



TRAINING

PROVIDER REGISTRY

How to Connect Training Providers' IT Systems to the Training Provider Registry

September 2020

DRIVER
TRAINING



U.S. Department of Transportation
Federal Motor Carrier Safety Administration

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Agenda

- 1 WHAT IS THE ELDT FINAL RULE?**
What does it require of training providers?
- 2 THE TRAINING PROVIDER REGISTRY**
How does driver data get submitted to the TPR?
- 3 THE TPR WEB SERVICE INTERFACE**
What are the technical requirements?
- 4 TESTING, RESOURCES, AND SUPPORT**
What is available to assist training providers?
- 5 Q&A**
Get answers to your questions about the technical requirements.
- 6 NEXT STEPS**
How to get additional information and updates.

What is the Entry-Level Driver Training (ELDT) final rule?

- Sets a Federal standard for mandatory training of entry-level drivers
 - Establishes minimum requirements entry-level driver training providers must meet
 - States may have requirements that exceed Federal requirements
- Establishes need for the Training Provider Registry
 - Once operational, the Training Provider Registry will retain a record of which drivers have successfully completed entry-level driver training
 - Will also maintain a list of all registered training providers

What types of training are covered by the ELDT rule?

The trainings a driver must successfully complete to:

- OBTAIN a Class A or Class B CDL for the first time
- UPGRADE an existing Class B CDL to a Class A CDL
- OBTAIN a school bus (S), passenger (P), or hazardous materials (H) endorsement for the first time

What are training providers required to do in the Training Provider Registry?

- Beginning February 7, 2022, training providers must:
 - **Register** in the Training Provider Registry and self-certify that they meet all requirements in the ELDT final rule

Registration coming summer 2021

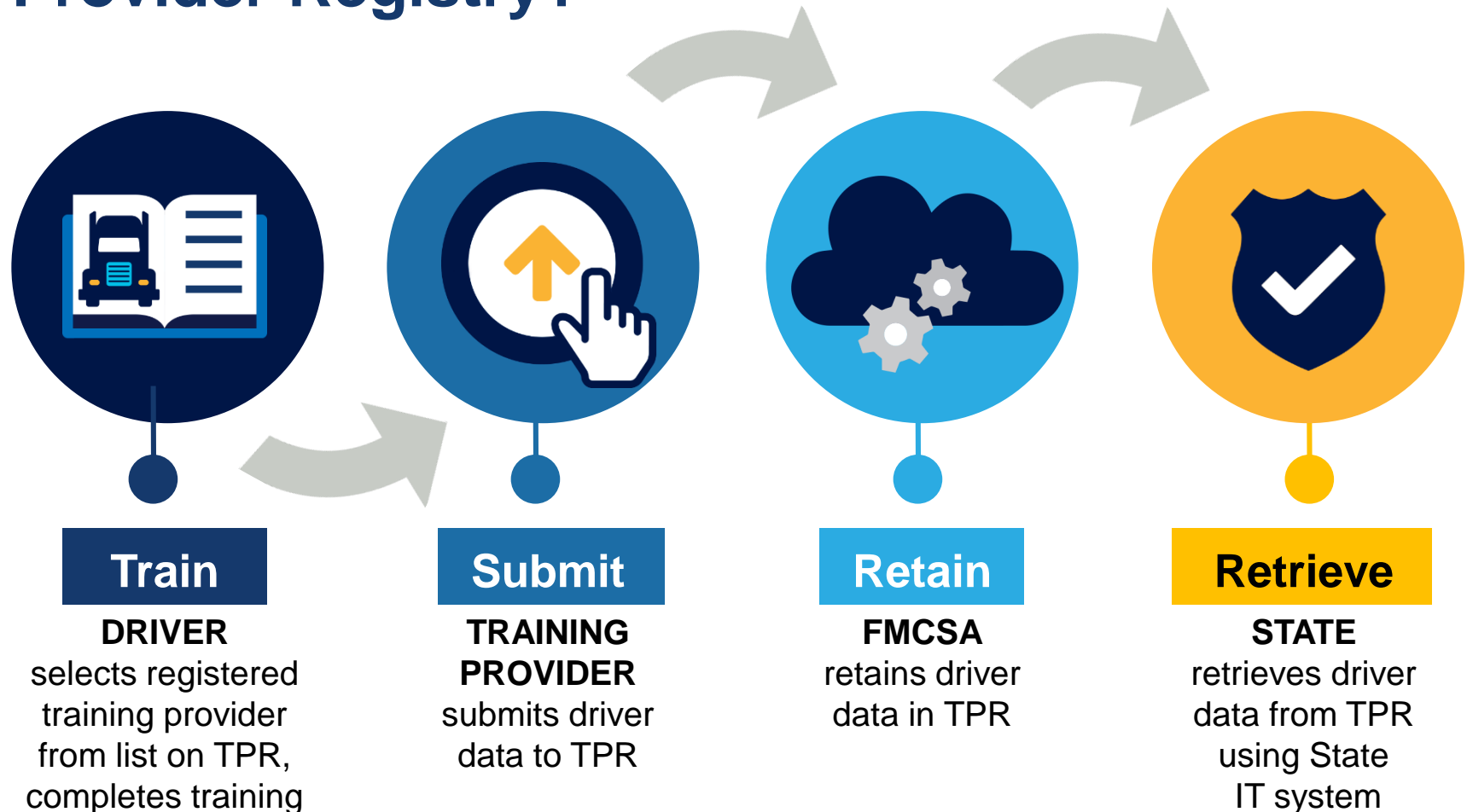
- **Submit** information about drivers who have successfully completed training to the Training Provider Registry within 48 hours of when the driver completes training



For more details on training provider requirements

See 49 CFR part 380 subpart G

How does driver data get to the Training Provider Registry?



What information must training providers submit to the Training Provider Registry?

- Driver-trainee name, date of birth, and license/permit number and State of issuance
- CDL class/endorsement and type of training completed
 - Theory or behind-the-wheel (BTW)
 - If BTW, range or public road
- Total number of clock hours spent BTW (if applicable)
- Training provider name, location, and TPR ID number
- Date of successful completion of training

How will training providers submit driver data to the Training Provider Registry?

- All registered training providers will be able to **manually enter** information directly into the Training Provider Registry online
- Training providers also have the option to transfer data directly from their IT systems to the Training Provider Registry using a **web service interface** developed by the training provider



TPR Web Services Development Handbook

- Instructions for generating web service credentials
- How to submit data to the registry using a representational state transfer service (REST)



Version 1.0 to be posted on the Developer's Toolkit page later this fall

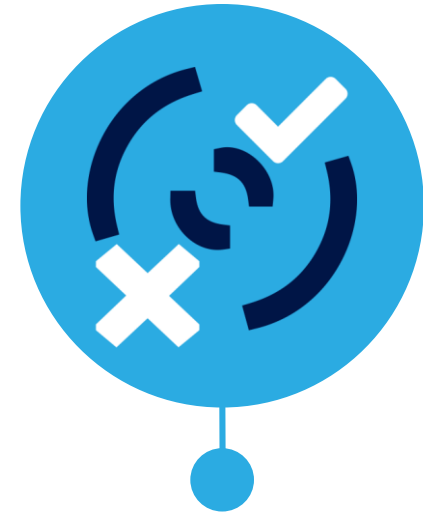
Process for Interfacing with the Registry



Authentication



Submission



Response



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

Submission



- Each training provider submission must only contain data for one driver and one class/endorsement
- Training providers must include driver identity information (license, name, DOB) with each submission
- Submissions may contain more than one training element (theory, BTW-range, BTW-public road)
- Training providers must include the TPR ID for each training location (assigned during TPR registration)
- Training providers may submit an optional internal ID value to allow for integration with external systems

Response



- TPR will provide a response status indicating if the submission was accepted (Success/Warning) or rejected (Error)
- Detailed error status codes will provide information on why the submission received a warning or error response. Codes include:
 - Late reporting
 - Invalid ID
 - No access
 - Missing required field
 - Invalid format
 - Unexpected error

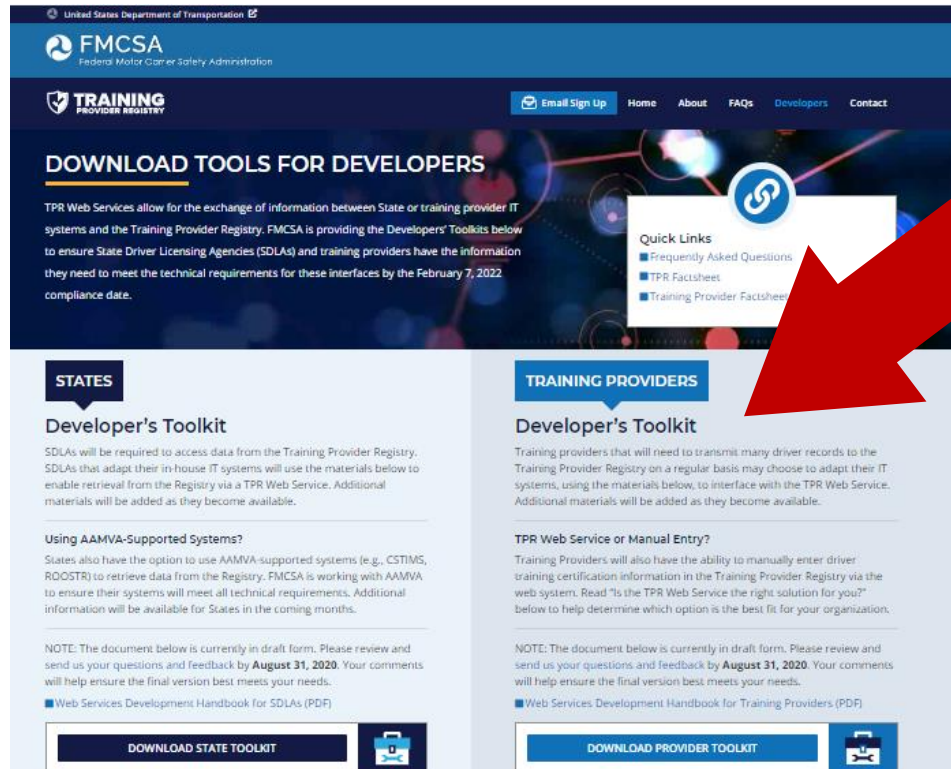
Coming Soon: Testing

- 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

- TPR Developer's Toolkit
(<https://tpr.fmcsa.dot.gov/DeveloperToolkit>)
 - Web Services Development Handbook for Training Providers
- Testing support
- Development support for questions and troubleshooting



United States Department of Transportation

FMCSA
Federal Motor Carrier Safety Administration

TRAINING PROVIDER REGISTRY

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DOWNLOAD TOOLS FOR DEVELOPERS

TPR Web Services allow for the exchange of information between State or training provider IT systems and the Training Provider Registry. FMCSA is providing the Developers' Toolkits below to ensure State Driver Licensing Agencies (SDLAs) and training providers have the information they need to meet the technical requirements for these interfaces by the February 7, 2022, compliance date.

Quick Links

- Frequently Asked Questions
- TPR Factsheet
- Training Provider Factsheet

STATES

Developer's Toolkit

SDLAs will be required to access data from the Training Provider Registry. SDLAs that adapt their in-house IT systems will use the materials below to enable retrieval from the Registry via a TPR Web Service. Additional materials will be added as they become available.

Using AAMVA-Supported Systems?

States also have the option to use AAMVA-supported systems (e.g., CSTIMS, RDOSTR) to retrieve data from the Registry. FMCSA is working with AAMVA to ensure their systems will meet all technical requirements. Additional information will be available for States in the coming months.

NOTE: The document below is currently in draft form. Please review and send us your questions and feedback by **August 31, 2020**. Your comments will help ensure the final version best meets your needs.

- Web Services Development Handbook for SDLAs (PDF)

DOWNLOAD STATE TOOLKIT

TRAINING PROVIDERS

Developer's Toolkit

Training providers that will need to transmit many driver records to the Training Provider Registry on a regular basis may choose to adapt their IT systems, using the materials below, to interface with the TPR Web Service. Additional materials will be added as they become available.

TPR Web Service or Manual Entry?

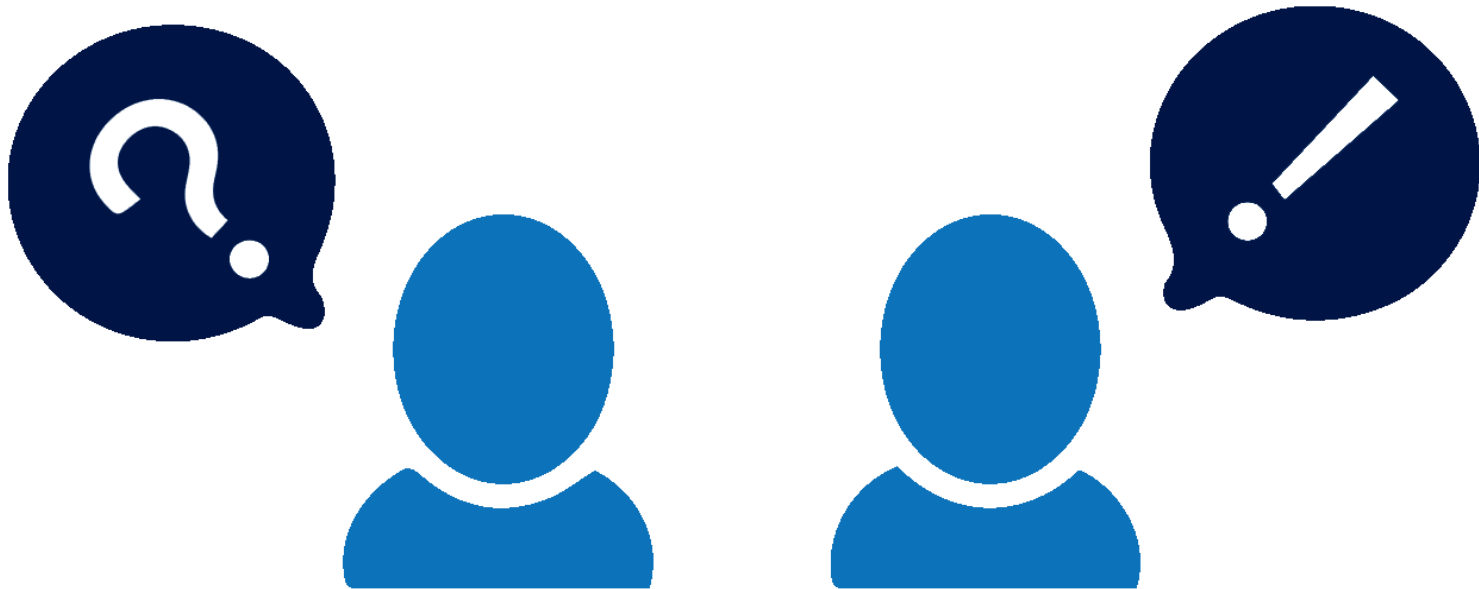
Training Providers will also have the ability to manually enter driver training certification information in the Training Provider Registry via the web system. Read "Is the TPR Web Service the right solution for you?" below to help determine which option is the best fit for your organization.

NOTE: The document below is currently in draft form. Please review and send us your questions and feedback by **August 31, 2020**. Your comments will help ensure the final version best meets your needs.

- Web Services Development Handbook for Training Providers (PDF)

DOWNLOAD PROVIDER TOOLKIT

Q&A



Connection Considerations

Do you...

- Anticipate submitting a significant number of driver training certifications on a regular basis?
- Have an existing IT system you use for tracking driver training results?
- Have an IT support team that can update your IT system to meet the specification required to interface with the TPR Web Service?



Where can I find resources?



Sign up for email updates



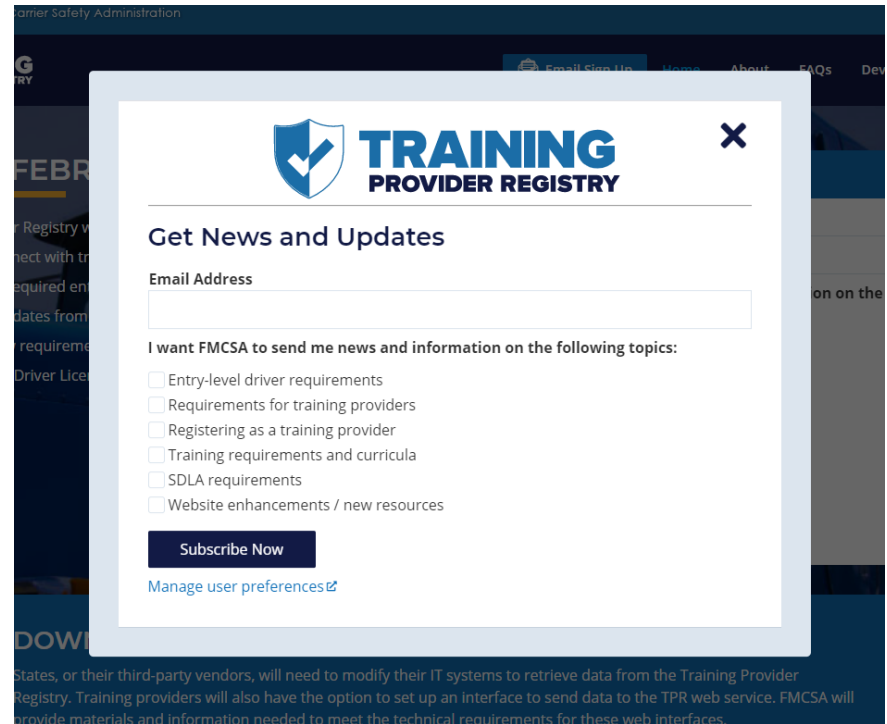
Training Provider Registry website:
<https://tpr.fmcsa.dot.gov>



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

Next Steps

- Determine if you will use the TPR Web Service interface
- Review the TPR Web Service Development Handbook and send us your feedback
- Subscribe for email updates and stay tuned



The screenshot shows a web browser window displaying the Training Provider Registry website. A modal window is open, titled "Get News and Updates". It features the Training Provider Registry logo at the top left and a close button (X) at the top right. Below the logo is a section titled "Get News and Updates" with an "Email Address" input field. Underneath is a section titled "I want FMCSA to send me news and information on the following topics:" with five checkboxes: "Entry-level driver requirements", "Requirements for training providers", "Registering as a training provider", "Training requirements and curricula", "SDLA requirements", and "Website enhancements / new resources". A "Subscribe Now" button is located below the checkboxes, and a link "Manage user preferences" is at the bottom. The background of the browser window shows parts of the website's navigation menu and some text.

<https://tpr.fmcsa.dot.gov>