



SNA Annual National Conference

Electronic Commodity Ordering System (ECOS)
&
Web Based Supply Chain Management (WBSCM)

July 21, 2008

Overview

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

ECOS 2007 & 2008 Accomplishments

- Architecture / Security / Software
 - Upgraded all servers – faster, more capacity
 - Deployed & tested disaster recovery site
 - Completed Certification & Accreditation
 - Acceptance of Rules of Behavior
 - Government Computer Site warning
 - 5 ECOS software maintenance releases
 - Formal Co-Op structure introduced
 - Entitlement management enhancements

ECOS 2008 & 2009 Plans

- Software maintenance releases 2008
 - 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 public notifications
 - » Targeted to non-ECOS users
 - » Self register for email notifications
 - » Implement September 2008
- Software maintenance releases 2009
 - Resolve high impact production issues
 - Prepare ECOS data for migration to WBSCM

How can I use ECOS?

- Ordering and Entitlement
 - ECOS is the standard ordering system for all USDA nutrition assistance programs
 - Supports State Distributing Agency, Indian Tribal Organization & Recipient Agency ordering
 - Co-Op organizations supported
 - USDA warehouse shipments supported (multi-food)
 - Provides catalog of available products
 - Provides ability to monitor and manage entitlement dollars
 - SDA can place a spending cap on RAs

How can I use ECOS?

- Complaints
 - SDA can enter complaints for USDA commodities
 - Quality
 - Safety
 - Complaints are managed by FNS
 - SDA can monitor complaint status

How can I use ECOS?

- Commodity Hold & Recall
 - FNS creates a Hold/Recall case
 - Identifies orders, product quantities and delivery locations
 - SDA data reporting form created
 - Initiates notification message transmission
 - Phone, fax, email, text message
 - Case posted on ECOS Home Page
 - Provides additional supporting documents
 - Non-commodity recalls posted on Home Page
“What’s New”

How can I use ECOS?

- Reports
 - Standard reports with selection criteria
 - Program, Date Range, Status Codes, etc.,
 - Reports cover business process
 - Entitlement, Orders/Requisitions, Complaints, Entity Information, User ID lists, etc.
 - Reporting limited to organization
 - Only your data is presented

How can I use ECOS?

- Miscellaneous
 - Organization administration
 - User management, organization profile, sub-organization management, etc.
 - Reference materials
 - User guides/training, status codes, End Product Data Schedules, etc.
 - Publish broadcast messages

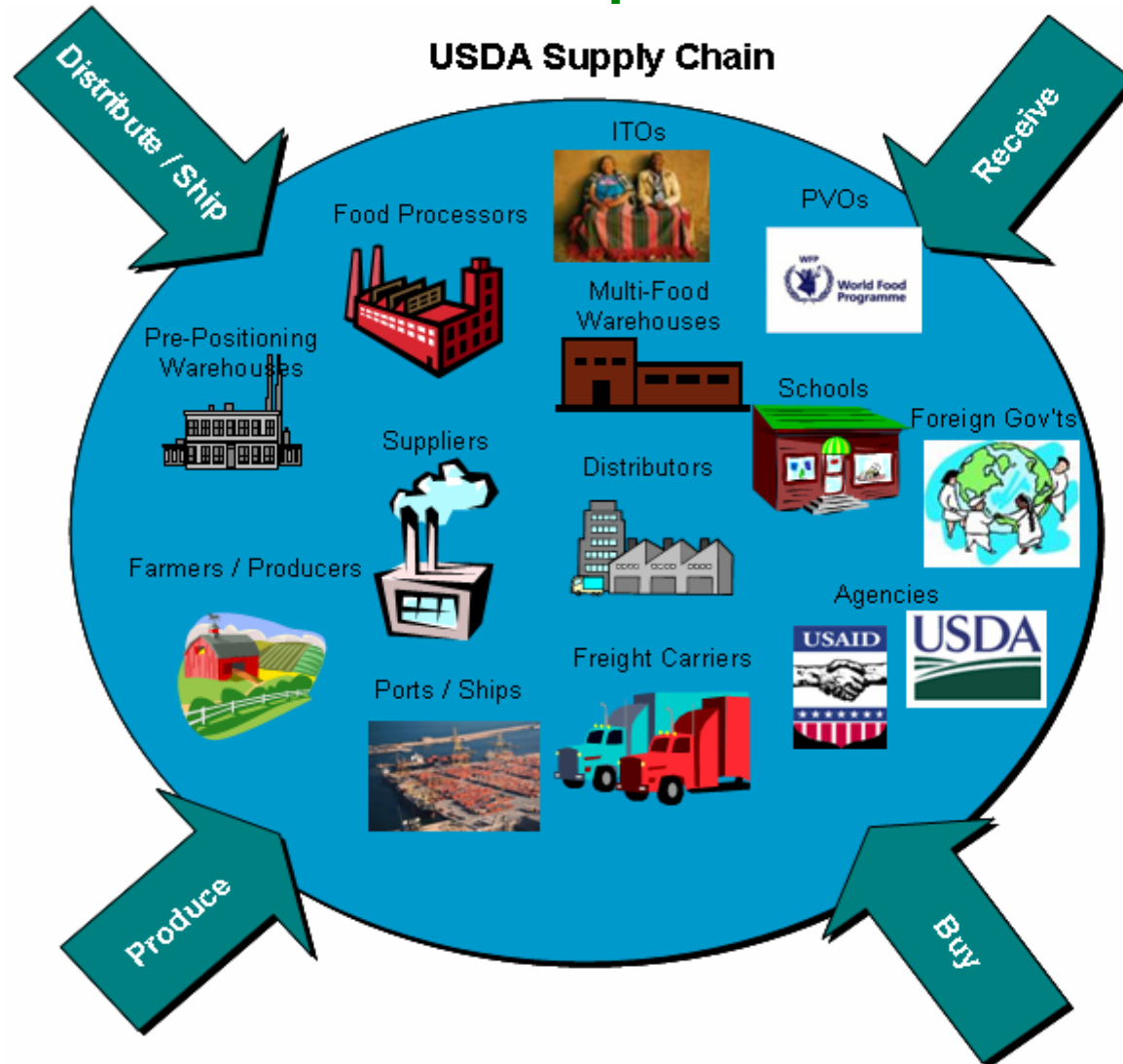
ECOS & WBSCM

- Should I roll ECOS out to my RAs?
- It depends ...
 - If you have a business need
 - Replace existing system
 - Resource constraints
 - Do it now – converted with WBSCM deployment
 - If you have a plan to do it in the next 3 years
 - Do it now
 - WBSCM deployment limits FNS future support

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

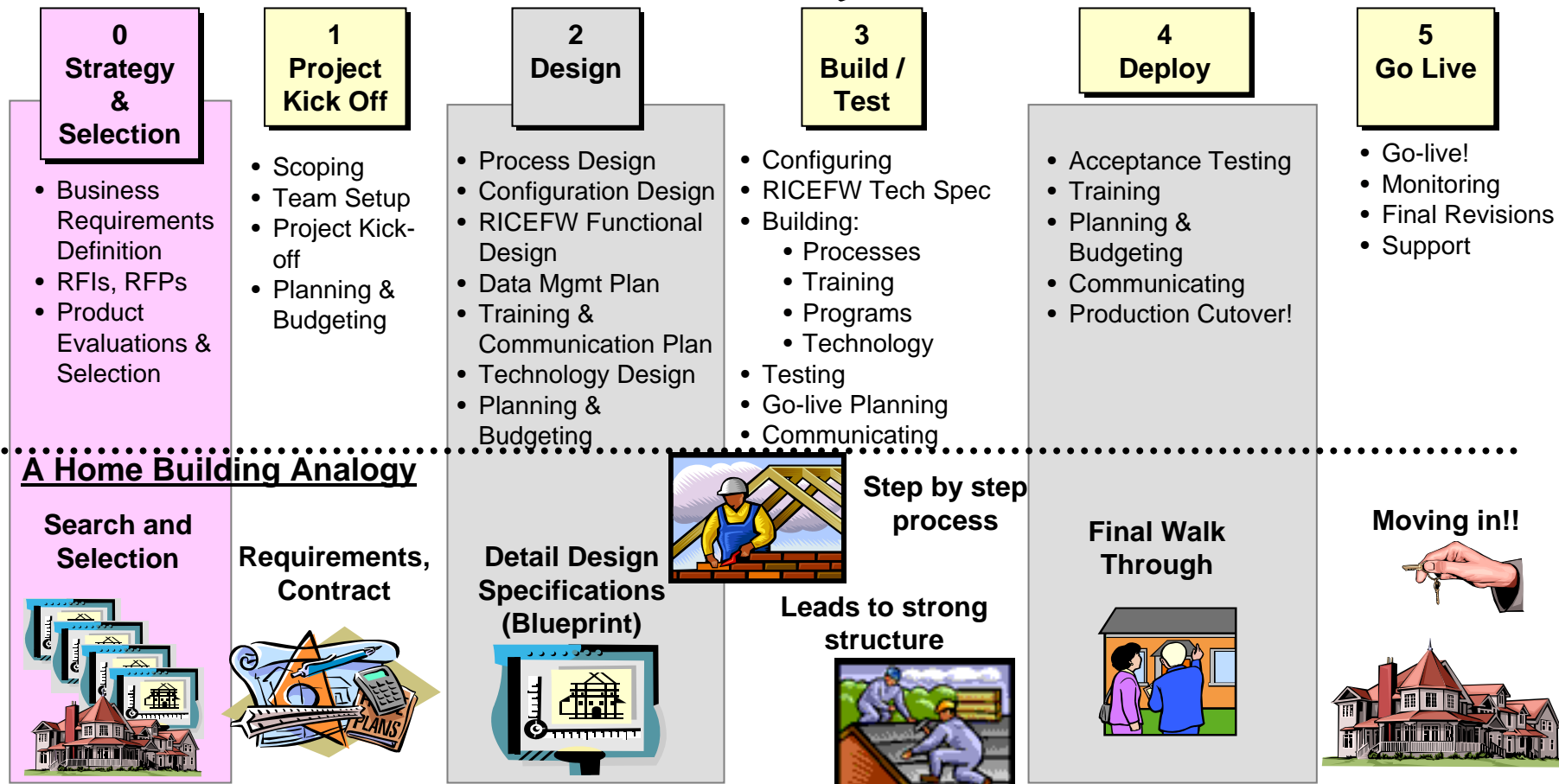
- Implement a Commercial Off The Shelf (COTS) Product
 - Provide Enterprise Resource Planning (ERP) & Supply Chain Management (SCM) capabilities
 - Implement COTS product best practices
- Phased deployment
 - Phase One - fulfillment, finance and procurement
 - Phase Two - planning and refinement of Phase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

How Are We Doing It?

WBSCM RELEASE 1 PROJECT PHASES

We are here 

2009



WBSCM Progress 2007 & 2008

- Validated requirements
- Selected the COTS Product
- Completed 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

- 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 – 2009/2010

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





[Search](#)

[Extended 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 		2	COOKED TURKEY ; CANNED 24/#300	2.45 USD
<input type="checkbox"/>	1 EA 		25	CHICKEN, CANNED 6/#10	6.10 USD

Products Per Page
[Select All](#)
[Cancel Selection](#)
[Transfer Selection](#)
[Compare Selection](#)

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

[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
 Your Reference:
 Your Description:

Overall Status: **Open**

Total Net Price: 116.25 USD

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

[Print](#) [Close](#)

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 effect 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 changes effect 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
 - Webinar 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
 - SNA communication plan
 - ACDA WBSCM committee established
 - Monthly planning teleconferences
- 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
 - Robin Jepson – FNS WBSCM Change Management Lead
 - 703-305-7524
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 - Dennis Sullivan – FNS WBSCM Project Manager
 - 703-305-0188
 - dennis.sullivan@fns.usda.gov

Questions?

Do I roll out ECOS to RAs now?