Data Synchronization with AGIIS

APRIL 4, 2011
Agenda

- Background
- Recommendation Overview
- Benefits
- Subscriber Impact
- Subscriber Actions
- AGIIS Tools
- Synchronization Scenarios
A database and software that delivers a common set of identifiers and data elements to the Agricultural industry to foster e-business and e-commerce between and among those companies

Purpose – To provide unique identifiers for the facilitation of e-business interactions
- Subscriber Owned
- Subscriber Maintained
What is Data Synchronization?

Process of keeping data in two or more electronic devices up-to-date so that each repository contains the identical information.*

*Definition from pcmag.com
Provide a simple synchronization process that could be used by all subscribers regardless of size or technical capabilities
Require every subscriber to synchronize with AGIIS
- Primary entity data elements required
- Secondary data elements optional

Require initial synchronization immediately following comprehensive de-duplication process

Require ongoing synchronization

Develop documentation detailing use of existing AGIIS transactions to support subscriber synchronization

Recommend subscribers use existing Trading Partner Entity Add Notification functionality in AGIIS if they choose not to synchronize with their trading partners
Primary Entity Demographics (Required)
- Industry Identifiers
- Name
- Address
- Entity Status
- Record Status

Secondary Entity Demographics (Optional)
- Phone Number
- Industry Flag
- Entity Type
- Latitude/Longitude
- Standard Point Location Code (SPLC)
Benefits of Synchronization

- To ensure that entity information transferred from one trading partner to another has the same meaning
- Business transactions are applied to the correct entity
- Increase effectiveness of orphan management
- Assist with duplicate management
- Successful implementation of recommendations
- Creating a trusted source for entity information
Subscriber Impact

Synchronization
- Requires upfront work
- Ensures reliable transactions
- Creates efficient business processes

Without Synchronization
- Transactional errors
- Manual reconciliation
- Slows down business for you and trading partners
1. Request AGIIS Subset Export file

2. Compare AGIIS Subset with Internal Data
   - Match by identifier
   - Match by demographics
   - Reconcile the unmatched entity records

3. Submit unmatched Entities to AGIIS (Bulk/Web)
   - Identifier look-up
   - Subset Add or Delete
   - Add transaction
   - Demographic look-up
   - Update transaction

4. Apply results to Subscribers’ internal database
Subscriber Actions - Ongoing

- Ongoing maintenance synchronization (at least once a year)
- Subscribers apply AGIIS updates
- Subscribers provide AGIIS with updates
- Trading partner synchronization OR Trading Partner Entity Add Notification
AGIIS Synchronization Tools

- Subset Export (XML & ASCII)
- Methods to Submit AGIIS Transactions
  - Bulk file processes (XML & ASCII)
    - Return file reports transaction results
  - Web services
  - Web site
- Entity Update Extracts (XML & CSV)
  - Apply changes to internal systems
  - Available daily or weekly
- “Entity Add” Trading Partner Communication Tool
Synchronization Scenarios

- Getting started
- Name in subset extract file doesn’t match name in my system
- Address in subset extract file doesn’t match address in my system
- Staying synchronized
- Notifying Trading Partners
- Contact the AGIIS Help Desk for assistance
- Help Desk: 1-866-251-8618
- helpdesk@agiis.org
Questions?

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Thank You

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