



FD-101

Electronic Commodity Ordering System (ECOS)

&

Web Based Supply Chain Management (WBSCM)

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Overview

- ECOS Update
 - 2007 Accomplishments
 - 2008 Accomplishments & Plans
 - 2009 Plans
- WBSCM Update
 - Project Overview
 - Progress 2007
 - Plans 2008 / 2009
 - Stakeholder Change Management
 - Stakeholder Involvement
- Questions

ECOS 2007 Accomplishments

- Architecture
 - Migrated to USDA National Information Technology Center (NITC) hosting facility
 - Upgraded all servers – faster, more capacity
 - Deployed & tested disaster recovery site
- Security
 - Completed Certification & Accreditation
 - Acceptance of Rules of Behavior
 - Government Computer Site warning

ECOS 2007 Accomplishments

- Software Releases
 - 4 software maintenance releases
 - Reporting & data extracts
 - Recall and Complaint functions
 - National Warehouse distribution program support
 - Formal Co-Op structure introduced
 - Entitlement management enhancements

ECOS 2008 Accomplishments

- Disaster Recovery testing completed
- Software maintenance release
 - Upgraded reports
 - Corrected issues
 - Notice to Deliver extract
 - Transfers with & without entitlement
 - Improved catalog function
 - Survey filter flag
 - National Warehouse distribution program support

ECOS 2008 Plans

- Software maintenance releases
 - Slow the pace – prepare for WBSCM
 - Limit the number and scope of changes
 - Fix issues, minor updates
 - New functions limited to business critical items
 - Hold & Recall notifications
 - National Warehouse distribution program
 - » Enhance Hold & Recall case management
 - » Complaints

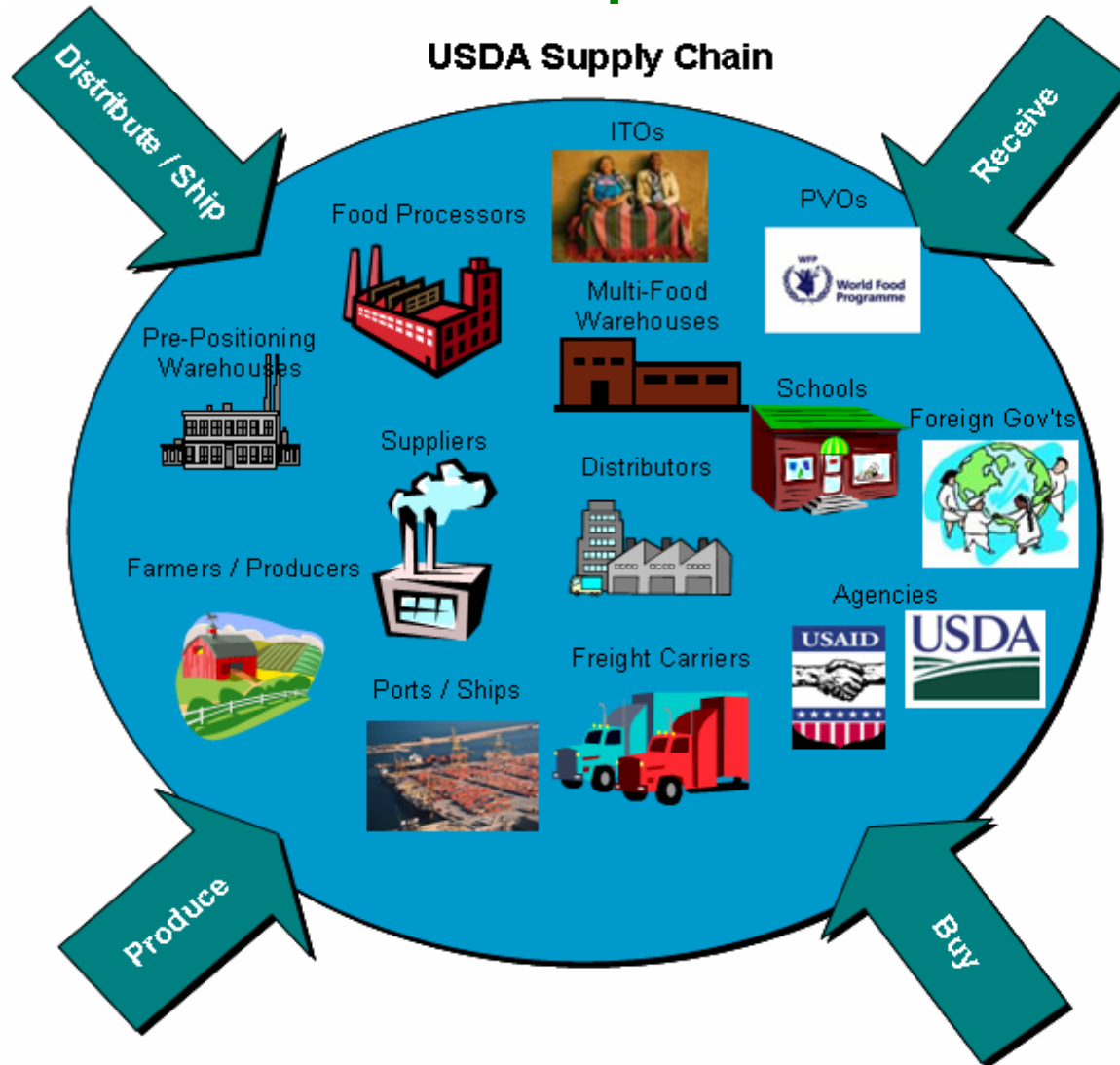
ECOS 2009 Plans

- End scheduled software maintenance releases
 - Resolve high impact production issues
- Prepare ECOS data for migration to WBSCM
- Disaster Recovery testing

WBSCM Project Overview

- Scope
 - Build an integrated system supporting domestic and international food assistance programs
 - Replace Processed Commodities Inventory Management System (PCIMS) and satellite systems
- Why do this?
 - Replace old architecture
 - Integrate applications supporting commodity programs
 - Standardize business processes
 - Streamline administration tasks and stakeholder interactions

Who Is Impacted?



WBSCM Solution

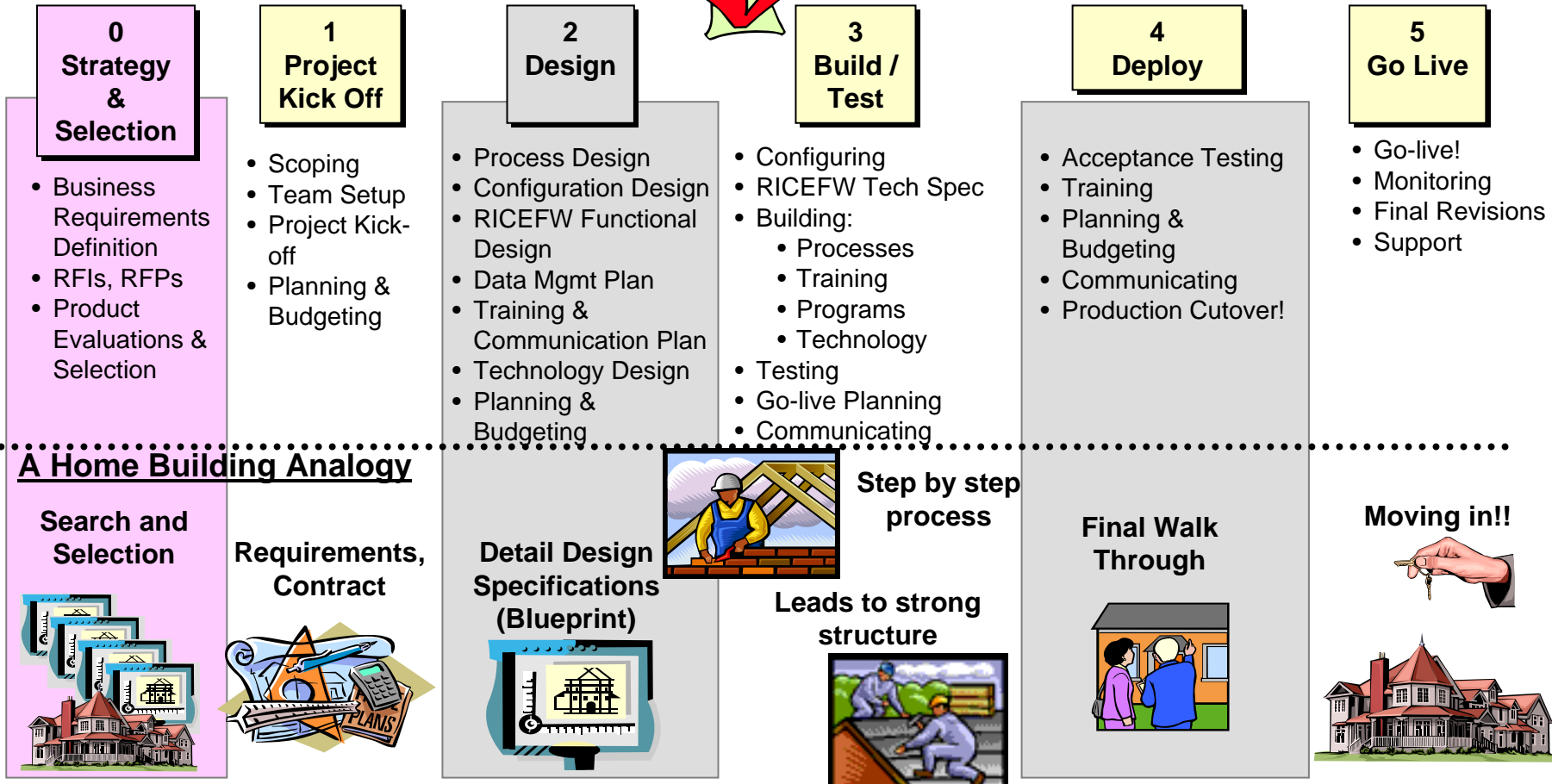
- Implement a Commercial Off The Shelf (COTS) Product
 - Provide Enterprise Resource Planning (ERP) & Supply Chain Management (SCM) capabilities
 - Implement COTS product best practices
- Phased deployment
 - Phase One - fulfillment, finance and procurement
 - Phase Two - planning and refinement of Phase One items

How Are We Doing It?

WBSM RELEASE 1 PROJECT PHASES

We are here 

2009



WBSCM Progress 2007

- Validated requirements
- Selected the COTS Product
- Initiated design sessions
 - Define business scenarios
 - Identify RICEFW elements
 - Identify cross-functional integration points
- Establish technical architecture
 - Hardware, software and security

Reports
Interfaces
Conversion
Extensions
Forms
Workflow

WBSCM Plans 2008/2009

- Complete design sessions
- Establish data standards
 - Develop data management strategy
 - Implement and test data conversion, cleansing and migration
- COTS configuration and RICEFW development
- Develop system interfaces and file upload/download capabilities
 - Test format and transmission changes with partners
- Coordinate and validate external system changes

WBSCM Plans 2008/2009

- Establish training strategy
 - Deliver training
- Convert existing data
 - Migrate to WBSCM transactional database
 - And
 - Migrate to Business Intelligence (BI) warehouse
- Go-Live with Production WBSCM
- Decommission PCIMS, ECOS and other satellite systems – 2009

Our Expected Benefits


For USDA

- One standardized, integrated, transparent, and efficient end-to-end process for U.S. supply chain management
- Built-in best practices for procurement, financial management, supply chain mgmt
- Automated, useful reports and easy generation of non-standard reports
- Single, authoritative, timely, easy-to-access source of data
- Automated, paperless workflow with few manual processes and reduced hand-offs

For Our Stakeholders

- Enhanced reporting capabilities for standard and ad hoc reports
- Data elements streamlined (i.e., eliminate duplication)
- Access to real time transaction data. No delays awaiting batch updates.
- Shipping notices supplied by Vendors so Receivers will know product is on the way
- Shipment receipts will initiate Over/Short/Damaged processing
- Existing ECOS capabilities will be maintained or improved

Order Entry - Customer Catalog


B2B Shop International

[My Transactions](#) | [Catalog](#) | [Transaction in Process](#) | [My Details](#) | [Contact](#) | [Help](#) | [SRS](#) | [Log off](#)



Product Catalog

Quick Search

- Schools
 - Corn Products
 - Vegetable Oils
- Fruits
 - Cereal Products
 - Cheese
 - Flour
 - Grains
 - Meat/Fish
 - Milk/Butter
 - Misc
 - Nut Products
 - Oils
 - Pasta
 - Poultry / Eggs**
 - Vegetables
- EFAP
- FDIR


Poultry / Eggs

Poultry / Eggs

Overview		Image	Product		Price
Quantity			Product Number	Name	
<input type="checkbox"/>	1 EA <input type="button" value="v"/>		2	COOKED TURKEY ; CANNED 24/#300	2.45 USD
<input type="checkbox"/>	1 EA <input type="button" value="v"/>		25	CHICKEN, CANNED 6/#10	6.10 USD

Products Per Page

Order Entry – Order Entry


Ms. Smith

Transactions | **Catalog**
🛒 1 Item(s) to the value of 0.00 USD

[My Details](#) | [Contact](#) | [Help](#) | [SRS](#) | [Log off](#)

My Transactions | **Catalog**

Your Reference:

Your Description:

Total Net Price: 116.25 USD

Freight: 0.00 USD

Total Gross Price: 116.25 USD

Default Delivery Settings For Items

Deliver To: ▼ 🗨 📄

Delivery Type: ▼

Requested Delivery Date: 📅


▼ **Additional Order Data**

▼	Item	Product	Quantity	Unit	Description	Total Price Unit Price	🗑
▼	10	<input type="text" value="25"/>	<input type="text" value="19"/>	EA ▼	BEANS, GREEN, CANNED 6/#10	\$116.25 USD 0.00 USD / 1 EA	<input type="checkbox"/>
▼		<input type="text"/>	<input type="text"/>	<input type="text"/>			
▼		<input type="text"/>	<input type="text"/>	<input type="text"/>			
▼		<input type="text"/>	<input type="text"/>	<input type="text"/>			
▼		<input type="text"/>	<input type="text"/>	<input type="text"/>			
▼		<input type="text"/>	<input type="text"/>	<input type="text"/>			

5 New Items ▼ ⓘ **Update**
Cancel **Order**

Order Entry – Order Confirmation

SAP
B2B Shop International
Ms. Smith

[My Transactions](#) | [Catalog](#)
 **1 Item(s) to the value of 0.00 USD**

[My Details](#) | [Contact](#) | [Help](#) | [SRS](#) | [Log off](#)

Confirmation of receipt

Thank you!
Your order was received and is being processed.

Order: 5000187 from 02/28/2008 17:16	Overall Status: Open
Your Reference:	Total Net Price: 116.25 USD
Your Description:	Shipping Costs: 0.00 USD
	Total Gross Price: 116.25 USD

Default Delivery Settings For Items
Delivery Type: standard

Additional Order Data

Order	Incoterms: Free on board Destination
Payment Method	Selected Payment Method: Invoice

Item	Product: Description/Details	QTY	Total Price Unit Price	Status
10	25: BEANS, GREEN, CANNED 6/#10 Deliver To: California...1 Main Str...Sacramento Requested Delivery:02/28/2008	19 EA	116.25 USD 6.10 USD / 1 EA	Open

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WBSCM Stakeholder Change Management Terminology

Current	New
Requisition	Sales Quote
Delivery Order	Sales Order
Notice to Deliver	Purchase Order
Commodity File	Item Master
Entity	Ship To Location

WBSCM Stakeholder Change Management

Data Conversion

Current	New
Assigned Commodity Code Axxx / Bxxx	System Generated Number 33
Assigned Smart DO Number Axxx123J001	System Generated Sales Order Number 5000041
Assigned SDA Number	System Generated Customer Number
Assigned Entity Code Number	System Assigned Ship To Number

WBSCM Stakeholder Change Management

Data Conversion

- Data changes affect on stakeholder systems
 - Data characteristics
 - Alpha-numeric to numeric data
 - Data field lengths
 - Usage
 - Sorting, Grouping, Filtering & Reporting
 - Data extraction, cleansing, migration to conform with WBSCM
- Data change affects on stakeholders
 - Adapting to new terminology
 - Adapting to new data values

WBSCM Stakeholder Change Management Interfaces

- WBSCM will support current data sharing
 - Data changes may impact existing usage
 - Data file definition may change
 - Extraction and upload process may change
- ECOS report CSV file format
 - SAP has similar function
 - Solution TBD

WBSCM Stakeholder Change Management

Reports

- Maximize use of SAP standard reports
 - Review and map existing reports
 - Utilize SAP data sharing capabilities for manipulation and analysis
- Interactive reports
 - Implement usage on a limited basis
 - Allow user to query database, make and save changes
- Ad hoc reporting capability
 - Great improvement over existing report capability
 - Some system performance risk
 - Data structure and relationship knowledge

WBSCM Stakeholder Change Management

Security

- Implement USDA eAuthentication IDs
 - Assessing WBSCM solution
 - Level One – self registration
 - Level Two – identity verification
 - eAuth ID mapped to WBSCM ID & roles
 - Logon will be validated with eAuth servers
 - eAuth ID allows access to all USDA sites
 - Provided they use eAuth services

WBSCM Stakeholder Change Management

Training

- Establishing training strategy and schedule
 - Conducted within 3 months of go-live
 - Level of Effort
 - 300 SDA, ITO & Industry organizations
 - 4,000 RA organizations
 - 8,000 users
 - ... and growing
- Delivered by USDA to State & State to RA
 - Online training classes
 - WBSCM online reference tools
 - Lecture Style
 - Live Meeting presentations
 - Hands on with training server if best solution

WBSCM Stakeholder Change Management

Training

- WBSCM design similarity to ECOS
 - Focus on process and navigation differences
- SAP usage
 - Familiarize users with SAP characteristics
 - Presentation
 - Application button usage and function
 - Search / Selection / Confirmation / Cancellation actions

WBSCM Stakeholder Involvement

- Time to engage
 - Request creation of ACDA committee for WBSCM communication & coordination
- Review needs for Stakeholder Systems & Processes
 - Identify impacts to existing plans & schedules
 - Identify data retention requirements
 - Establish data conversion strategy including testing period
 - Establish training timeline for your users

WBSCM Stakeholder Involvement

- Communicate with FNS – questions, concerns, issues
 - Todd Griffith – FNS WBSCM Data Management & Interfaces Lead
 - 703-305-7506
 - todd.griffith@fns.usda.gov
 - Shirley Roberts – WBSCM Fulfillment Functional Area Lead
 - 703-305-2653
 - shirley.roberts@fns.usda.gov
 - Dennis Sullivan – FNS WBSCM Project Manager
 - 703-305-0188
 - dennis.sullivan@fns.usda.gov

Questions?