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AUTOMATED COMMERCIAL ENVIRONMENT (ACE) UPDATE



03/28/2017



U.S. Customs and
Border Protection

ACE and the Single Window

Objectives for Single Window

Data Availability



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

Paper Reduction



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

Compliance



Easier for industry to comply with government regulations

Cost Reduction



Reduced costs for Government and industry

Results of Single Window

Data Availability

- 33% reduction in wait times at land border truck processing ports
- 68x faster processing of single and continuous bonds
- Data transmission among multiple systems for targeting and selectivity

Paper Reduction

- 241 import forms automated
- 58 export forms automated

Compliance

- System verification of data prior to CBP acceptance
- Ability for industry to easily monitor progress of their filings

Cost Reductions

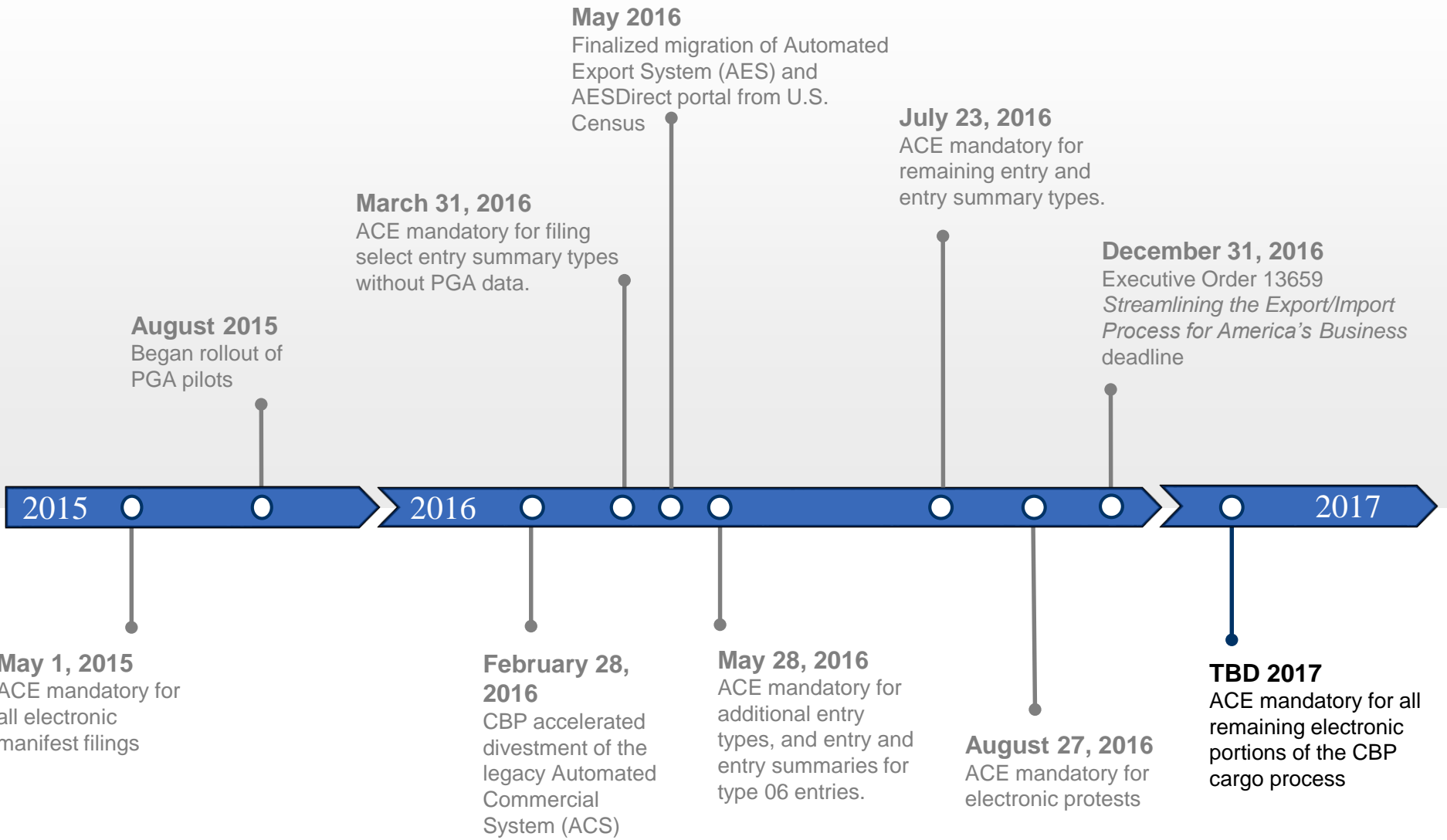
- CBP's investments in automation and capability acquisition led to an estimated 1.42% reduction in cost to import goods into the United States in FY16

Achieving Single Window

- Completed six of seven primary deployments to achieve core trade processing in ACE. Last deployment will allow the transition off the legacy Automated Commercial System (ACS).
- Coordinated with 47 partner government agencies to facilitate interagency trade data sharing and communications
- Reached nearly 90,000 CBP, PGA and Trade active ACE users
- Trained 7,500 CBP field users across multiple capabilities
- Published over 100 Federal Register Notices (FRNs) to support policy and legal requirements



Single Window Implementation via ACE

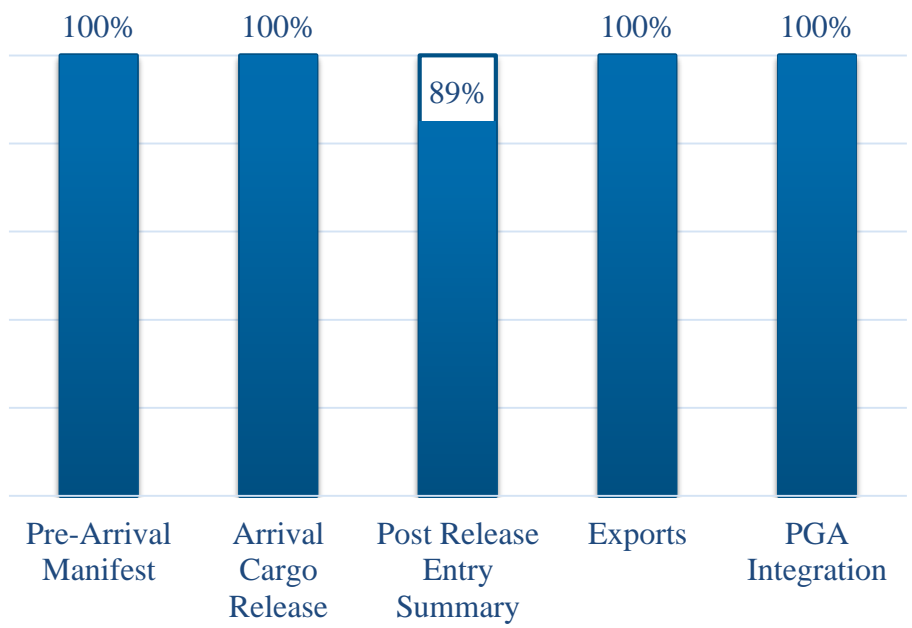


Path to ACE Core Trade Processing

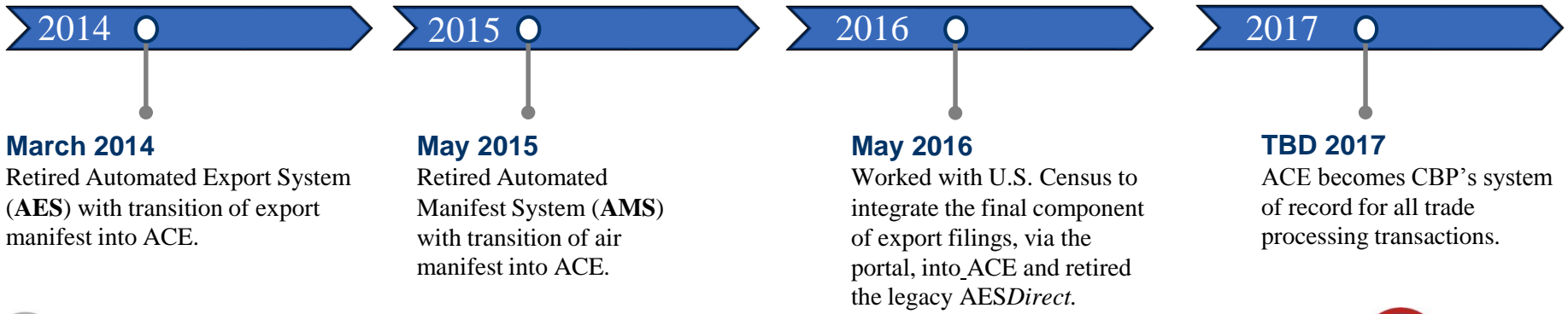
Coordination & Development

- ✓ Developed 5.3+ million lines of code
- ✓ Automated 250+ paper forms
- ✓ Conducted targeted phone calls to 1,000+ trade filers across the country
- ✓ Coordinated with 40+ vendors to update software in support of their customers
- ✓ Trained 7,500 CBP field users
- ✓ Published over 100 Federal Register Notices to support required policy and legacy framework

ACE Core Deployment Status



Legacy Systems Divested



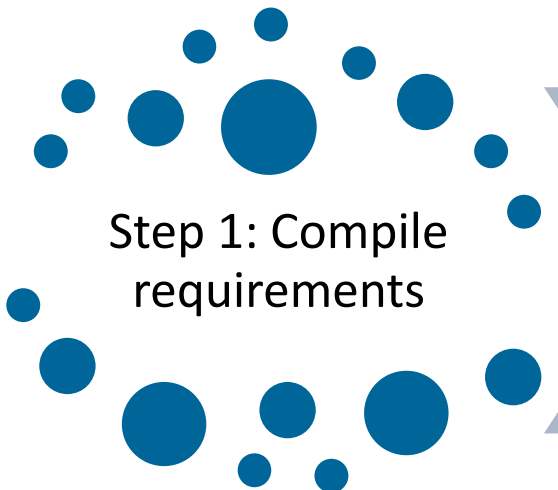
Highlights of Post Release Capabilities

Protest (Available August 27, 2016)	<ul style="list-style-type: none"> • Protest Filer Account • Integrated with DIS • Seamless workflow • Electronic notifications • Broader trade participation
Liquidation (Available January 14, 2017)	<ul style="list-style-type: none"> • Posting on CBP.gov of Official Notices of Extension, Suspension and Liquidation
Coming 2017	
Liquidation	<ul style="list-style-type: none"> • No longer display as liquidated when liquidation date is in the future • Weekly processing
Reconciliation	<ul style="list-style-type: none"> • Reconcilable issues and timeframes remain the same • Data submissions fully electronic • Submit only reconciled amounts
Drawback	<ul style="list-style-type: none"> • Electronic submission of entire Drawback Package • Filings allowed at the 10 digit HTS line level • System Validations • Tighter integration with post release processes • Improved system controls
Statements	<ul style="list-style-type: none"> • All Statements will be processed in ACE • Statement view for Trade will continue to be via Reports

Partner Government Agencies – EPA, FDA, OFAC Status


PGA	Import or Export	Electronic Filing of PGA data available in ACE	Paper Filing Not Optional	Paper Filing Optional	Note
EPA	Import - TSCA	●		●	Effective March 21, with the implementation of the TSCA Final Rule, a "blanket" TSCA certification will no longer be accepted. Each entry submission, whether electronic or paper, must include certification.
EPA	Import – V&E	●		●	
EPA	Export - Haz Waste	●		●	
FDA	Import	●	●		Entry notice for all products regulated by the FDA can be submitted electronically through ACE. In addition, Prior Notice is mandatory for food products regulated by FDA. Prior Notice must be filed electronically and can be accomplished through ACE or FDA's Prior Notice System Interface (PNSI).
OFAC	Export	●		●	

Determining Post-Core Automation Priorities



Step 1: Compile requirements

Compile list of automation requirements from trade partners, CBP, and Partner Government Agencies



Step 2: Map requirements

Map requirements to agency strategic goals for FY17 and legislative mandates



Step 3:
Prioritize

Leverage governance bodies to adjudicate and prioritize future automation capabilities and identify funding

ACE Trade Resources



Outreach

Stay up to date on community events and webinars.

www.cbp.gov/aceoutreach



Training

Find user guides and online courses on the ACE Portal and system functions.

www.cbp.gov/ace-training



E-mail Alerts

Receive automatic updates on ACE on: system outages, new capabilities, technical documentation and more.

<https://apps.cbp.gov/csms/csms.asp>



FAQs

Answers to some of our most frequent questions on: ACE Portal, manifest filings, cargo release, and more.

www.cbp.gov/ace-faqs



Support

For support on ACE, including ACE Portal, ACE AESDirect, technical support, and more.

www.cbp.gov/ace-support



Technical Documentation

Find technical specifications needed to electronically transmit data to ACE, including PGA data, along with supplementary guidance.

www.cbp.gov/trade/automated/systems

ACE on CBP.gov

The screenshot shows the U.S. Customs and Border Protection website. The top navigation bar includes links for 'Get Email Updates', 'Contact Us', 'Comunicarse con Nosotros', and 'For Employees'. The main navigation bar lists 'About CBP', 'Newsroom', 'Travel', 'Trade', 'Border Security', and 'Careers'. The page title is 'ACE and Automated Systems'. The left navigation menu (1) includes 'Basic Import and Export', 'ACE and Automated Systems', 'Getting Started with Automated Systems', 'Technical Documentation', 'ACE Features', 'ACE Federal Register Notices', 'Border Interagency Executive Council', 'Programs and Administration', 'Priority Trade Issues', 'Rulings and Legal Decisions', 'Stakeholder Engagement', and 'Trade Facilitation and Trade Enforcement Act'. The main content area (2) features a 'Get Started with ACE' section with icons for 'Get Started', 'Apply for an Account', and 'Log In'. Below this is a 'How to Stay Informed' section with icons for 'Sign Up for Email Messages', 'Find an Outreach Event', and 'Learn about the Trade Support Network (TSN)'. The 'How to Get Support' section includes icons for 'ACE Support', 'Training and Reference Guides', and 'Frequently Asked Questions (FAQ)'. The right navigation menu (3) lists 'ACE portal', 'CSMS', 'Outreach', 'Training', 'FAQs', and 'Support'.

1. Left Navigation:
 - Getting started
 - Technical Documentation (CATAIR, IGs, etc.)
 - ACE Features (Detail on ACE capabilities)
2. Main Column:
 - Updated with latest news/headlines
 - Mandatory Dates
 - What's New with ACE?
 - Links to publications
3. Right Navigation:
 - ACE portal
 - CSMS
 - Outreach
 - Training
 - FAQs
 - Support

Trade Engagement

Industry

Strategic/ Policy Approach

Commercial Operations Advisory Committee (COAC)

20 members | 1-2 monthly calls | 4 annual onsite meetings

3 sub-committees work on ACE:

- One U.S. Government at the Border
- Modernization
- Global supply chain security and facilitation

Output: Strategic, public policy level recommendations.

Automation/Tactical Input

Trade Support Network

300 members (40 leadership reps) | Monthly calls | 2 annual onsite meetings

9 sub-committees work on ACE:

- Account Management
- Entry
- Export
- ITDS
- Legal & Policy
- Multi-Modal Manifest
- Supply Chain Security
- Transition
- Revenue

Output: Detailed requirements for new ACE features, enhancements to existing features and assistance with testing.

Partner Government Agencies

Border Interagency Executive Council

47 agency Executives | Chaired by DHS Secretary | 4 annual onsite meetings

3 sub-committees:

- Risk Management
- Process Coordination
- External Engagement

Output: Policy coordination and reduction of barriers preventing automation.

ITDS Board of Directors

Technical reps from 47 agencies | Chaired by Treasury Under Secretary | Monthly onsite meetings

Works on all aspects of ACE integration. Forms committees and working groups as needed to address specific issues.

Output: Focus on automation and driving interagency requirements.



COAC

Advisory Committee on Commercial Operations to U.S. Customs and Border Protection

- **Committee's Official Designation:** The Departmental Advisory Committee on Commercial Operations to U.S. Customs and Border Protection (COAC) and Related Homeland Security Functions.
- **Authority:** The *Omnibus Budget Reconciliation Act of 1987* established COAC. A Department of the Treasury Order specified that COAC will be administered jointly by the Department of the Treasury and the Department of Homeland Security (DHS). COAC is established in accordance with and shall operate under the provisions of the *Federal Advisory Committee Act*. (FACA)
- **Objectives and Scope of Activities:** COAC shall advise the Secretary of the Treasury and the Secretary of Homeland Security on the commercial operations of U.S. Customs and Border Protection (CBP) and related DHS and Treasury functions. COAC may consider issues such as: global supply chain security and facilitation, CBP modernization and automation, air cargo security, customs broker regulations, trade enforcement, "One U.S. Government" approach to trade and safety of imports, agricultural inspection, and protection of intellectual property rights.

Trade Support Network

Trade Support Network (Automation/Tactical Input)

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The Border Inter-Agency Executive Council (BIEC)

- OTR is key to the implementation of the Single Window (SW) via the Border Interagency Executive Council (BIEC)
- Per Executive Order 13659, the BIEC was established to develop policies and procedures to ensure all agencies are working in concert to improve supply chain processes and targeting across agencies.
- The OTR Executive Director is the lead for imports under the BIEC External Engagement Committee (EEC) focusing on outreach to the Trade.
- The EEC manages a stakeholder group representing 10 Trade associations and obtains their input on outreach efforts during monthly meetings.
- The EEC conducts outreach events including PGA specific webinars and the 2015 20 PGA port tour roundtables.

ITDS Board of Directors

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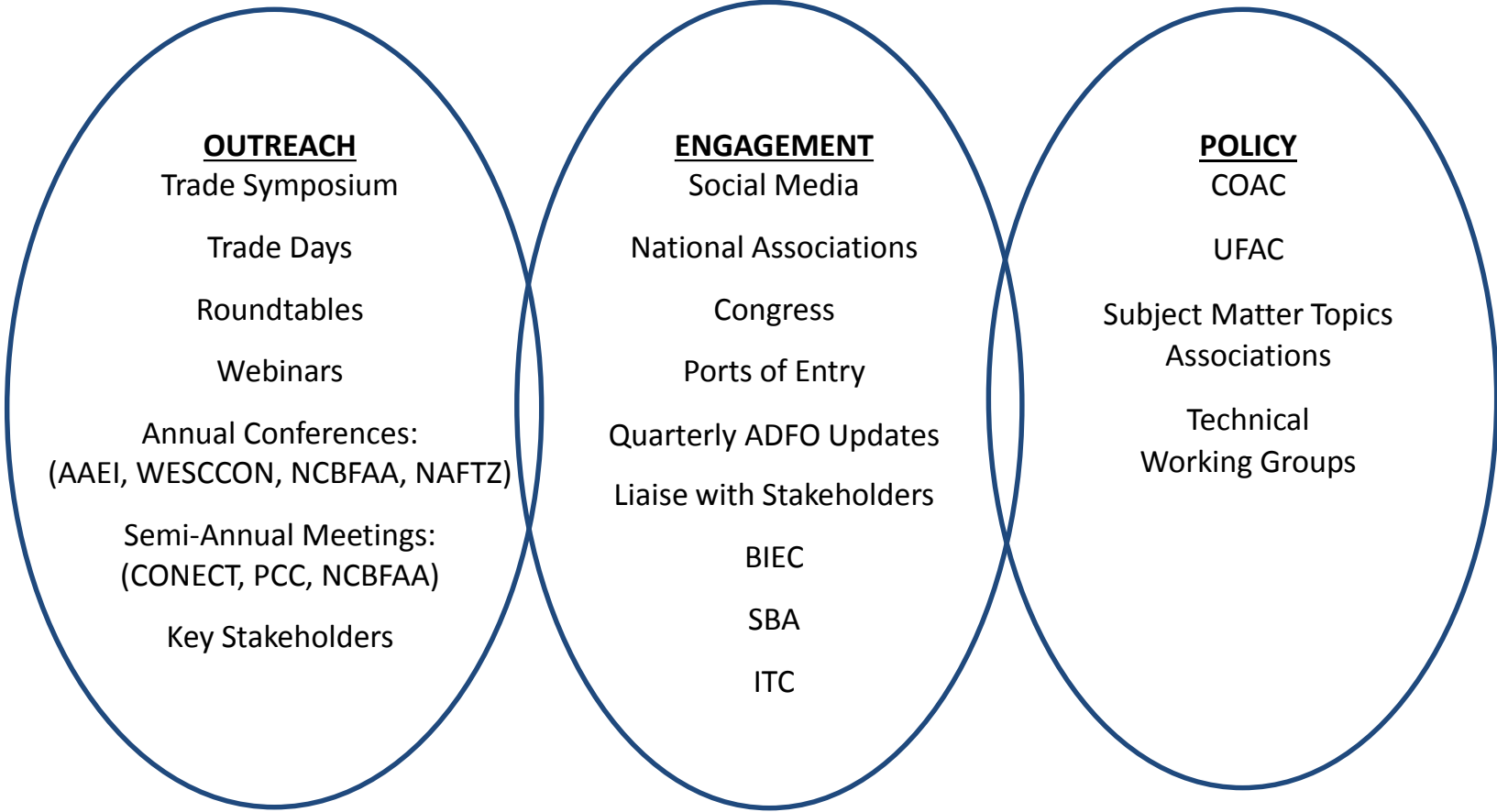
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OTR Structure



Trade Symposium

- CBP has hosted the Trade Symposium annually since November 30, 2000.
- The Trade Symposium emerged from the Customs and Modernization Act of 1993 and the agency's resulting obligation to provide the trade community greater information regarding their rights and responsibilities under customs regulations and laws.
- In 2012, OTR began implementing two symposiums per year, the East Coast and West Coast Symposium.
- OTR has the lead role in the overall planning and coordination for the Trade Symposium. The event requires a great deal of coordination, resources and effort from many components throughout the agency and planning begins months in advance. Each Trade Symposium is focused on a general theme.

QUESTIONS?



BACKUPS



U.S. Single Window for Trade



INTERNATIONAL TRADE

- In FY2016, CBP processed more than \$2.3 trillion in imports and more than \$1.5 trillion in exports, and collected approximately \$36 billion in duties, taxes and fees

ACE / ITDS

- Executive Order established deadline of December 2016 for implementation
- ACE is the technology enabler through which Single Window processing is realized

PARTNER GOVERNMENT AGENCIES

- 49 Partner Government Agencies
- Streamlines paper submissions and multiple entry systems
- Automates 300 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

How the Single Window Operates

HOW IT WORKS

ACE offers the trade community a simplified process for submitting data and interacting with CBP and Partner Government Agencies (PGAs). The graphic below provides a snapshot of how file and access data in ACE.

Transmit

1 Trade community files data directly to ACE



Use to file:

- ISF Data
- Import Ocean, Rail, or Truck Manifests
- Entries
- Entry Summaries
- Export commodity data
- Supporting documentation

EDI INTERFACES

Use to file:

- ISF Data
- Import Truck Manifests
- Responses to forms 28, 29, 4647

ACE secure data portal

Status Notifications Sent to Trade

EDI INTERFACES

3 ACE sends responses to trade as needed

Log into the ACE Portal to:

- Run reports
- Manage account and PMS info
- Create blanket declarations

ACE secure data portal

View
Use reports to query data in the ACE Portal

2 ACE processes and stores data received



ACE interacts with PGA systems to allow interagency processing






































ACE: EDI v Portal

Filing ACE data via EDI:

- Submit import and export data in accordance with ACE technical standards through Electronic Data Interchange (EDI)

Once data is submitted to CBP, use the ACE Portal to:

- Evaluate compliance and monitor daily operations
- Access multiple canned reports, with ability to customize as needed
- Submit truck import manifests, export commodity filings and Post Summary Corrections
- Monitor data on file with CBP

<i>"I want to..."</i>	ACE via EDI Interfaces	ACE Portal
 Send Importer Security Filing Data <small>*Only low volume through Portal (less than 12 per year)</small>		
 File an Import Air, Ocean, or Rail Manifest		
 File an Import Truck Manifest		
 File an Electronic Inbond		 <small>Via Truck Manifest</small>
 File an Entry		
 File an Entry Summary		
 File a Protest		
 Run Reports		
 Create Blanket Declarations		
 Submit Supporting Documents for Release <small>CBP and PGA Forms</small>	 <small>DIS</small>	
 Submit Supporting Documents for Entry Summary <small>CBP and PGA Forms</small>	 <small>DIS</small>	 <small>Upload Forms</small>
 Respond to Request for Documents <small>CBP Forms 28, 29, 4647</small>	 <small>DIS</small>	
 Manage Account and Periodic Monthly Statement Information		
 Make Post Summary Corrections		
 File Export Air, Ocean and Rail Manifest	<i>Pilots in Progress!</i>	
 File Export Commodity Data		

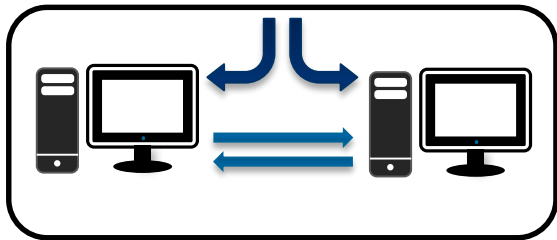
Benefits of Filing with ACE



Quicker Receipt of Data



Reduced Time and Paper Costs



Automated Agency Interaction

Manifest Submissions

- File **electronic** truck manifests (include ACE Portal filing)
- Designate **authorized partners** who can use carrier custodial bonds
- Receive **enhanced visibility** of cargo status
- **Reduce wait time** at Ports of Entry

Entry Submissions (Cargo Release)

- **Streamline** submission of data elements
- **Remove requirement** to file paper CBP Form 3461

Entry Summary Submissions

- **Increase traceability for audit and expedite release** via eBond
- Replace paper processes with **electronic post summary corrections**
- **Reduce invoice transmissions** through Census Overrides

Exports

- Generate reports of up to **5 years of export data**
- Incorporate Bureau of Industry and Security (BIS) **license control updates**
- Incorporate **Census regulatory changes**

Periodic Monthly Statement

- Pay duties & fees on **monthly basis**
- Consolidate entry summaries for a month on **one statement**
- Track activity with **customized** account views