How to Connect State IT Systems to the Training Provider Registry

September 2020
What does the Entry-Level Driver Training rule require of States with regard to the Registry?

- Beginning February 7, 2022, States must verify that drivers have completed required training prior to administering relevant skills or knowledge tests.

For more details on State Procedures, see 49 CFR § 383.73.
How will States access driver data?

Train
DRIVER selects training provider, completes training

Submit
TRAINING PROVIDER submits driver data to TPR

Retain
FMCSA retains driver data in TPR

Retrieve
STATE retrieves driver data from TPR using State IT system
How will States retrieve driver data?

States must:

- Use an IT system to access and display data from the Training Provider Registry
- Decide which technical solution they will use to retrieve and display data
Interfacing with the Training Provider Registry

Two different connection paths are available:

- Direct to TPR Web Service
- Via CSTIMS/ROOSTR

Option to connect via AAMVA Web Service is no longer available. States must connect via TPR Web Service or CSTIMS/ROOSTR.
Web Services Development Handbook

- Instructions for requesting a Registry user account from FMCSA
- How to retrieve data from the registry using a representational state transfer service (REST)
- Fields from the Registry to display in State systems
- Driver search and results elements

Version 1.0 to be posted on the Developer’s Toolkit page later this fall
Process for Interfacing with the Registry

- Authentication
- Search
- Retrieval
Authentication

- FMCSA will issue a client certificate and private key for a State to use during authentication.

- When connecting to the service, the client will generate and sign a time-limited JSON Web Token (JWT).

- The client will include the JWT in an Authorization header when sending the request.

- Authentication errors will be communicated back to the caller with 401 and 403 response messages.
Search

- Callers may submit a search using combinations of:
  - License Number
  - License Issuing State
  - First Name
  - Last Name
  - Date of Birth

- In response to a search query, the caller will receive:
  - Status code indicating success or various failure conditions
  - In the case of success:
    - Up to 100 drivers matching the search sorted by date of record entry in the TPR with the newest records being returned first
    - Driver records including a unique ID and descriptive information
  - In the case of failure a more detailed message may be returned
Retrieval

- The client will retrieve detailed driver records from the service using the unique ID returned from the driver search.

- Driver record will contain:
  - Descriptive information (name, license, etc.)
  - All training data recorded in the TPR for the driver.

- Training data for a driver in the TPR may contain multiple series of trainings taken by the driver over time.

- System calling the service is responsible for identifying the relevant training record.
Coming Soon: Testing

- Test credentials will be provided on the Developer’s Toolkit page of the TPR website
  - States will not need to register with the TPR to perform system integration testing, though registration will be required to receive non-test credentials. Registration is scheduled to open in summer 2021.

- Users will be able to use these test credentials to submit test requests to the real service endpoints and receive simulated responses

- Testing services are scheduled to be available by winter 2020
Resources & Support Available to States

- Training Provider Registry Developer’s Toolkit (https://tpr.fmcsa.dot.gov/DeveloperToolkit)
  - Web Services Development Handbook for SDLAs
- Testing support
- Access to Registry developers for questions and troubleshooting
Q&A
Connection Considerations

- Current system used (in-house or CSTIMS/ROOSTR)
- Onsite IT resources and funding
- Ongoing access to IT support once connection is live
- What system third-party examiners use, and how to ensure that they adhere to applicable requirements for checking a driver’s training information
Where can I find resources?

Sign up for email updates

Training Provider Registry website:
https://tpr.fmcsa.dot.gov

Contact TPR Team:
https://tpr.fmcsa.dot.gov/contact

Contact AAMVA:
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