Automated Commercial Environment (ACE)
Program Status

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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

PRE-ARRIVAL
MANIFEST

- Ocean/Rail Inbond
- Truck Inbond
- Air Manifest and Inbond

- Rail Manifest
- Ocean Manifest
- Truck Manifest
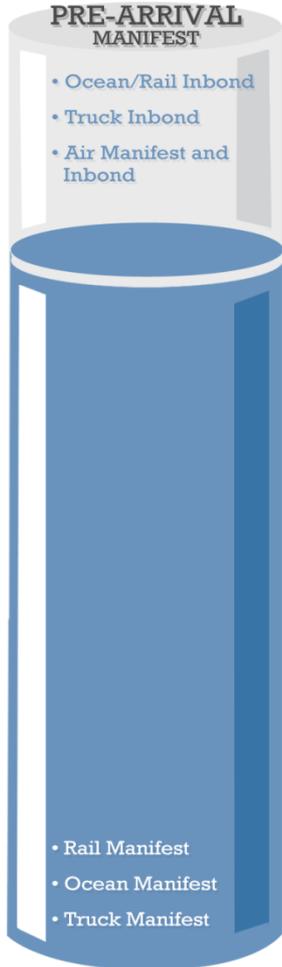
33% faster truck processing with ACE

ARRIVAL
CARGO RELEASE

- Remaining Entry Types
- FTZ Admissions
- Diversions
- Remote Location Filing
- Unified SE/ISF filing

- Truck
- Certified from Summary
- Air/Ocean/Rail
  - Inbond Movements
  - Splits/Partials
  - Corrections/ Cancellations
- Cargo Release Pilot - Air Baseline
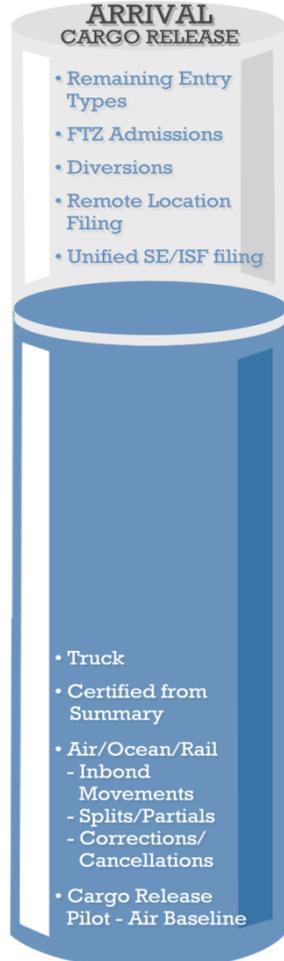
Close to 400,000 Simplified Entries filed

POST RELEASE
ENTRY SUMMARY

- Monthly ES & Remaining Validations
- Liquidation, Protest, & Drawback
- Remaining ES Types
- Quota
- Statements
- STB & eBond

- Entry Summary Validations
  - Simple/Complex Duty Calculations
  - MPF
  - HMF
  - Tarriff Classification
- AD/CVD Case Mgmt
- Automated Forms
- Post Summary Corrections
- Initial Entry Summary Types
- Periodic Monthly
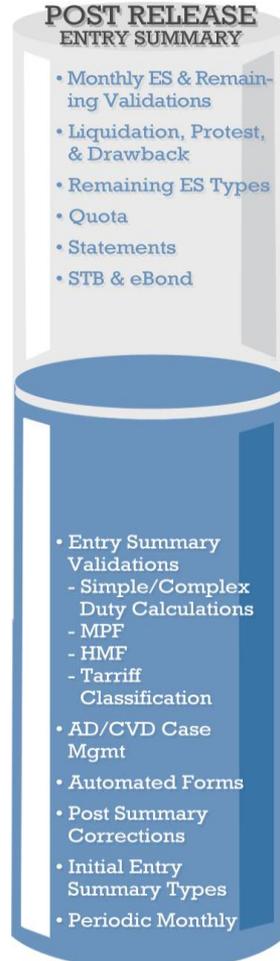
More than 34% of entry summaries filed and 76% of duties and fees collected in ACE

EXPORTS

- Export Manifest: All Modes
  - Truck Export Manifest
  - Ocean/Rail Export Manifest
  - Air Export Manifest

- AES Commodity filing and incorporation of AES into ACE
- Census/BIS reg changes
- DIS Ocean Manifest Pilot
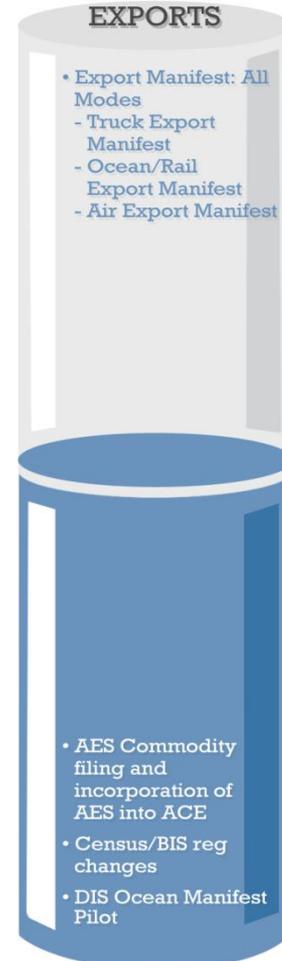
Reduced courier/printing costs saving each participant ~$900K/year

PGA INTEGRATION

- FDA
- APHIS (Lacey Act)
- Remaining PGAs

- Document Image System (DIS)
- Interoperability Web Services
- PGA Message Set
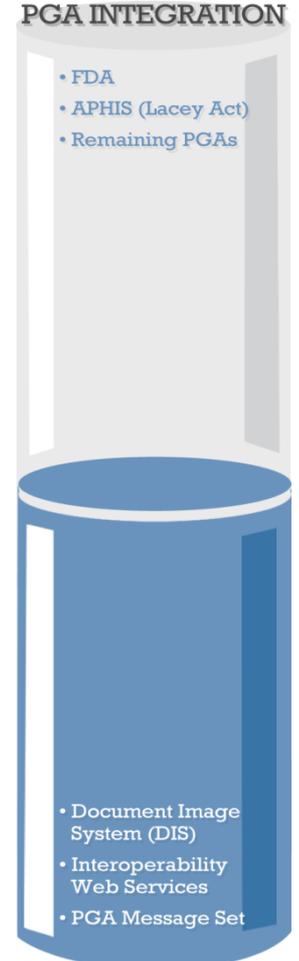
8 PGAs receiving data via ACE

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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	11 months
November 1, 2015	Mandatory use of ACE for electronic Cargo Release and related Entry Summary filings	17 months
October 1, 2016	Mandatory use of ACE for all remaining portions of the CBP cargo process	28 months

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High Level ACE Deployment Schedule

	DEPLOYMENT A	DEPLOYMENT B	DEPLOYMENT C	DEPLOYMENT D	DEPLOYMENT D	DEPLOYMENT D	DEPLOYMENT E	DEPLOYMENT F	DEPLOYMENT G
	November 2, 2013 — Increments 1 and 2	January 4, 2014 — Increment 3	Aug 7 - Nov 5, 2013 — 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			• Vessel Management System (VMS)		• Air Manifest Processing				
ARRIVAL CARGO RELEASE	• Air Processing › Corrections & Cancellations › In-Bonds › Partial Quantities › Split Shipments (Hold All & Immediate Delivery)	• Ocean/Rail Processing › Corrections & Cancellations › No In-Bonds › No Partials • Single Accept/Reject message • MEWS	• Air Processing › Certified from Entry Summary • Ocean/Rail Processing › In-Bonds › Partials › Certified from Entry Summary • Truck Processing › Corrections & Cancellations › No In-Bonds › No Partials	• Single CR filing to include ISF data	• Diversions	• Truck Processing › In-Bonds › Partial Quantities › Certified from Entry Summary • Ability to Query Entries via ABI • Redelivery • Non-ABI Entries	• Remaining ES Types • FTZ Admissions		
POST RELEASE ENTRY SUMMARY & ACCOUNTS	• System Validations: › Harbor Maintenance Fee › Classification • Single Accept/Reject message	• System Validations: › Simple Duty Calculations	• System Validations: › Complex Duty Calculations › Merchandise Processing Fee (MPF)	• System Validations: › Informal Entry Restrictions › Charges Restrictions › Taxes › Other Fees		• Statements • Electronic Bond Processing: › STB › Continuous Bonds • Exporter & Freight Forwarder Accounts • Remaining ES Types	• Lab Sample Records • Protest • Liquidation • RLF • Remaining ES Types	• Drawback	• System Validations: › Tariff Usage Restrictions › Licenses, permits, certificates
EXPORTS			• Commodity Processing › Support for Census and BIS Regulatory Filings		• Air Manifest	• Ocean/Rail Manifest	• Truck Manifest		
PGA INTEGRATION — Document Image System (DIS)	• APHIS • CDC • DCMA • EPA • FSIS • NMFS						• CPSC • FWS • TSA	• ATF • IRS	
PGA INTEGRATION — Interoperability Web Services (IWS)	• AMS • FSIS • CPSC • USCG			• AMS • NMFS • TTB	• NHTSA • FCC	• FDA	• FDA • FWS	• BLS • EIA • E&C, OTEXA • IRS	• FMC • USTR
PGA INTEGRATION — PGA Message Set	• EPA (ODS) • EPA (Vehicles & Engines) • FSIS		• NMFS		• APHIS Lacey Act • CDC (Human Blood) • FCC • FDA (Start) • NHTSA • EPA (Pesticides) • EPA (Vehicles & Engines)	• FDA	• AMS • APHIS (EAN) • FAS • FDA • FWS • TTB	• E&C (Steel Licensing) • USACE	• FDA
PGA INTEGRATION — Other Data Exchange Types		• Data: Census, NRC • APHIS (Streamlined Findings Input)	• BIS (Export Licensing Forms) • DDTC (Export Content)		• Portal Access: › FTZB • EPA (Exports, Hazmat) • AMS (Exports, Apples & Grapes)	• Data: MARAD, FAA, FHWA • AMS • APHIS (309) • ATF • DEA (Exports, Precursor and Controlled Chemical Shipments) • NMFS (Export Licensing Forms) • OFAC (Export Licensing Forms)	• Portal Access: (AD/CVD) • APHIS (EAN) • BTS • FWS (Export Licensing Forms) • PHMSA • DSCA (Export, Foreign Military Sales)	• BIS (Export Decrementation) • DDTC (Export Content)	• 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

Getting Started is Easy

Mandatory dates are set

- Don't wait until the last minute!
- Be one step ahead of the game.
- Start benefiting from capabilities

To start using ACE:

Brokers, self-filers & carriers:

- Contact your software provider and inquire about their ability to file cargo release, entry summary and manifest transaction in ACE
- Contact your CBP Client Representative and express your interest in filing in ACE

Importers using a Broker or Carriers using a Service Center:

- Inquire about broker or service center ability to transmit to ACE

"I WANT TO…"	ACE VIA EDI INTERFACES	ACE PORTAL
Send Importer Security Filing Data *Only low volume through Portal (less than 12 per year)	✔	✔
File an Import Ocean or Rail Manifest	✔	
File an Import Truck Manifest	✔	✔
File an Entry	✔	
File an Entry Summary	✔	
File Export Commodity Data *Can also be filed using AESDirect	✔	
Run Reports		✔
Respond to CBP Forms 28, 29, 4647		✔
Create Blanket Declarations		✔
Submit Supporting Documentation	✔ DIS	✔ Upload Forms
Manage Account and Periodic Monthly Statement Information		✔
File Export Manifest and Import Air Manifest	*Coming in January 2015!*	

See cbp.gov/ace for more detailed information

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ACE Secure Data Portal Application and Website

HTTPS://ACE.CBP.DHS.GOV

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ACE Secure Data Portal Capabilities

- Management of CBP Forms 28, 29, 4647
- Supporting Documentation Upload
- Blanket Declarations
- Importer Security Filing
- Broker Employee Data Upload
- Entry Number Banks

- AD/CVD Case and Message Management
- In-Bond Authorization Control
- Conveyance Data Upload
- Truck e-Manifest filing
- ACE Reports
- Periodic Monthly Statement Quickview

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ACE Secure Data Portal – ACE Reports

ace secure data portal

| Home | Documents |

View ▾ New ▾ Organize ▾ Send ▾ More Actions ▾ | Details

My Documents
Folders

📂 Public Folders

📁 ACE

Title ▲	Type
📁 ACE	Folder
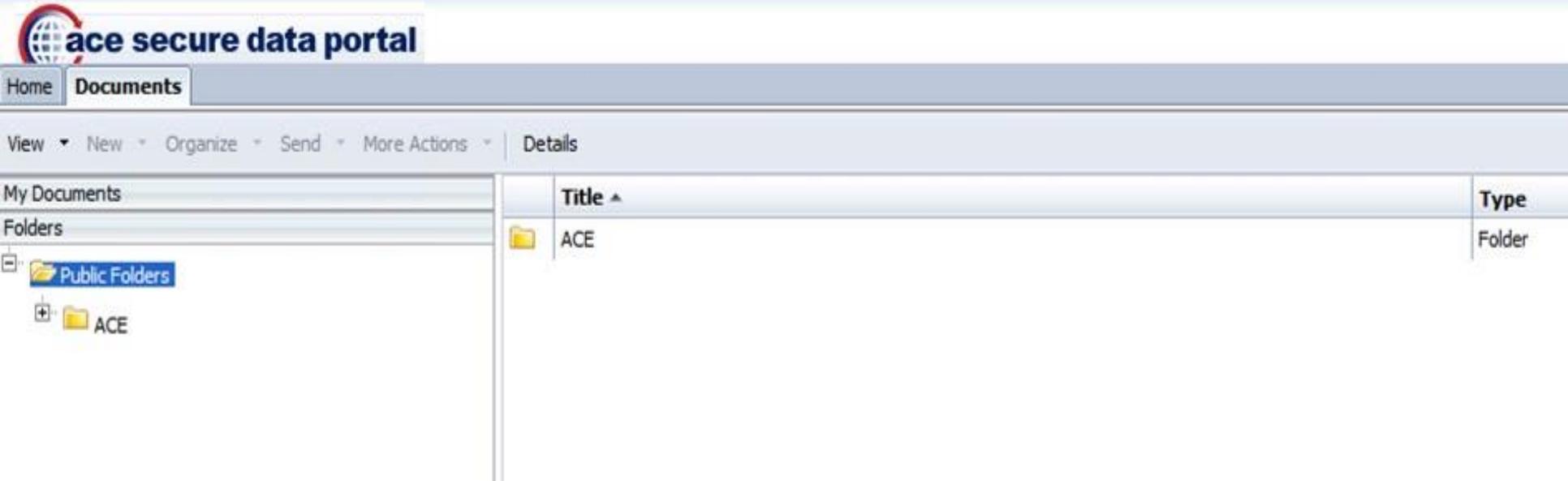
Multi-Modal Manifest Folder	**Entry Summary Reports Folder**	**Account Revenue Folder**
MMM 9009 In-Bond Details Report MMM 9021 BOL Details	ESM 7001 Entry Summary Census Warning and Override Report ESM 7008 Entry Summary Line Detail Report ESM 7068 Entry Summary Report ESM 7024 ACE Reject Report ESM 7025 CBP Form 28, 29, 4647 Status Report	AR 007 Periodic Monthly Statement AR 007 Periodic Statement Detail

Entry Summary data is refreshed nightly

Periodic Monthly Statement data is refreshed hourly

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Questions?

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

References and Resources

Cargo Systems Messaging Service (CSMS)

- Provides information on all commercial systems, including truck e-Manifest, air manifest, rail manifest, ocean manifest, and Automated Broker Interface (ABI):

  - CSMS is the broadcast message system for users of CBP automated commercial trade systems
  - Messages from CSMS are sent instantly, providing near real-time access to the latest news and information from CBP

- Two ways to get information with CSMS:

  - Messages e-mailed directly to subscribers
  - Messages also stored on a searchable database, accessible via CBP.gov

- Subscribe for CSMS messages at:
  - https://public.govdelivery.com/accounts/USDHSCBP/subscriber/new?pop=t&qsp=938

- To search for CSMS Messages:
  - http://apps.cbp.gov/csms/csms.asp?display_page=1

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CBP.Gov - ACE Technical Information

- The following technical requirements for interfacing with ACE is available at CBP.gov:

  - ACE ABI CBP and Trade Interface Requirements (CATAIR)
    - http://www.cbp.gov/trade/ace/catair/

  - ACE Ocean Manifest Implementation Guides
    - http://www.cbp.gov/trade/ace/ocean-manifest

  - ACE Rail Implementation Guides
    - http://www.cbp.gov/trade/ace/ocean-manifest

- List of CBP Certified Software Vendors
  - http://www.cbp.gov/document/guidance/abi-software-vendors-list
  - http://www.cbp.gov/document/guidance/sea-ams-data-processing-services

Portal Applications

The application to request your free ACE Portal account as well as instructions and tutorials can be found on CBP.gov

http://www.cbp.gov/sites/default/files/documents/ace_portal_app_3.pdf

Web Based Training for each release

http://nemo.cbp.gov/ace_online

Cargo Systems Messaging Service

A subscription based, broadcast message system for users of CBP automated commercial trade system http://apps.cbp.gov/csms/

www.CBP.gov/trade/automated

- Getting Started with ACE
- Federal Register Notices
- Training and Reference Guides
- Technical Documentation

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