



**US Environmental
Protection
Agency**

eTSCA and the Central Data Exchange

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**Office of Pollution
Prevention and Toxics**



- Introduction
- Central Data Exchange (CDX) Registration
- eTSCA tool
- CDX Submission
- Copy of Record
- Future Enhancements
- Questions & Answers

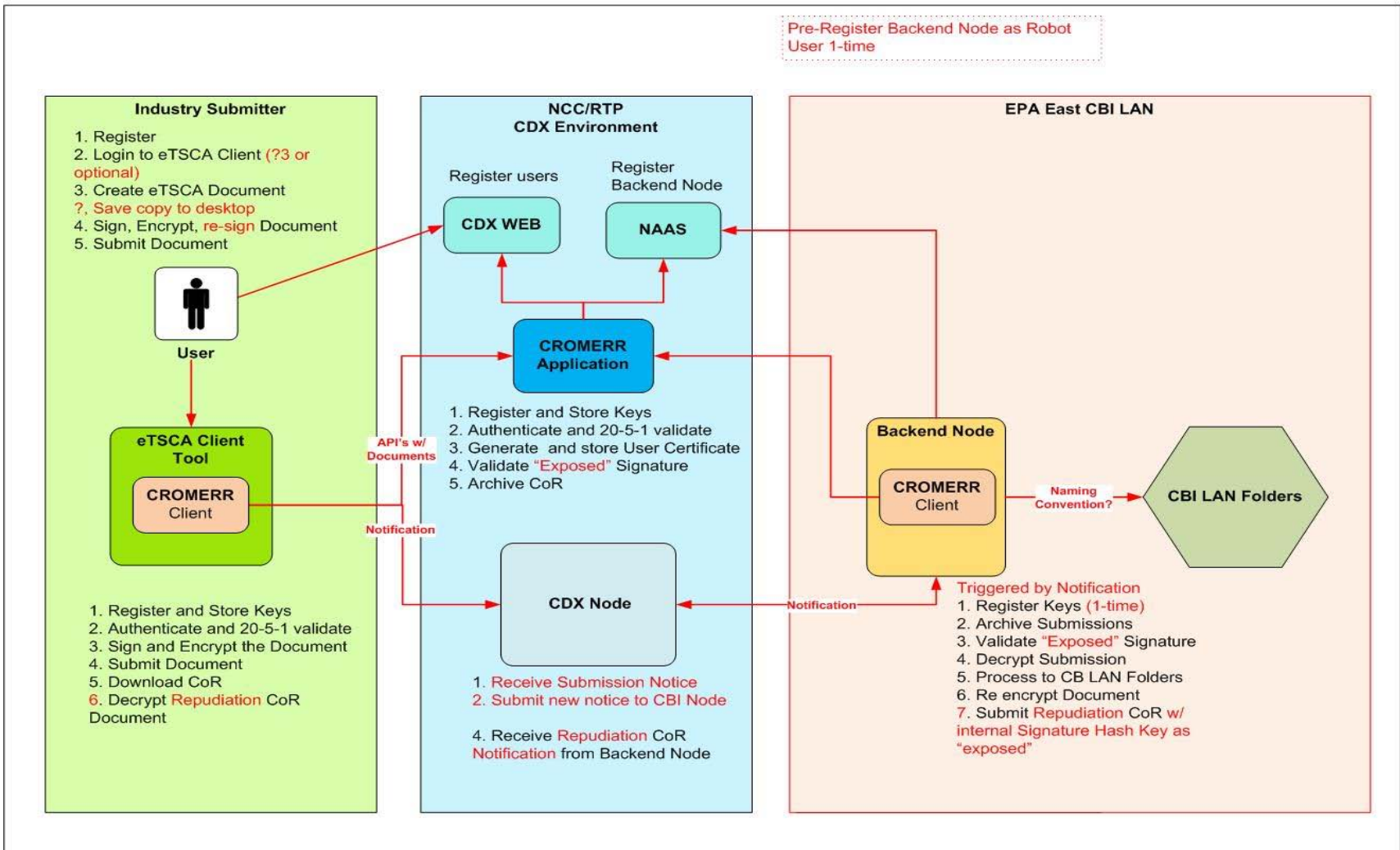




- Toxic Substances Chemical Act (TSCA) Section 5 Pre-Manufacture Notices (PMNs) and Associated Submissions
 - Final Rule published January 6, 2010
 - Rule effective date April 6, 2010
 - eTSCA client tool mandatory for all Section 5 submissions
 - Secure electronic submission through CDX to CBI LAN
 - Accept paper (1 year) and CD (2 years) produced by eTSCA tool



Electronic Reporting - CDX





CDX Registration: Overview

- CDX Registration is a Multi-step process:
 1. Initial Online Registration*- enter user information and print registration forms
 2. Mail Forms to EPA
 3. EPA Approves Registration and Activates Account*
 4. Complete Online Registration* - answer 20-5-1 questions in CDX
- Successful completion of **all 4** registration steps means a person is now ready to submit via CDX

*Acknowledgement of each successful event by e-mail



Who needs to Register with CDX?

- CDX Registration is only required for persons who will be submitting documents to EPA via CDX
- CDX Registration is **not** required to obtain and use the e-PMN software
 - The software which does not contain encryption is available directly from the New Chemicals Website
- Prior registration required for all CDX transactions
- Register online from any computer with access to the internet
 - https://cdx.epa.gov/SSL/cdx/epa_home.asp



Who needs to Register with CDX?

- Two types of registrants
 - Authorized Officials (can submit **all** documents)
Authorized Officials are those persons who would normally be listed at the top of PMN page 3 and sign the PMN form
 - Support Registrant (can **only** submit support documents like amendments, test data, correspondence, etc.)
*A Support Registrant is a person designated by an Authorized Official to submit supporting information; **For example, these persons may be technical contacts, consultants or gents***
- During submission via CDX, the e-PMN tool verifies submitter authority (i.e., Authorized Official or Support Registrant role) with CDX Registration



- Download/install the eTSCA/ePMN software
- Fill out the form
- “Finalize” and submit the form
 - Paper, CD, CDX
- View CDX Copy of Record



Two Versions of eTSCA

- What are the two versions?
 - One version of the software includes the encryption algorithms (called the “heavy” version) and the other version does not (called the “lite” version)
- Why two versions of the software?
 - We needed to limit accessibility of software which includes encryption due to ICC export restrictions
- What is the difference between the two versions?
 - Accessibility – where to find the software for download
 - Software with encryption can only be downloaded from CDX after registered account is activated
 - Ability to open CDX portal to submit to EPA or to download a Copy of Record from CDX
 - *Software without encryption (“lite”) cannot access CDX*
- **Everything else is the same**

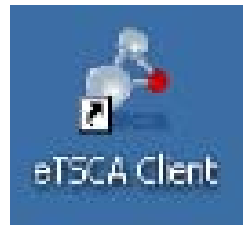


- Where do I obtain the software?
 - The “heavy” version of eTSCA (with encryption) can be downloaded from the CDX Registration website **after** you have completed registration
 - The “lite” version of eTSCA (without encryption) can be downloaded from the New Chemicals website at <http://www.epa.gov/oppt/newchems/>
- eTSCSA is installed using Webstart.
- Every time the program is launched, your system checks CDX for program updates; updates are then installed automatically.



Downloading eTSCA

- After downloading the software, it launches automatically.
- An icon is also placed on the desktop to launch the program thereafter.



“Heavy”



“Lite”



Using eTSCA to Prepare Submission

- Open/create a case file using eTSCA to fill out the submission
 - *Populate fields and add attachments*
- Prepare a finalized form that is ready for submission
 - Saves the file
 - Validates the file
 - Generates the Submission Report Number (SRN)
 - Asks how to submit (CDX*, CD or Paper)
 - » *Follows different paths depending upon submission method*

*Using the eTSCA version with encryption only (“heavy”)




Using eTSCA to Submit to EPA

- Three ways to submit
 - Paper – system creates finalized pdf (and a finalized sanitized pdf)
 - CD – system creates finalized file (which contains xml, pdf, sanitized xml, sanitized pdf, and attachments) and certification pages to print and sign
 - CDX* – system creates finalized file (which contains xml, pdf, sanitized xml, sanitized pdf, and attachments), opens the node to CDX, **encrypts the file** and sends the file to EPA
- When are files encrypted?
 - submissions are only encrypted just before submitting to EPA via CDX

*Using the e-PMN software version with encryption only



CDX Submission Process

- From eTSCA
 - Select the finalize icon 
 - Select to submit via CDX
 - Enter your CDX registration ID and password
 - eTSCA contacts CDX registration and verifies your authority level (an AO or an SR) and your data in the submission (contact information)
- CDX
 - Checks the “submitter” Authority level
 - Authorized Official can submit any document
 - Support Registrant can only submit the support form (except the Letter of Support)
 - Checks the “submitter” registration data with that in the submission
 - Is the person logging into CDX to submit the same person listed in the submission



CDX Submission Process

- If you have the proper authority to submit and your CDX data agree with the submission contact data, you are now ready to select “Submit File to Node”

eTSCA

CDX Mode Client

CDX
CENTRAL DATA
EXCHANGE

ETSCA Document Submit | ETSCA Transaction Search | ETSCA Document Download

Transaction Id:

File To Submit:

Document:

Document Type: ▼

Submit Response:



CDX Submission Process

- Enter your answer to the 20-5-1 security question from CDX registration





CDX Submission Process

- Wait for the submission to be encrypted and submitted to EPA via the CDX Node – this may take a few minutes depending on the file size and the internet traffic

The screenshot displays a web application interface for submitting documents. At the top, there are three tabs: 'ETSOA Document Submit', 'ETSOA Transaction Search', and 'ETSOA Document Downloaded'. The 'ETSOA Document Submit' tab is active. Below the tabs, there are several input fields: 'Transaction Id' (empty), 'File To Submit' (empty), 'Document' (set to 'C:\Prags'), and 'Document Type' (set to 'OFFICIAL'). A progress bar labeled 'Submitting ETSOA Document' is visible, showing a blue bar that is approximately halfway full. Below the progress bar, there is a 'Submit File to Node' button. At the bottom, there is a 'Submit Response' label.



CDX Submission Process

- A Transaction ID is assigned and you will receive an e-mail
- Select “Check Transaction Status” after a few minutes or wait for e-mail to say the Copy of Record is available for download

The screenshot shows the 'ETS/CA Document Submission' interface. At the top, there are three tabs: 'ETS/CA Document Submit', 'ETS/CA Transaction Search', and 'ETS/CA Document Download'. The 'Submit' tab is active. Below the tabs, there are several input fields: 'Transaction Id' (empty), 'File To Submit' (empty), 'Document' (C:\Program Files\etsca\TestCase1_finalized.prm_tsca), and 'Document Type' (ORIGINAL). A 'Submit File to Note' button is located below these fields. The 'Submit Response' section contains the following information: 'Transaction Id' (2111d888-32a5-4df-8e46-123f56cd8844), 'Data Flow' (TSCA), 'Document Name' (TestCase1_finalized.prm_tsca), and 'Document Type' (ORIGINAL). A 'Check Transaction Status' button is located at the bottom of the 'Submit Response' section.



CDX Submission Process


- The status may be “Processing” (still transmitting), “Received” (EPA received), “Completed” (EPA received and COR available), or “Failed” (failed to reach EPA, contact CDX Help Desk)

The screenshot shows the 'ETSQA Transaction Details' page. The status is 'FAILED', highlighted with a red box. Below the status are buttons for 'Check Status' and 'Audit Details'. A table titled 'Documents and Reports' is visible at the bottom.

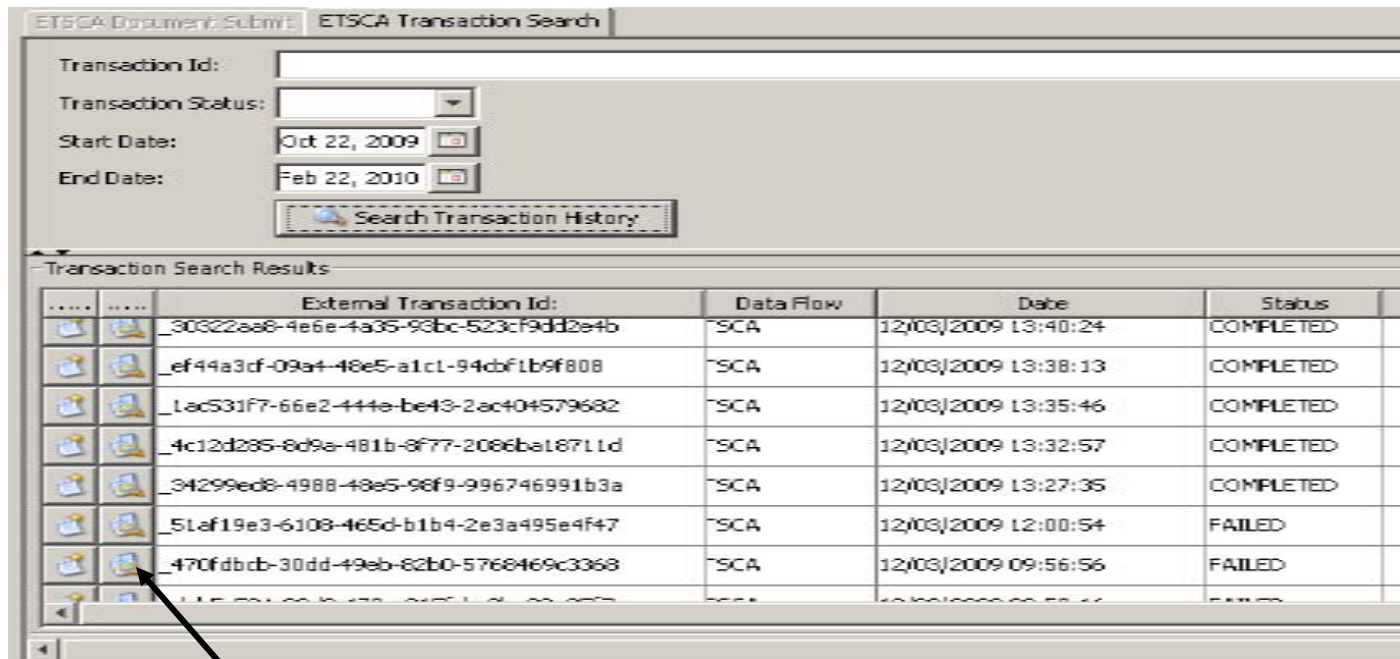
ID	Name	Category	Date	Download/Status
	TestCase1_finalized.prim_tscs	OFFICIAL	01/30/2009 10:43:37	_3sec



Check CDX for Copy of Record (COR)

- From eTSCA, open CDX Node Client* 
 - Opens CDX Node so that you may *check the status of each submission*

*On the eTSCA version with encryption (“heavy”)



Click the “Details” Icon

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Download COR from CDX

- *Download the Copy of Record*

ETSCA Document Search | ETSCA Transaction Search | ETSCA Transaction Details

External Transaction Id: _30022aa8-4a6e-4a35-90bc-523d79d2e4f


Data Flow: TSCA

User Name: GEORGE BREEM

Date: 2008-12-03 13:40:24

Status: COMPLETED [Check Status](#) [Audit Details](#)

Documents and Reports

ID	Name	Category	Date	Doc
	PMNL kes finalized.pml_tsca	ORIGINAL	12/03/2008 13:40:29	
	 ORIGINAL_COR_PML kes finalized.pml_tsca	ORIGINAL_COR	12/03/2008 13:42:08	

Download Icon



Future Enhancements

- Thin client/Web based
- Forms software (e.g., Adobe)
- On line verification of chemical and facility ID (FRS and SRS)



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Questions & Answers



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