



U.S. Customs and
Border Protection

Automated Commercial Environment Plan Forward – Pilot Overview

Trade Support Network Webinar

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U.S. Customs and Border Protection

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AGENDA

1. Cargo Release/Simplified Entry Vincent Annunziato
2. Entry Summary Accounts & Revenue Monica Crockett
3. Automated Export Processing Bill Delansky





Cargo Release/Simplified Entry



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Cargo Release/Simplified Entry

- **Simplified Entry (SE)** is the first phase of Cargo Release developed in ACE. CBP will build upon this success to achieve full Cargo Release capability.
 - Cargo Release/SE streamlines the data required to obtain release of cargo, reducing 27 data items to 12.
 - The pilot for the air mode of transportation was co-created with the trade community and implemented within one year of concept initiation.
- **Cargo Release/SE Pilot Progress**
 - By the end of 2012, CBP had expanded the Cargo Release/SE pilot to 16 airports (Anchorage, Atlanta, Boston, Chicago, Dallas/Ft. Worth, Detroit, Houston, Indianapolis, Los Angeles, Memphis, Miami, Newark, New York/JFK, Oakland, San Francisco, and Seattle.)
 - To date, over 60,000 Simplified Entries have been successfully filed for more than 750 importers of record.
 - CBP has incorporated document imaging capability into the pilot, allowing trade participants to submit electronic forms supporting their SEs via email.





Automated Corrections and Deletions

- Mechanism for (a) filers to electronically request and (b) CBP to electronically accept or deny corrections and deletions to a Simplified Entry
- Will automate a current paper process
- Will allow filers to correct or delete a Simplified Entry at any time prior to the arrival of the shipment
- Agile team update
 - Two Sprints have been completed
 - User stories have been drafted and allocated to remaining development sprints





Partner Government Agency (PGA) Message Set

- Harmonized set of data collected by CBP via Single Window and dispersed to appropriate PGAs
- Will connect the PGA Message Set data to the Simplified Entries already on file with CBP to enhance data sharing between CBP and PGAs
- Will link to the ACE Entry Summary
- Operational pilots will initially be conducted with two PGA's
- Agile Team Update
 - Two Sprints have been completed
 - User stories have been drafted and allocated to remaining development sprints



ace Entry Summary, Accounts and Revenue



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Document Image System (DIS)

- Facilitates the automated single window submission of CBP and PGA forms and supporting information
 - Provides CBP with nationwide visibility to documents, review status and report capabilities
 - Provides a central repository for documents submitted by the trade, reducing time and cost surrounding paper processes

- DIS pilot progress
 - Implementation of reduced required metadata
 - Enhancements and additional supported documents





System Maintenance

- Critical fixes for deployed ACE functionality
 - Primary Categories: Entry Summary, Ocean & Rail, Forms, and Reports
- Production enhancements
 - CR_3985 – Excel Uploading Information for Employee Information
 - CR_3909 – For PSC, Make Data Available to filers to Part of the Transaction in Query/Reports
 - CR_3984 – Make AM-100 (Courtesy Notice of Liq) Report Available to Brokers
- Software upgrade for reports





Entry Summary Edits

- Foundation for the ability to further process system checks on the quality and accuracy of incoming entry summary data
- Will allow CBP to more efficiently assess duties, taxes and fees
- Planning has begun and development will continue for the next few years
- Will start with simple “edits” and then move on to more complex validations utilizing existing design work already in place
- Agile Team Update
 - Two Sprints have been completed
 - User stories have been drafted and allocated to remaining development sprints





Automated Export Processing



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Automated Export Processing

- Goal - Establish ACE as the single automated processing platform for all export manifest, commodity, licensing, and export control transactions in all modes of transportation (air, rail, sea and truck).
- Work with Census and the Bureau of Industry and Security (BIS) to support the National Export Initiative and Export Control Reform Initiative
- Work with the trade community and Partner Government Agencies to determine:
 - Export data needs and user requirements
 - PGA automation requirements, appropriate business processes, legal and regulatory authority
 - PGA requirements for licenses, permits and certificates





Export Manifest DIS Pilot

- File export ocean manifests via e-mail into the DIS in place of paper manifests
- Pilot began March 28, 2012 at 8 ports
- Available to all ocean carriers at all seaports
- As of January 1, 2013, 25 carriers are submitting export manifests via DIS and 6 additional carriers are testing
- Carriers interested in participating should contact Adi Abel at ADI.ABEL@cbp.dhs.gov or Robert Rawls at ROBERT.C.RAWLS@cbp.dhs.gov





AES Re-Engineering

- November 2012 - Agile development effort initiated to move legacy Automated Export System (AES) to an ACE re-engineered system platform with the following goals:
 - Modernize system design to lower operational, maintenance and development cost
 - Provide single export processing platform for commodity, manifest, and export control licensing data (*Does not overlap with USXPORTS licensing functionality*)
 - Maintain existing legacy AES capabilities and provide for anticipated Census regulatory changes
 - Develop an Option 3 filing functionality for commodity data
 - Integrate export processing into existing platforms to leverage other ACE developed capabilities, such as Interoperability Web Service (IWS) and DIS
 - Improve communication, collaboration, and compliance efforts between CBP, the trade community and PGAs
 - Automate multi-agency export cargo control and enforcement
 - Implement license control, hold messaging and enforcement





AES Re-Engineering (cont)

- AES Re-engineering is 1st effort within Automated Export Processing
 - Trade impact limited to those changes required by new Census regulations and Option 3 filing functionality
- The AES Re-Engineering effort will migrate key legacy AES capabilities:
 - Intake and display of electronic export information
 - CBP user interface for reviewing export transactions, taking enforcement actions, recording filings and maintaining reference data
 - Data feeds from PGAs for export license data, management of export licenses
 - Data extracts generated for Census
 - Input of findings and automated holds
- Incremental development of the capabilities
 - Work broken into 2 week Sprints
 - Review at end of each Sprint - Development team demonstrates work completed





AES Re-Engineering (cont)

6 sprints = 1 Increment

Increment I	Trade EDI Interface	January 2013
Increment II	User Interface, Enforcement	April 2013
Increment III	User Interface, Inbound data feeds, outbound data extracts	July 2013
Increment IV	Findings, Outstanding system enhancements	September 2013

Phased Capability Rollout

Phase I	Load Historical Data	August 2013
Phase II	Run re-engineered AES in parallel with legacy AES and retire mainframe user-interface	September 2013
Phase III	Migrate CBP users from legacy AES, and retire mainframe user-interface	November 2013
Phase IV	Migrate trade users from legacy AES, and retire mainframe trade interface	December 2013





AES Re-Engineering (cont)

- Engagement with trade community stakeholders
 - TSN user requirement validation
 - Monthly conference calls with Automated Export Task Force
- Upon completion of AES Re-engineering, CBP will begin development of the automated export manifest for all modes of transportation



Questions?