

# Automated Commercial Environment (ACE) Program Status



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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

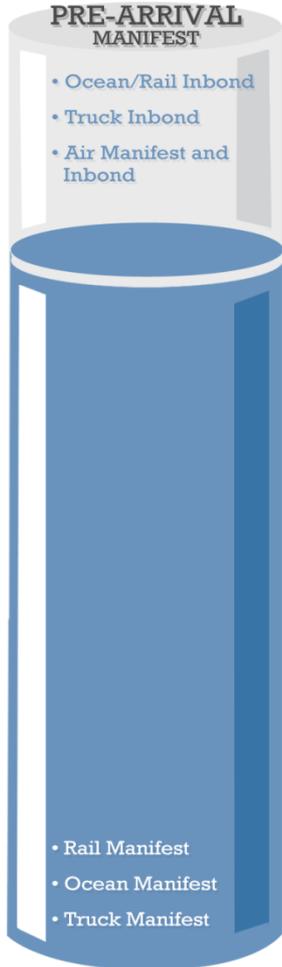


Easier for industry to comply with government regulations

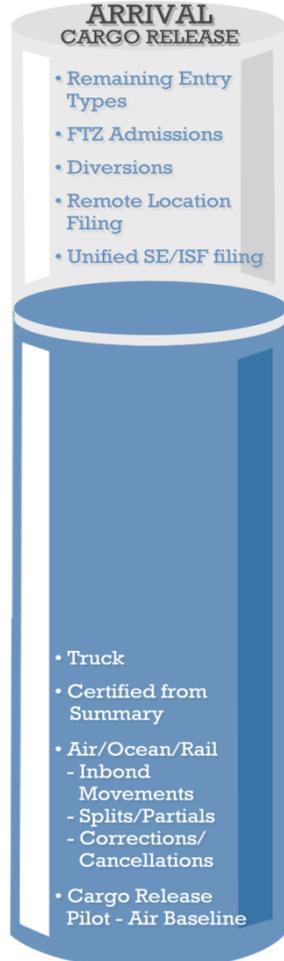


Reduced costs for Government and industry

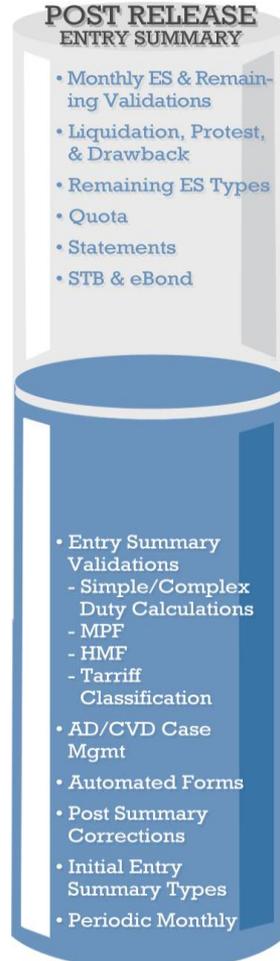
# ACE Progress



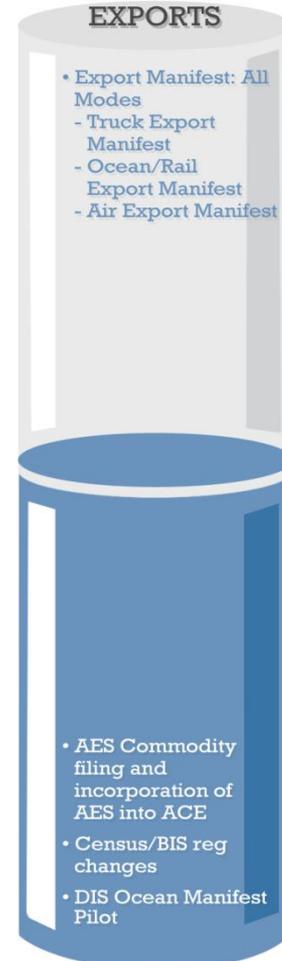
*33% faster truck processing with ACE*



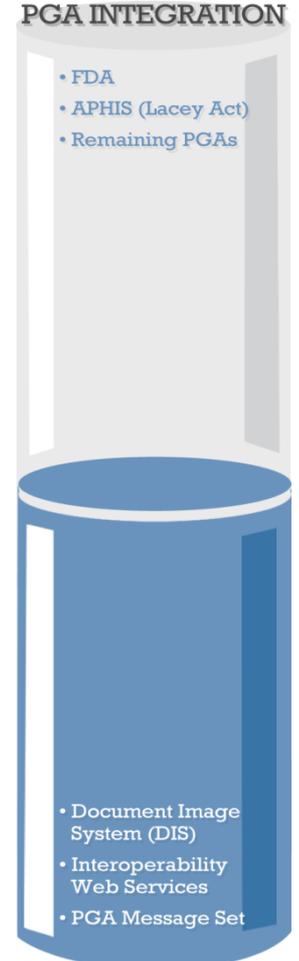
*Close to 400,000 Simplified Entries filed*



*More than 34% of entry summaries filed and 76% of duties and fees collected in ACE*



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



*8 PGAs receiving data via ACE*



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# Mandatory Dates for Transition to ACE

Date	Mandatory Requirement	Time Remaining
<b>May 1, 2015</b>	Mandatory use of ACE for electronic import and export manifest	11 months
<b>November 1, 2015</b>	Mandatory use of ACE for electronic Cargo Release and related Entry Summary filings	17 months
<b>October 1, 2016</b>	Mandatory use of ACE for all remaining portions of the CBP cargo process	28 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	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
<b>PRE-ARRIVAL MANIFEST</b>			• Vessel Management System (VMS)		• Air Manifest Processing				
<b>ARRIVAL CARGO RELEASE</b>	• 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		
<b>POST RELEASE ENTRY SUMMARY &amp; ACCOUNTS</b>	• 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	
<b>EXPORTS</b>			• Commodity Processing › Support for Census and BIS Regulatory Filings	• Air Manifest	• Ocean/Rail Manifest	• Truck Manifest			
<b>PGA INTEGRATION</b>	Document Image System (DIS) • APHIS • CDC • DCMA • EPA • FSIS • NMFS					• CPSC • FWS • TSA	• ATF • IRS		
	Interoperability Web Services (IWS) • AMS • FSIS • CPSC • USCG			• AMS • NMFS • TTB	• NHTSA • FCC	• FDA	• BLS • EIA • E&C, OTEXA • IRS	• FMC • USTR	
	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	• E&C (Steel Licensing) • USACE	• FDA	
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](http://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

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

See [cbp.gov/ace](http://cbp.gov/ace) for more detailed information



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# ACE Secure Data Portal Application and Website



## Application

### AUTOMATED COMMERCIAL ENVIRONMENT (ACE) SECURE DATA PORTAL ACCOUNT OWNER DESIGNATION/AUTHORIZATION FORM

Submit this completed document to U.S. Customs and Border Protection (CBP) by providing the requested information in the spaces below. This form constitutes your company's formal request to access its data via the ACE Secure Data Portal and its designation of an Account Owner (the individual responsible for the daily administration of the Account's activities).

**PLEASE NOTE:** With the exception of the required signatures, this form must be typed or printed. Failure to complete all required information will delay the processing of your application.

By signing below and accessing the ACE Secure Data Portal, the Account Owner agrees to be bound by the terms and conditions of portal access as specifically set forth in the Terms and Conditions document (see 72 FR 27832, published May 16, 2007) and any applicable Federal Register Notices (FRNs), including subsequent modifications to currently existing FRNs, as they may relate to the ACE test.

If submitting this form electronically, please click both boxes in section D at the end of this form. This indicates your authorization/approval of the information contained in this document. This will act as your electronic signatures. **Please Note:** If you elect to submit this document electronically, you are reminded that you will be transmitting this information via the public Internet. Data will be sent to the CBP via e-mail. Only use your business e-mail noted on this form to submit your application. To send, click the "Submit by E-mail" button at the bottom of this form after you have completed the required sections.

**Paperwork Reduction Act Statement:** An agency may not conduct or sponsor an information collection and a person is not required to respond to this information unless it displays a current valid OMB control number and an expiration date. The control number for this collection is 1651-0105. The estimated average time to complete this application is 20 minutes. If you have any comments regarding the burden estimate you can write to U.S. Customs and Border Protection Office of Regulations and Rulings, 799 9th Street, NW., Washington DC 20229. Expiration 11/30/2015.

If this is a change to an active account, please specify:

Please note that the processing of your account will be delayed by 2-3 weeks due to mail process.

#### Section A. Account Information

Name of Company:

Account's Fiscal Year End Date:

Name of Company Officer:   
(include middle initial)

Title of Company Officer:

Company Organizational Structure:

Officer's Date of Birth or Other Valid Date:

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#### NOTICE TO ALL USERS: READ NOW

You are about to access a Department of Homeland Security computer system. This computer system and data therein are property of the U.S. Government and provided for official U.S. Government information and use. There is no expectation of privacy when you use this computer system. The use of a password or any other security measure does not establish an expectation of privacy. By using this system, you consent to the terms set forth in this notice. You may not process classified national security information on this computer system. Access to this system is restricted to authorized users only. Unauthorized access, use, or modification of this system or of data contained herein, or in transit to/from this system, may constitute a violation of section 1030 of title 18 of the U.S. Code and other criminal laws. Anyone who accesses a Federal computer system without authorization or exceeds access authority, or obtains, alters, damages, destroys, or discloses information, or prevents authorized use of information on the computer system, may be subject to penalties, fines or imprisonment. This computer system and any related equipment is subject to monitoring for administrative oversight, law enforcement, criminal investigative purposes, inquiries into alleged wrongdoing or misuse, and to ensure proper performance of applicable security features and procedures. DHS may conduct monitoring activities without further notice.

#### NOTICE TO ALL USERS: READ NOW

By logging in to the ACE Portal you agree to be bound by the language set forth in the [Terms and Conditions](#) document, last updated on May 16, 2007.

It is mandatory that all ACE users maintain a current email address within their ACE user profile.



#### Login Information

Enter your ACE UserID and Password to log in:

UserID:

Password:

Log in using your [DHS PKI](#) profile.

[Forgot Your Password?](#)

If you need assistance with the portal, please contact the CBP Technology Support Center at 1-866-530-4172 for trade and PGA users, or 1-800-927-8729 for CBP personnel.



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[HTTPS://ACE.CBP.DHS.GOV](https://ace.cbp.dhs.gov)



# ACE Secure Data Portal Capabilities

The screenshot displays the ACE Secure Data Portal interface. At the top, it shows the portal name and user information. The main navigation bar includes tabs for Home, Accounts, References, and Tools. Below this, there's a 'Task List' section with a 'Refresh' button and a 'Show: All' dropdown. The 'Search Forms' section contains various input fields for searching CBP forms, including Form Type, Date of Issue, Date of Entry, IR #, Port Code, Reference or File #, Mfr./Shipper/Seller, and CBP Status. There are also 'Search' and 'Cancel' buttons. The 'Phone Directory' section has a search box for names. The 'QuickLinks' section lists links to the CBP Website and CNN. The 'Reminder' section shows a reminder for Tuesday, March 8, 2011. The 'ACE News' section contains several news items with dates and titles, such as 'December 22, 2010 - ATTENTION ALL ACE PORTAL USERS' and 'November 23, 2010 - ATTENTION IMPORTERS AND BROKERS'.

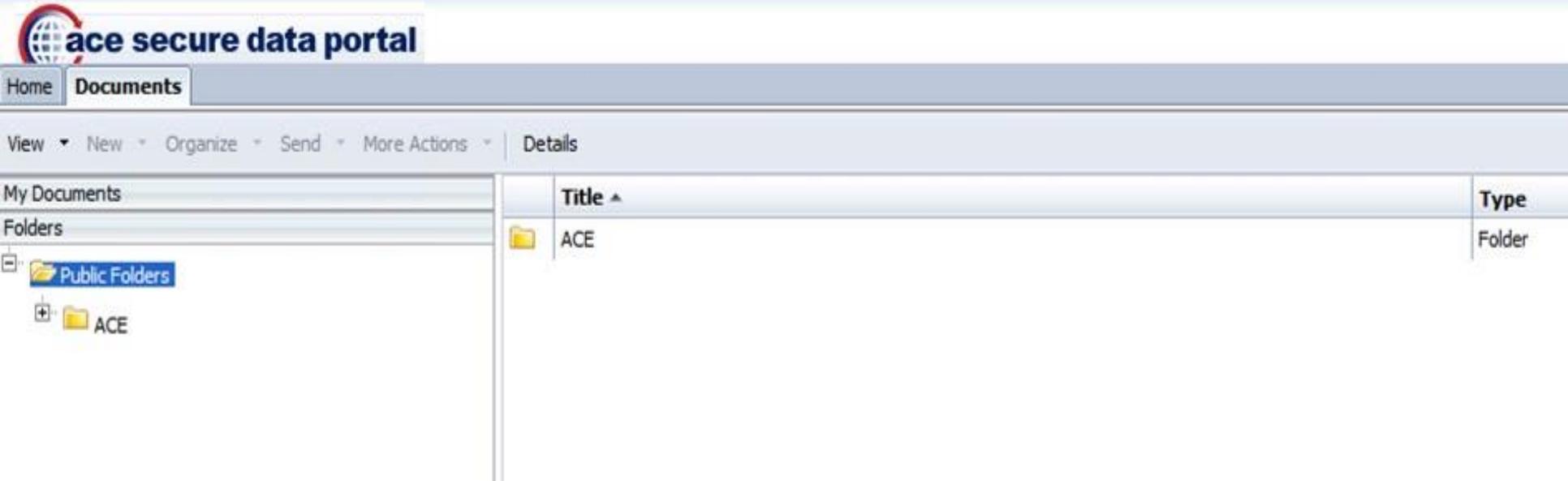
- Management of CBP Forms 28, 29, 4647
- Supporting Documentation Upload
- Blanket Declarations
- Importer Security Filing
- Broker Employee Data Upload
- Entry Number Banks
- AD/CVD Case and Message Management
- In-Bond Authorization Control
- Conveyance Data Upload
- Truck e-Manifest filing
- ACE Reports
- Periodic Monthly Statement Quickview



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# ACE Secure Data Portal – ACE Reports



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

**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](mailto:askACE@cbp.dhs.gov)



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# References and Resources



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# 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](http://apps.cbp.gov/csms/csms.asp?display_page=1)



# CBP.Gov - ACE Technical Information

Official website of the Department of Homeland Security

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- 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>



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## 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](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](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](http://www.CBP.gov/trade/automated)

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



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