

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

Overview

ECOS Update

2007 Accomplishments

2008 Accomplishments & Plans

2009 Plans

WBSCM Update

Project Overview

Progress 2007

Plans 2008 / 2009

Stakeholder Change Management

Stakeholder Involvement

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
- 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?

## 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

## 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
- Establish training strategy
- Deliver training
- Convert existing data
- Migrate to WBSCM transactional database
- Migrate to Business Intelligence (BI) warehouse
- Go-Live with Production WBSCM
- Decommission PCIMS, ECOS and other satellite systems – 2009
- Our Expected Benefits
- Order Entry - Customer Catalog
- Order Entry – Order Entry
- Order Entry – Order Confirmation
- WBSCM Stakeholder Change Management

## Terminology

- WBSCM Stakeholder Change Management

## Data Conversion

- 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
- 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