

Automated Commercial Environment (ACE) and Exports

**Export Manifest Webinar
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**U.S. Customs and
Border Protection**

AUTOMATED COMMERCIAL ENVIRONMENT/INTERNATIONAL TRADE DATA SYSTEM U.S. SINGLE WINDOW FOR TRADE



INTERNATIONAL TRADE

- In FY2013, U.S. trade accounted for \$2.4 trillion in imported goods and \$1.6 trillion in exported goods

ACE / ITDS

- Executive Order establishes deadline of December 2016 for implementation
- ACE is the technology enabler through which Single Window processing will be achieved
- Key features to enable Single Window processing have been implemented

PARTNER GOVERNMENT AGENCIES

- 47 Partner Government Agencies
- Largely paper-based with multiple entry systems
- Nearly 200 forms required for imports and exports



Quicker data availability for Government - better identification of dangerous or prohibited shipments



Automated Agency interactions reduce paper, enable near-real time decision making by Government

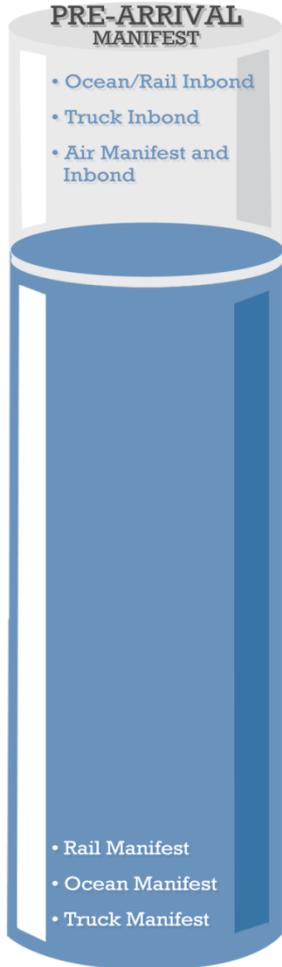


Easier for industry to comply with government regulations

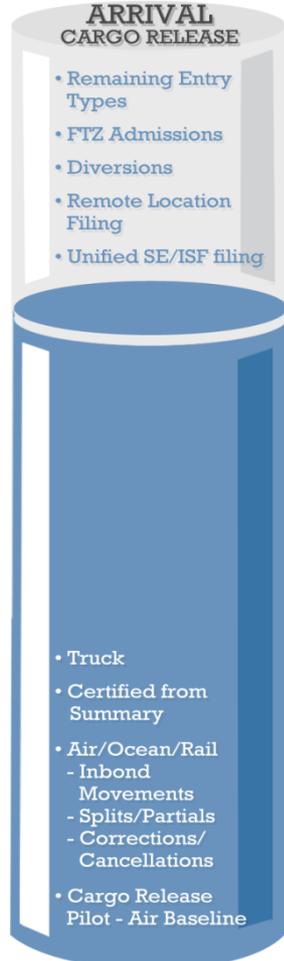


Reduced costs for Government and industry

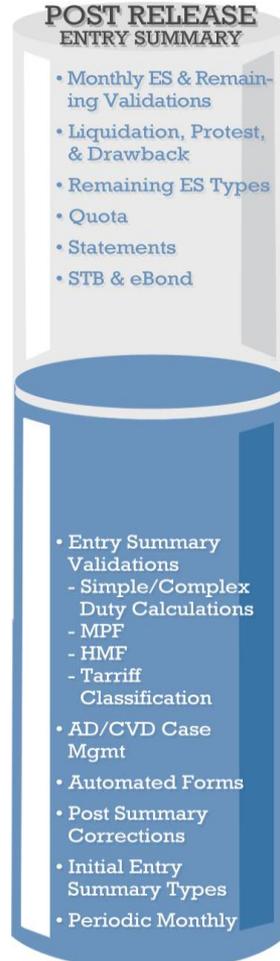
ACE Progress



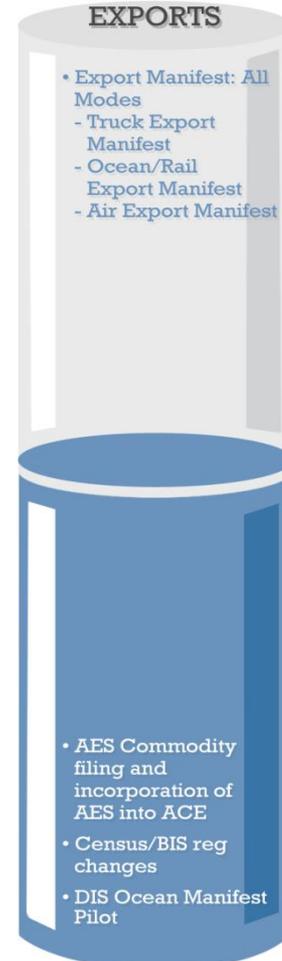
33% faster truck processing with ACE



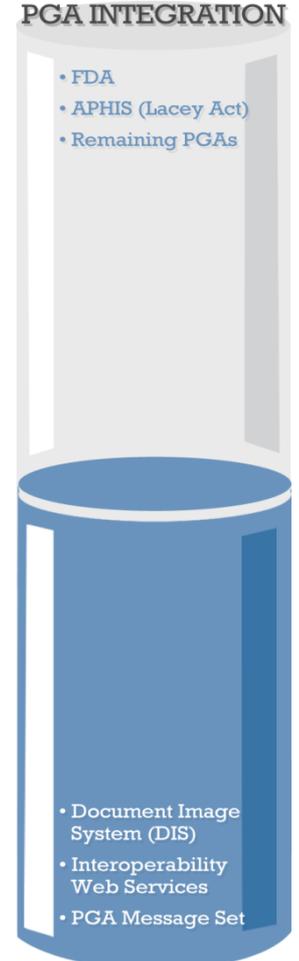
Close to 528,000 Simplified Entries filed



More than 43% of entry summaries filed and 76% of duties and fees collected in ACE



Reduced courier/printing costs saving each participant ~\$900K/year



9 PGAs receiving data via ACE



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Mandatory Dates for Transition to ACE

Date	Mandatory Requirement	Time Remaining
May 1, 2015	Mandatory use of ACE for electronic import and export manifest	8 months
November 1, 2015	Mandatory use of ACE for electronic Cargo Release and related Entry Summary filings	14 months
October 1, 2016	Mandatory use of ACE for all remaining portions of the CBP cargo process	25 months



High Level ACE Deployment Schedule

	DEPLOYMENT A	DEPLOYMENT B	DEPLOYMENT C	DEPLOYMENT D	DEPLOYMENT E	DEPLOYMENT F	DEPLOYMENT G		
	November 2, 2013 Increments 1 and 2	January 4, 2014 Increment 3	April 5, 2014 Increment 4	July 12, 2014	October 18, 2014 Increments 5, 6, & 7	January 3, 2015	July 4, 2015 Increments 8 & 9	January 2, 2016 Increments 10 & 11	July 2, 2016 Increment 12
PRE-ARRIVAL MANIFEST			<ul style="list-style-type: none"> Vessel Management System (VMS) 		<ul style="list-style-type: none"> Air Manifest Processing 				
ARRIVAL CARGO RELEASE	<ul style="list-style-type: none"> Air Processing <ul style="list-style-type: none"> Corrections & Cancellations In-Bonds Partial Quantities Split Shipments (Hold All & Immediate Delivery) 	<ul style="list-style-type: none"> Ocean/Rail Processing <ul style="list-style-type: none"> Corrections & Cancellations No In-Bonds No Partials Single Accept/Reject message MEWS 	<ul style="list-style-type: none"> Air Processing <ul style="list-style-type: none"> Certified from Entry Summary Ocean/Rail Processing <ul style="list-style-type: none"> In-Bonds Partials Certified from Entry Summary Truck Processing <ul style="list-style-type: none"> Corrections & Cancellations No In-Bonds No Partials 	<ul style="list-style-type: none"> Single CR filing to include ISF data 	<ul style="list-style-type: none"> Diversions 	<ul style="list-style-type: none"> Truck Processing <ul style="list-style-type: none"> In-Bonds Partial Quantities Certified from Entry Summary <ul style="list-style-type: none"> Ability to Query Entries via ABI Redelivery Non-ABI Entries 	<ul style="list-style-type: none"> Remaining ES Types FTZ Admissions 		
POST RELEASE ENTRY SUMMARY & ACCOUNTS	<ul style="list-style-type: none"> System Validations: <ul style="list-style-type: none"> Harbor Maintenance Fee Classification Single Accept/Reject message 	<ul style="list-style-type: none"> System Validations: <ul style="list-style-type: none"> Simple Duty Calculations 	<ul style="list-style-type: none"> System Validations: <ul style="list-style-type: none"> Complex Duty Calculations Merchandise Processing Fee (MPF) 	<ul style="list-style-type: none"> System Validations: <ul style="list-style-type: none"> Informal Entry Restrictions Charges Restrictions Taxes Other Fees 	<ul style="list-style-type: none"> Statements Electronic Bond Processing: <ul style="list-style-type: none"> STB Continuous Bonds Exporter & Freight Forwarder Accounts Remaining ES Types 	<ul style="list-style-type: none"> Lab Sample Records Protest Liquidation RLF Remaining ES Types 	<ul style="list-style-type: none"> Drawback 	<ul style="list-style-type: none"> System Validations: <ul style="list-style-type: none"> Tariff Usage Restrictions Licenses, permits, certificates 	
EXPORTS			<ul style="list-style-type: none"> Commodity Processing <ul style="list-style-type: none"> Support for Census and BIS Regulatory Filings 		<ul style="list-style-type: none"> Air Manifest 	<ul style="list-style-type: none"> Ocean/Rail Manifest 			
PGA INTEGRATION	<ul style="list-style-type: none"> APHIS CDC DCMA EPA FSIS NMFS 						<ul style="list-style-type: none"> CPSC FWS TSA 	<ul style="list-style-type: none"> ATF IRS 	
	<ul style="list-style-type: none"> AMS FSIS CPSC USCG 			<ul style="list-style-type: none"> AMS NMFS TTB 	<ul style="list-style-type: none"> NHTSA FCC 	<ul style="list-style-type: none"> FDA 	<ul style="list-style-type: none"> FDA FWS 	<ul style="list-style-type: none"> BLS EIA E&C, OTEXA IRS 	<ul style="list-style-type: none"> FMC USTR
	<ul style="list-style-type: none"> EPA (ODS) EPA (Vehicles & Engines) FSIS 		<ul style="list-style-type: none"> NMFS 		<ul style="list-style-type: none"> APHIS Lacey Act CDC (Human Blood) FCC FDA (Start) NHTSA EPA (Pesticides) EPA (Vehicles & Engines) 	<ul style="list-style-type: none"> FDA 	<ul style="list-style-type: none"> AMS APHIS (EAN) FAS FDA FWS TTB 	<ul style="list-style-type: none"> E&C (Steel Licensing) USACE 	<ul style="list-style-type: none"> FDA
<ul style="list-style-type: none"> Other Data Exchange Types 		<ul style="list-style-type: none"> Data: Census, NRC APHIS (Streamlined Findings Input) 	<ul style="list-style-type: none"> BIS (Export Licensing Forms) DDTC (Export Content) 	<ul style="list-style-type: none"> Portal Access: <ul style="list-style-type: none"> FTZB EPA (Exports, Hazmat) AMS (Exports, Apples & Grapes) 	<ul style="list-style-type: none"> Data: MARAD, FAA, FHWA AMS APHIS (309) ATF DEA (Exports, Precursor and Controlled Chemical Shipments) NMFS (Export Licensing Forms) OFAC (Export Licensing Forms) 	<ul style="list-style-type: none"> Portal Access: (AD/CVD) APHIS (EAN) BTS FWS (Export Licensing Forms) PHMSA DSCA (Export, Foreign Military Sales) 	<ul style="list-style-type: none"> BIS (Export Decrementation) DDTC (Export Content) 	<ul style="list-style-type: none"> Data: A/LM, OFM, OES 	

MAY 1, 2015: MANDATED USE OF ACE FOR ALL ELECTRONIC MANIFEST FILINGS.

NOVEMBER 1, 2015: MANDATED USE OF ELECTRONIC CARGO RELEASE AND ASSOCIATED ENTRY SUMMARY.

OCTOBER 1, 2016: MANDATED USE OF ACE FOR ALL REMAINING ELECTRONIC PORTIONS OF THE CBP CARGO PROCESS.



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Full schedule available at cbp.gov/ace



ACE/Automated Export System (AES)

AES Re-Engineering (Commodity Filing)

- March 22, 2014 - ACE/AES was deployed to the new ACE platform.
- The existing AES post-departure filing option (option 4) is available on the new ACE/AES platform for existing and approved option 4 filers.
- There is no impact on *AES Direct* filers.
- The AES legacy system was retired in April 2014.
- CBP is now decrementing the license value when provided by the trade for DDTC license type 05.



ACE/AES Census Regulatory Changes

The re-engineered AES included the following enhancements for Census Bureau regulatory changes:

- Post-departure filing times changed from Ten (10) to Five (5) calendar days from the date of exportation
- Added Ultimate Consignee Type and License Value
- Foreign Trade Zone Identifier increased from Five to Seven alpha-numeric characters

On April 3, 2014 Census issued a Foreign Trade Regulation (FTR) letter delaying enforced compliance for these changes.

- An additional 180 day “informed compliance” period from April 5 to October 2, 2014.
- No penalties will be issued during this time.



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ACE/AES Advance Export Information (AEI)

On January 31, 2014 - Census & CBP/OFO issued a Federal Register Notice to announce the AEI pilot and define eligibility requirements and details on the pilot.

The AEI filing option:

- Requires the filing of 10-12 data elements pre-departure with the remaining data elements to be filed 5 days after export.
- Will not be turned on in the new ACE/AES platform until Census and CBP approve the trade parties for the pilot.



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ACE/AES and Bureau of Industry & Security (BIS) Regulatory Changes

The re-engineered AES included the following enhancements for BIS regulatory changes:

- Development of license decrementation capability within the re-engineered ACE/AES platform.
- Added a Placeholder for the potential expansion of the Export Control Classification Number (ECCN) in support of possible future regulatory changes.
- Development of better validations and edits on license data to enhance processing of filings and notifications.



ACE Export Manifest

- CBP is building an electronic export manifest process for all modes of transportation (Air, Ocean, Rail, Truck) to eliminate costly and time consuming paper processes in place today.
 - These export manifest developments will be rolled out as pilots over the next year pending publication of a final regulation change removing paper filing as an option and allowing for filing electronically by the trade.
- Air export manifest is currently being coded for a tentative fall 2014 pilot which will be announced as part of a Federal Register Notice (FRN).
 - The capability has been coded in the industry standard message sets of **Cargo-IMP 32nd Edition** and CBP is currently coding an **XML Unified** Multi-Modal Manifest Message set for use with all four MOTs.
 - CBP will code for **XML IATA 2nd Edition**, and possibly for an AIR CAMIR manifest version.
 - Currently a draft version of a possible Air CAMIR export manifest is published on the website and will be updated at the end of August 2014 with additional guidance on the two additional message sets above. (Cargo-IMP, and XML Unified Multi-Modal Manifest Message Set.)



ACE Export Manifest – cont'd

- Ocean export manifest will be coded for a tentative early 2015 pilot and will be announced as part of a FRN prior to being implemented. It is being coded to the current ANSI X12 message set and the Ocean CAMIR message set.
 - There is also a Frequently Asked Question (FAQ) posted along with the instructional guidelines on the CBP website. <http://www.cbp.gov/trade/ace/export-manifest>
- Rail export manifest will be coded for a tentative early 2015 pilot and will be announced as part of a FRN prior to being implemented. It is being coded to the industry standard ANSI X12 message set.
- Truck export manifest is still being discussed and guidance will be released once plans for this functionality are completed.



ACE Export Manifest Highlights

ACE export manifest will provide the ability for trade to file and CBP to process electronic export manifests.

Benefits

- ACE will provide advance validation of the Internal Transaction Number (ITN) that will link the manifest and commodity filings.
- ACE will provide advance notice of holds prior to loading.
- ACE will automate the closing out of the in-bond transaction with one departure message.

Pilots

- Federal Register Notice will be published soliciting trade participants for export manifest pilots for all modes.
- Rolled out similar to ACE Cargo Release – beginning with limited carriers, limited ports.
- Air, ocean and rail export manifest pilots will be operational and available by May 2015 when all electronic export manifests must be filed in ACE.
 - Air export manifest pilot – Target: Fall 2014
 - Ocean export manifest pilot – Target: Early 2015
 - Rail export manifest pilot – Target: Early 2015
 - Truck export manifest pilot – Target: not currently scheduled



Export Manifest Programming Requirements

- Air export manifest will support Cargo Imp Message Set, XML and if needed Air CAMIR
- Rail export manifest will support ANSI X12 6050 standard as posted on the cbp.gov
- Ocean export manifest will support existing transaction sets for ANSI X12 and CAMIR
- Truck export manifest IGs are being drafted and will be posted on cbp.gov as soon as available.
- CBP is working on a draft proposed unified XML version for export manifest inclusive of all modes (air, ocean, rail and truck) that will be provided to the trade as soon as possible.



ACE Export Manifest

- **Draft Export Manifest Implementation Guidelines Posted to cbp.gov:**
 - Draft Air Export Manifest – CAMIR
 - Draft Ocean Export Manifest – CAMIR
 - Draft Ocean Export Manifest – X12
 - Draft Export Rail Manifest – X12
- **Link**
 - <http://www.cbp.gov/trade/ace/export-manifest>



Questions?

<http://cbp.gov/ace>
askACE@cbp.dhs.gov



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