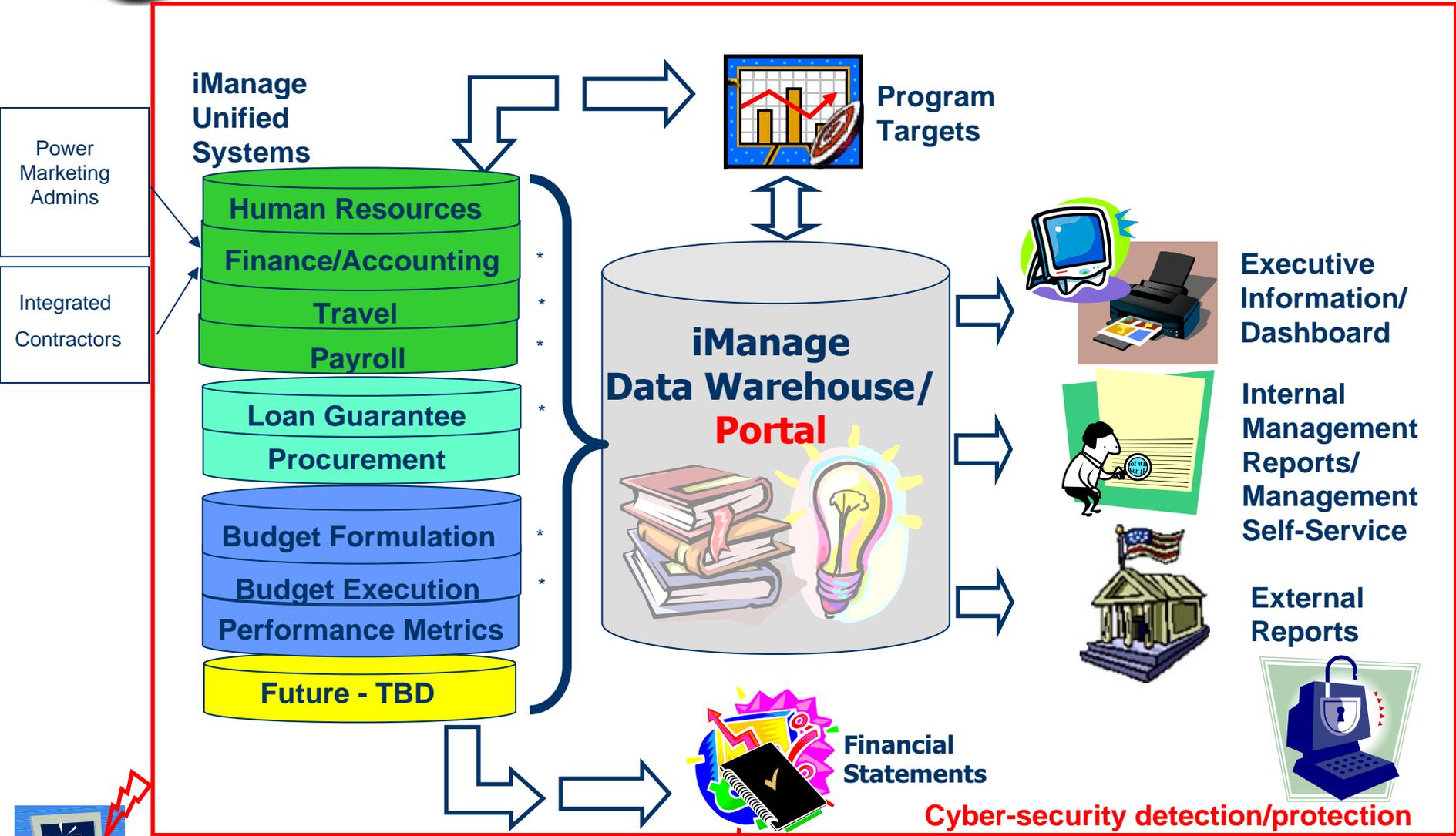
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- **Integrated Management Navigation System (iManage) Program**
  - Vision/Description
  - Strategic Goals/Objectives
- **Overview of Projects**
  - Standard Accounting and Reporting System (STARS)
  - Corporate Human Resources Information System (CHRIS)
  - Strategic Integrated Procurement Enterprise System (STRIPES)
  - Standard Budget System (SBS)
  - eTravel (GOVTRIP)
  - iManage Data Warehouse (IDW)/Portal (iPortal)
- **Q&A**



# iManage Program Vision

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\* Enterprise Financial Management System

8/20/2008



# iManage Program Description

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## iManage

**Connecting our People / Simplifying our Work / Liberating our Data**

- - -

- The iManage Program will consolidate and streamline Department-wide efforts to integrate financial, budgetary, procurement, personnel, program and performance information.
- This unified system will be supported at the core by a central data warehouse that links common data elements from each of the Department's business systems and supports both external and internal reporting.
- Departmental managers will use the central data warehouse as a "knowledge bank" of information about portfolios, programs or projects including budget execution, accumulated costs, performance achieved, and critical milestones met.
- User alerts will be provided based on business rules defined specifically for each program office, and directed to the appropriate executive or manager for action.
- Transactional data and operational reports will also be produced, as required, from the individual corporate business systems.



# iManage Program Strategic Objectives

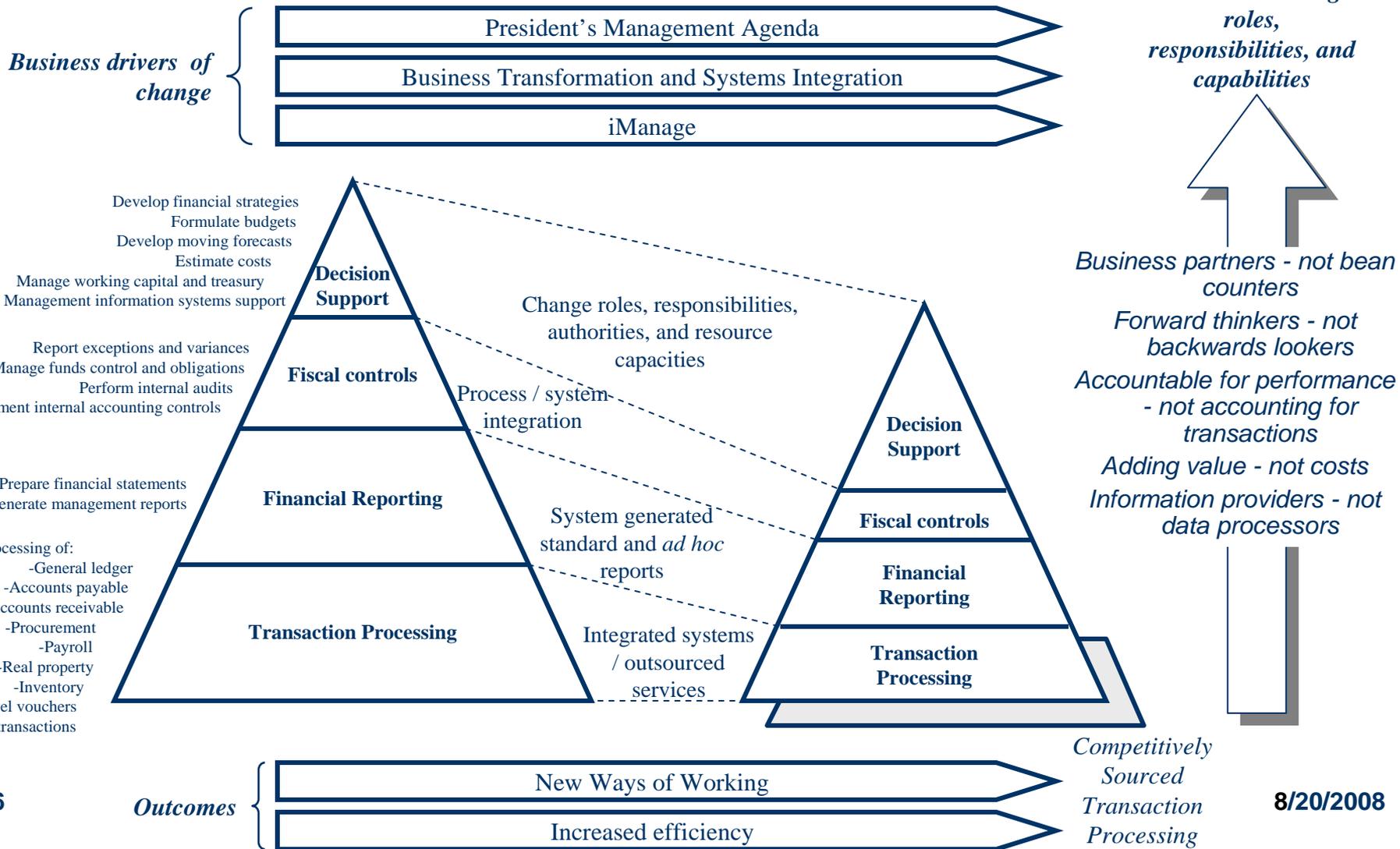
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- **Achieve President's Management Agenda**
  - Financial Performance
  - Budget and Performance Integration
  - Human Capital Management
  - eGovernment
- **Consolidate technology initiatives under one umbrella**
  - Projects managed as a portfolio with visibility and understanding of interrelationships, cost/benefits, dependencies
  - Ensure common goals and objectives are identified and followed
  - Eliminate redundant systems and data
  - Provide more efficient use of finite human resources
- **Establish and follow a blueprint for unified systems**
  - Align with Department's Enterprise Architecture
  - Align with Government-wide Lines of Business
  - Consistent standards, common architecture reduce overall cost
  - Replace multiple, outdated systems
  - Establish strong, consistent standards for cyber-security



# Changing Role of Corporate Systems (CFO Organization)

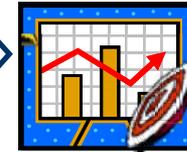
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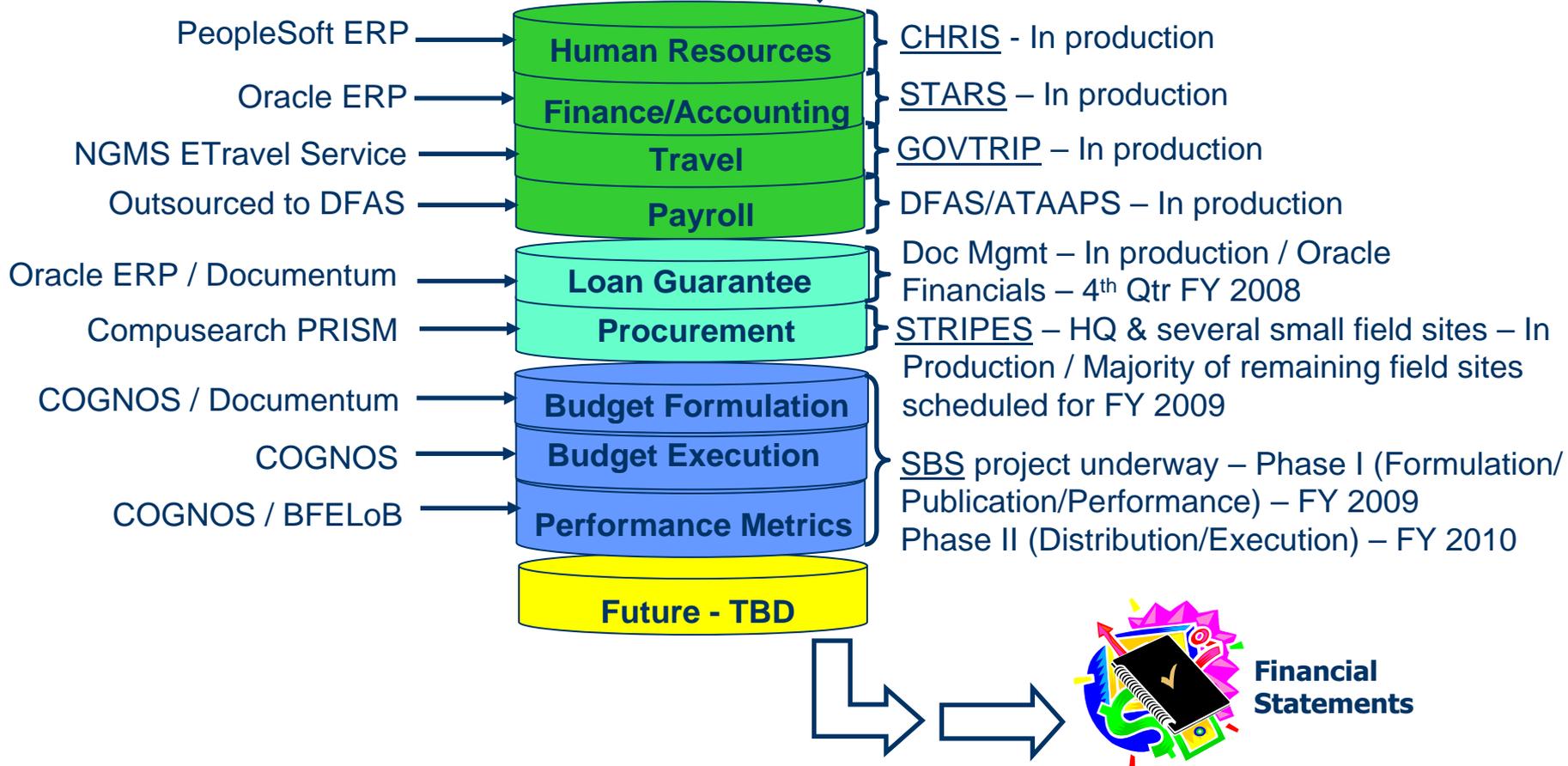


# iManage Projects – Overview

iManage  
Unified  
Systems



Program  
Targets



Financial  
Statements

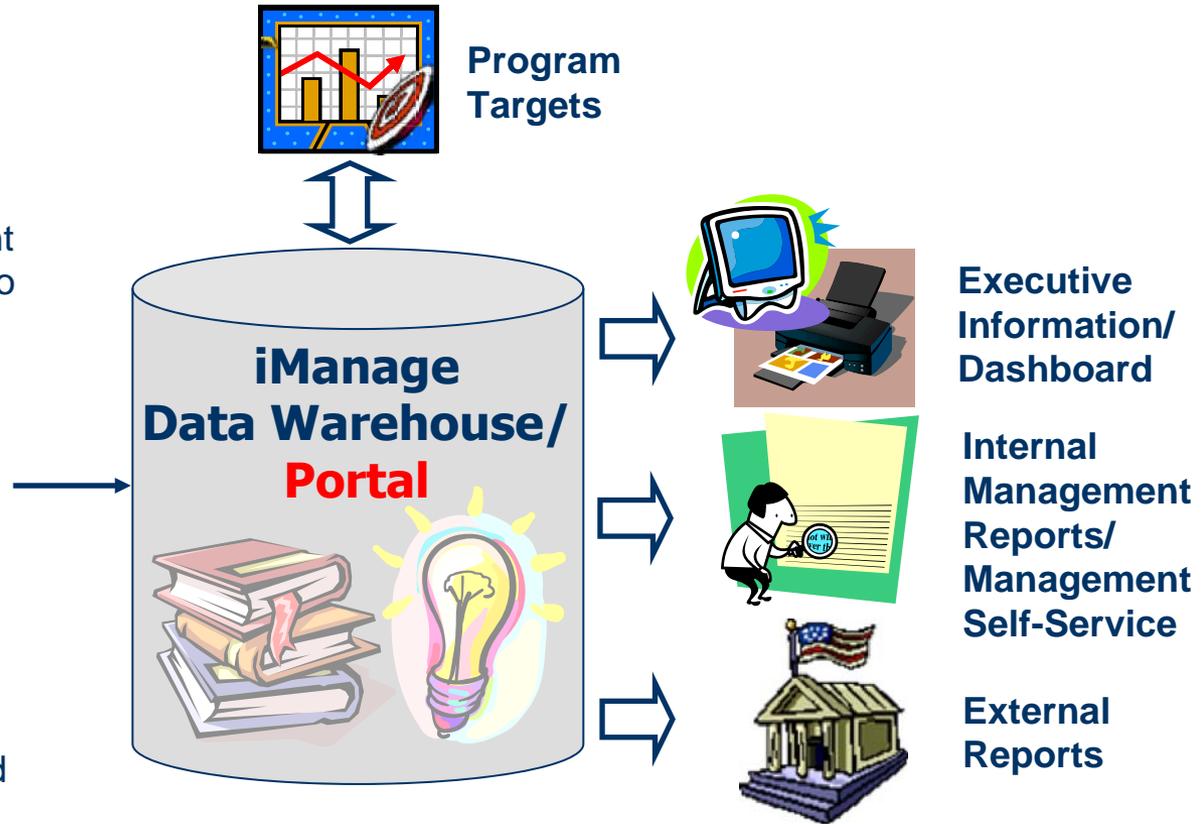


# iManage Data Warehouse/ Portal Overview

iManage Data Warehouse/  
Portal is a critical component  
of the iManage Vision, key to  
achieving iManage strategic  
objectives.

iManage Data Warehouse/  
Portal pilot implemented in  
January 2005 to get users  
familiar with system tools.  
Fully implemented in May  
2005 with STARS data.

Planning and development  
continue to expand data and  
capabilities. Increased  
emphasis being placed on the  
Portal to promote the  
awareness and usage of  
iManage.





# iManage Program – Schedule Overview

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FY99 FY00 FY01 FY02 FY03 FY04 FY05 FY06 FY07 FY08 FY09 FY10

CHRIS

BMIS-FM

STARS

IDW

Financial

Procurement

Budget

Executive Dashboard

Portal

STRIPES

STRIPES

STRIPES

SBS

SBS Formulation

SBS Execution

eTravel

Payroll to DFAS

Loan Guarantee



# iManage Projects - Overview

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## Standard Accounting and Reporting System (STARS):

- STARS provides the Department with a modern, comprehensive, and responsive financial management system that is the foundation for linking budget formulation, budget execution, financial accounting, financial reporting, cost accounting, and performance measurement. The system processes Departmental accounting information, including General Ledger, Purchasing, Accounts Payable, Accounts Receivable, and Fixed Assets. The system also includes budget execution functionality associated with 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 11.5.9.

## Corporate Human Resource Information System (CHRIS):

- CHRIS is a single, integrated Human Resource (HR) system created to provide the highest quality HR information and services to the Department's executives, managers, and employees. The system has three major components: a web-based commercial off-the-shelf (COTS), PeopleSoft 8.8, which runs on an Oracle relational database; a web-based Government off-the-shelf (GOTS) module, Employee Self Service (ESS); and an automated recruitment support COTS, Monster's Hiring Management. The primary objectives for CHRIS are to enhance operational efficiencies; reduce paperwork; eliminate redundant information systems; eliminate non-value added work; and provide information necessary to make informed human resource management decisions. A key capability of the CHRIS system that is being phased in is the paperless workflow for personnel and training transaction requests with electronic signatures.



# iManage Projects - Overview

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## **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, and the Central Contractor Registration; 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 PRISM version 5.0. STRIPES also uses Oracle Application Server's Enterprise Service Bus (ESB) component to facilitate integration with STARS, and future planned integrations with the Power Marketing Administration (PMA) financial management systems.



# iManage Projects - Overview

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## Standard Budget System (SBS):

- SBS will be the first DOE-wide budget formulation and budget execution system. The three primary goals of SBS are to automate the budget formulation process, modernize the budget distribution process and integrate budget and performance. Once implemented, the system will greatly standardize and streamline the budget formulation and execution processes, provide much improved budget analytical capabilities and integrate with other business management and field systems. The Department expects significant reductions in the labor hours required to formulate the annual OMB and Congressional budget submissions, a significant reduction in errors, and improved budget decisions as a result of greater analytical capability and a re-direction of the budget labor force to be the result. SBS will use Cognos Business Intelligence and Enterprise Planning v8.3 and EMC2 Documentum v6.0 as its software application solution.

## 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. GovTrip provides federal travelers the ability to manage their travel from end-to-end through a common, web based, government-wide service that integrates: 1) travel planning and cost estimating, 2) travel authorization, 3) reservations, 4) filing, processing, and approving official travel, 5) travel voucher/reimbursement, and 6) reporting.



# iManage Projects - Overview

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## **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 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.



# Combining knowledge and collaboration with corporate information to create an integrated workplace

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**Role-Based Reports**

**Customized Links to Finance Applications**

**Connection to Communities of Practice**

**People and Expertise Locator**

**Strategic Finance Communications**

**Enterprise Search**

**Intra-DOE Instant Messaging**

**Personalized Content**

**Knowledge Library**

**Manager Workplace**

**Executive Corner**

**Strategic Communications**

- CFO Executive Update (Podcast)
- CFO Spotlight Albuquerque
- FE Strategic Initiatives

**Reports**

**Spotlight: Overall Performance**

**Funds**

Q1	Q2	Q3	Q4	Q1
10	8	6	4	2
8	6	4	2	1
6	4	2	1	0.5
4	2	1	0.5	0.2
2	1	0.5	0.2	0.1

**Backlog**

Q1	Q2	Q3	Q4	Q1
60	70	80	90	100
65	75	85	95	100
70	80	90	100	100
75	85	95	100	100
80	90	100	100	100

**Manager's Workplace**

- Strategic Communications
- Management Reports
- Performance Management
- Time Approval
- Expense Approval
- HR Library



# iPortal - Release Plan Phased implementation

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	Phase I			Phase II			Phase III		
	<i>Building Adoption</i>			<i>Decision Making</i>			<i>Daily Workplace</i>		
	Aug 08	Oct 08	Dec 08	Feb 09	Apr 09	Jun 09	Aug 09	Oct 09	Dec 09
<b>Liberating Our Data</b>									
Standard and Enhanced Finance Portlets – Queries and Transactions	✓			✓				✓	
Integrated Finance Portal Pages – Applications, Content and Knowledge	✓		✓						
Ad-Hoc Report Creation and Analysis wizards				✓					
Role-based Finance Dashboards		✓			✓				
Finance Content Repository			✓			✓			
Finance Manager’s Workplace					✓			✓	
Integrated Business Processes and Workflow						✓		✓	✓
<b>Connecting Our People</b>									
Communities of Practice	✓				✓			✓	
Strategic Finance Communications	✓			✓					
Finance Knowledge Capture		✓		✓		✓			
People Profiles				✓		✓			
eLearning for Finance Professionals					✓				
Financial Management Development Program (FMDP)			✓						
Skills and Capabilities Database					✓				✓
Project Management Certification		✓							
<b>Simplifying Our Work</b>									
HR - ESS (Embedded Applications)				✓					
SBS						✓			
Procurement – STRIPES				✓					
Useful Links	✓								

Multiple releases build quickly on functionality and new knowledge sources throughout the year



# iManage Portal Alignment to Corporate Systems Transformation

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Connecting Our People	Simplifying Our Work	Liberating Our Data
<ul style="list-style-type: none"><li>• Match the right expertise with the right work</li><li>• Provide transparency to DOE business performance and objectives</li><li>• Find answers easily</li><li>• Coach peers on finance practices</li><li>• Improve communications</li><li>• Work across offices, regardless of location</li><li>• Capture the critical knowledge of retiring employees</li><li>• Shorten time to proficiency of new employees</li><li>• Link CFOs across the DOE</li></ul>	<ul style="list-style-type: none"><li>• Make access to key work activities and applications easier</li><li>• Integrate business systems and reduce number of applications</li><li>• Easy access to frequently used applications</li><li>• Complete tasks end-to-end with fewer applications</li><li>• Make learning available at the point of need</li><li>• Develop cost analysis capability</li><li>• Develop corporate modeling capability</li></ul>	<ul style="list-style-type: none"><li>• Increase focus on decision support</li><li>• Help make informed decisions, scenario planning</li><li>• Regularly review key management information</li><li>• Integrate accurate and timely budget, performance and cost data</li><li>• Leverage analytics and decision support</li><li>• Easy access to audit information</li><li>• Improve cost analysis and decision support capability</li></ul>

08-0255-002



# Q & A

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