

U.S. Environmental Protection Agency's (EPA) Central Data Exchange (CDX) will serve as EPA's enterprise-wide portal to the agency's information network and as the EPA's node on the National Environmental Information Exchange Network (Network) with the States. Emission inventories reporting through CDX by State and local air programs began last year. This poster summarizes the results of the June 2001 submissions through CDX, discusses lessons learned during this submission period, and presents key considerations for the June 2002 update cycle for 1999 NEI data and future emissions inventory reporting through CDX.

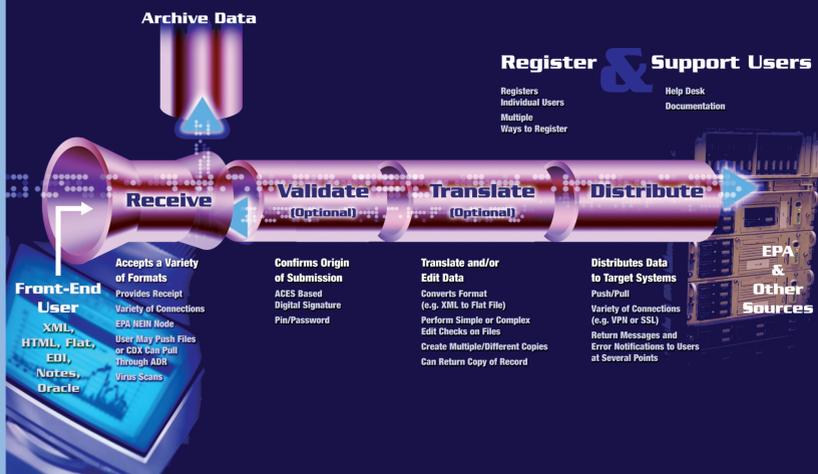
Emission Inventory Reporting through EPA's Central Data Exchange: 2001 and 2002 Reporting Periods

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CDX Technical Overview



SUMMARY OF THE 2001 SUBMISSION PERIOD

- A total of 73 state and local air program (including 3 tribes) representatives registered with the CDX/NEI reporting system.
- During this update cycle, 168 submissions were made. More than 20 state and local agencies made multiple submissions. The majority of the submissions were NIF files.
- Two states submitted XML files: Nebraska Department of Environmental Quality and Illinois EPA.
- The largest file processed was a 387 MB XML file submitted by the Illinois EPA

During the public comment period, October 2001 through January 2002, an additional 15 state and local representatives registered with the CDX/NEI reporting system. Approximately 95 submissions were made during the public comment period.

Lessons Learned

A number of lessons were learned during the first production year of the CDX/NEI system. The major ones concerned the following:

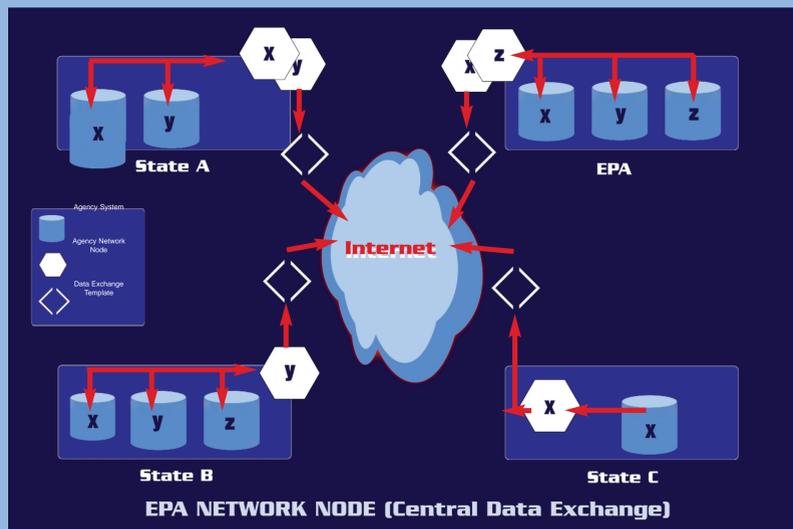
- Access to the User Guide.** The User Guide was made available through the CDX FAQ and the NEI listserv.
- CDX file-naming convention.** This was the most frequent call to CDX Technical Support. Callers indicated that the file-naming convention was not clear and that they were confusing the CDX file-naming convention and the NIF file-naming convention. The CDX file-naming instructions were posted on the NEI listserv and put directly on the NEI Submittal Web Form.

- Notification of XML files processed.** A third e-mail was instituted to notify submitters that their XML file was successfully processed.
- XML error follow-up.** CDX staff need to work with states submitting XML files to assist in error-free processing.
- XML processing.** When this technology was first used last year, we encountered a variety of technical issues in processing large XML files. We resolved these issues and made appropriate changes for the 2002 submission period.

THE 2002 SUBMISSION PERIOD

The 2002 submission period will use the CDX/NEI reporting system with the following updates:

- NEI Submittal Web Form revision.** The NEI Submittal Web Form will be slightly revised by removing the selection of NIF 1.2 under Section VII, Electronic Submittal Option.
- XML revisions.** The point source DTD and application for processing XML files will be revised to accept separate files for different record types rather than the entire point source file (Transmittal, Site, Emission_Unit, Emission_Release_Point, Emission_Process, Control_Equipment, Emission_Period, Emission). This will aid in loading files for QA processing.
- Password changes.** All passwords must be changed after 90 days. If you remember your old password and have not changed it, you may change it on-line. If you have forgotten your password, you will need to contact CDX Technical Support at epacdx@lmi.org or call (888) 890-1995.



FUTURE SUBMISSIONS

For future submission, EPA plans to:

- build out the CDX node on the Network.
- develop schema for the NEI data flow that allow transmittal of separate record types for state-to-EPA exchanges, and
- exchange data among State and local agencies for their own shared purposes (e.g., regional planning organizations).

CHANGING PASSWORDS

Your CDX password needs to be changed every 90 days to comply with EPA security requirements. If you log in after the 90-day period, CDX will automatically prompt you to change your password. To change your password, you will need to use your existing password and user ID to log in.

If you have already provided information to be preregistered and have activated your account, you can log in to CDX by:

- accessing the CDX Web site at <http://epacdx.lmi.org>.
- click on the following: "If you already have a CDX ID and password, click here."
- enter your User Name and Password. If you cannot remember your user name or password, call CDX Technical Support at (888) 890-1995.
 - The Technical Support Staff may reissue your user name, however if you have forgotten your password, you will need to answer the Secret Question that you entered during registration.
 - Example of a Secret Question - Secret Answer combination:
 Secret Question: "What is my mother's maiden name?"
 Secret Answer: "Smith"

Once you are logged into your account you will be prompted to change your password (if you haven't logged in 90 days):

- Enter the necessary information.
- Re-enter your old password into the "Current Password" field. In the next field, create a new password and then confirm it in the final field. Your new password should be a minimum of eight characters and contain at least one number. Passwords may contain only alphanumeric characters and may not begin with a number or contain spaces.
- Press the "Submit" button. You now have access to your Air Emissions Inventory account.

