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FTP Data Exchange Methods

Texas Immunization Registry

Overview

- What are FTP Data Exchange Methods?
- Requirements
- Automated Data Exchange
- Using an FTP Client
- The FTP Website

What are FTP Data Exchange Methods?

- Data exchange Methods are the ways in which you can send immunization records to the registry.
- Three Methods
 - Automated Data Exchange
 - A 3rd Party FTP Client
 - The registry's FTP Website
- Choose the method that works best for your organization



Requirements

(1 of 3)

- Data exchange account
- EHR must be able to create message using HL7 2.5.1
- Setup instructions covered in the Secure File Transfer Protocol Specifications guide



Requirements

(2 of 3)

- Data exchange account is made of:
 - FTP Username
 - FTP Password
- A single shared account for your organization
 - Organization responsible for managing access
- Does not expire but may be changed



Requirements

(3 of 3)

- Immunization record batch files naming guidelines
- **ImportCodeYYDDD.hl7**
 - **ImportCode** is your data exchange account username
 - **YY** is the current two-digit year
 - **DDD** is the three-digit Julian date
 - **.hl7** is the file type
- Page 10 of the Electronic Data Exchange Resource Guide



Automated Data Exchange

(1 of 2)

- Automated Data Exchange is a direct connection from your EHR to the registry
- Files are created by your EHR and sent without you moving them



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Automated Data Exchange

(2 of 2)

- Each EHR is different
- Training must be provided by your EHR vendor
 - Does your EHR retrieve error messages?
- Troubleshooting must be done by you EHR vendor



Using an FTP Client

(1 of 2)

- HL7 Immunization files created in the EHR
 - Training from EHR vendor
- Files sent to the registry using a 3rd party File Transfer Protocol (FTP) client
 - Transfer the file to the HL7-Dropoff folder



Using an FTP Client

(2 of 2)

- The registry does not provide 3rd party FTP clients
- FTP client set up and supported by your local IT
 - Training must be provided by your local IT
 - Local IT must participate in troubleshooting



The FTP Website

(1 of 6)

- The FTP website is available to all data exchange partners
- You can send immunization files and retrieve error and informational files from the website.
- Link sent to POC with data exchange account
- HL7 immunization record files created by EHR



The FTP Website

(2 of 6)

- It is important that someone from your organization (NOT only from your EHR vendor) familiarize themselves with and regularly use the FTP website.
 - ALL organizations
 - Regardless of data exchange method
- Data Quality reports are found on the FTP website



The FTP Website

(3 of 6)

- Log in to the FTP website using your data exchange account
- On the FTP website, you will see four folders:
 - *HL7-Dropoff*
 - *Accepted*
 - *DQA-Reports*
 - *Receive*



The FTP Website

(4 of 6)

- ***HL7-Dropoff***: Your organization delivers test files to this folder.
 - These files are moved to the *Accepted* folder by the registry.
- ***Accepted***: Copies of your uploaded data files are stored here.



The FTP Website

(5 of 6)

- ***DQA-Reports***: Data Quality Assessment (DQA) reports are located in this folder for each data file processed by the registry.
 - Check for DQA reports regularly
- ***Receive***: Consent Notification Files (CNF) are located in this folder listing your reported patients' registry consent status.



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The FTP Website

(6 of 6)

- Support for the FTP website is provided by the Texas Immunization Registry's ImmTrac2 support team.
 - Contact the registry directly
- Additional details can be found in the *Electronic Data Exchange Resource Guide*



Resources: Trainings

- In-person training
- [Online training videos](#)

Resources: Guides

- [Electronic Data Exchange Resource Guide](#) (11-15231)
- [Secure File Transfer Protocol Specifications](#) (11-15236)

Contact Information: Websites

ImmTrac2 Website

- <https://immtrac.dshs.texas.gov/TXPRD/portalInfoManager.do>

DSHS Texas Immunization Registry Website

- <https://www.dshs.texas.gov/immunize/immtrac/>

Contact Information: Emails

- ImmTrac2@dshs.texas.gov
 - Site agreements, renewals, ImmTrac2 user changes, registry trainings or publications
- ImmTracMU@dshs.texas.gov
 - Data exchange related questions, promoting interoperability, data quality reports

Resources: Live Support



- Monday through Friday
- 8:00 a.m.– 4:30 p.m., CT

Contact Information: Customer Support Line

- Phone: 800-348-9158,
 - Option 1 – Help for the general public (immunization records, etc.)
 - Option 2 – ImmTrac2 user support
 - Option 3 – Data exchange or the Interoperability Team
 - Option 4 – Registrations and Renewals

Thank you!

Data Exchange Methods

Texas Immunization Registry

Q & A

ImmTrac2@dshs.texas.gov

Access, site registrations or renewals, etc.

ImmTracMU@dshs.texas.gov

Data exchange and promoting interoperability