



TRAINING PROVIDER REGISTRY

How to Connect State IT Systems to the Training Provider Registry

September 2020

DRIVER
TRAINING

STUDENT DRIVER

TRAINING
COURSES
NEXT EXIT



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

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

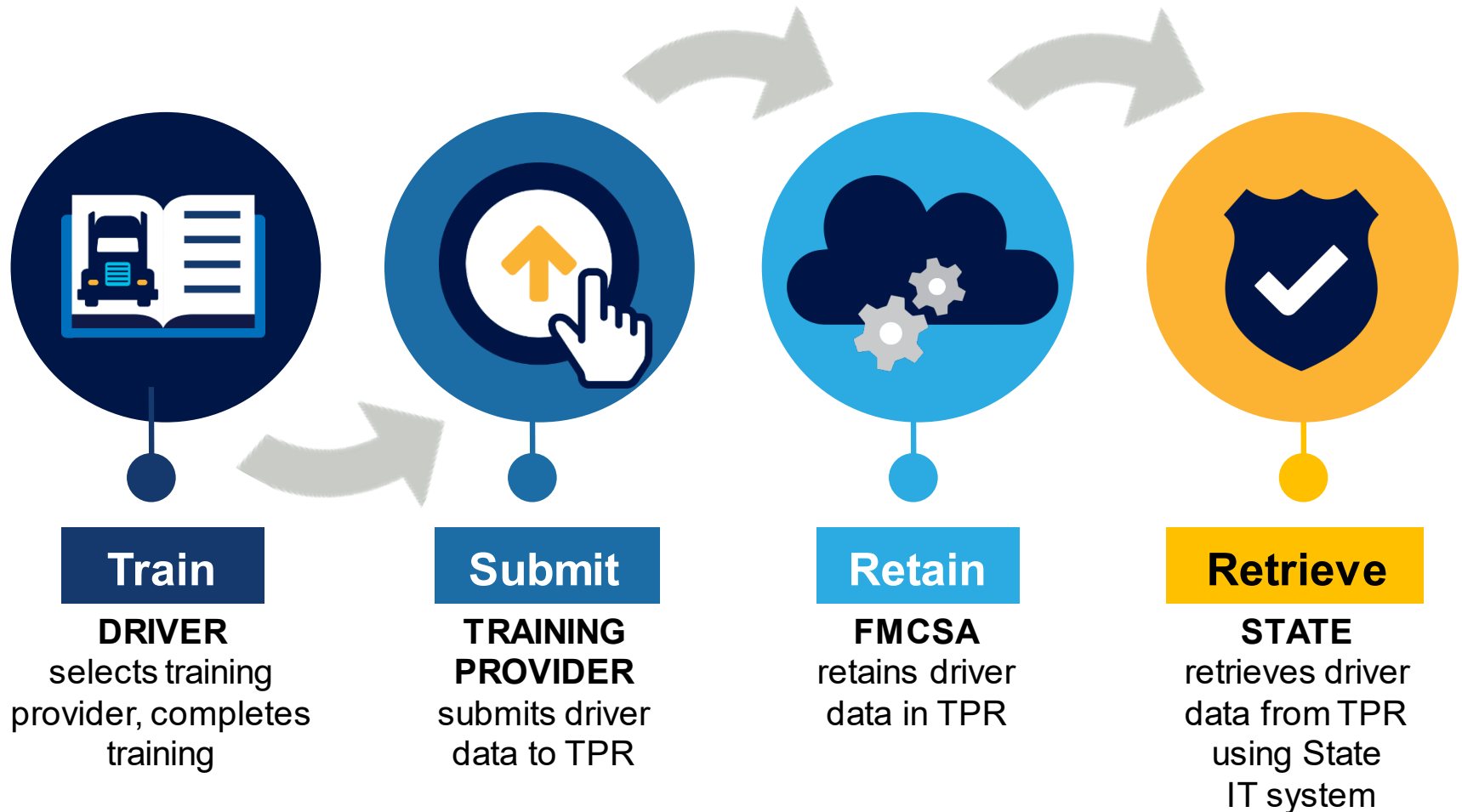
- Beginning February 7, 2022, States must verify that drivers have completed required training prior to administering relevant skills or knowledge tests



**For more details on
State Procedures**

See 49 CFR § 383.73

How will States access driver data?



How will States retrieve driver data?

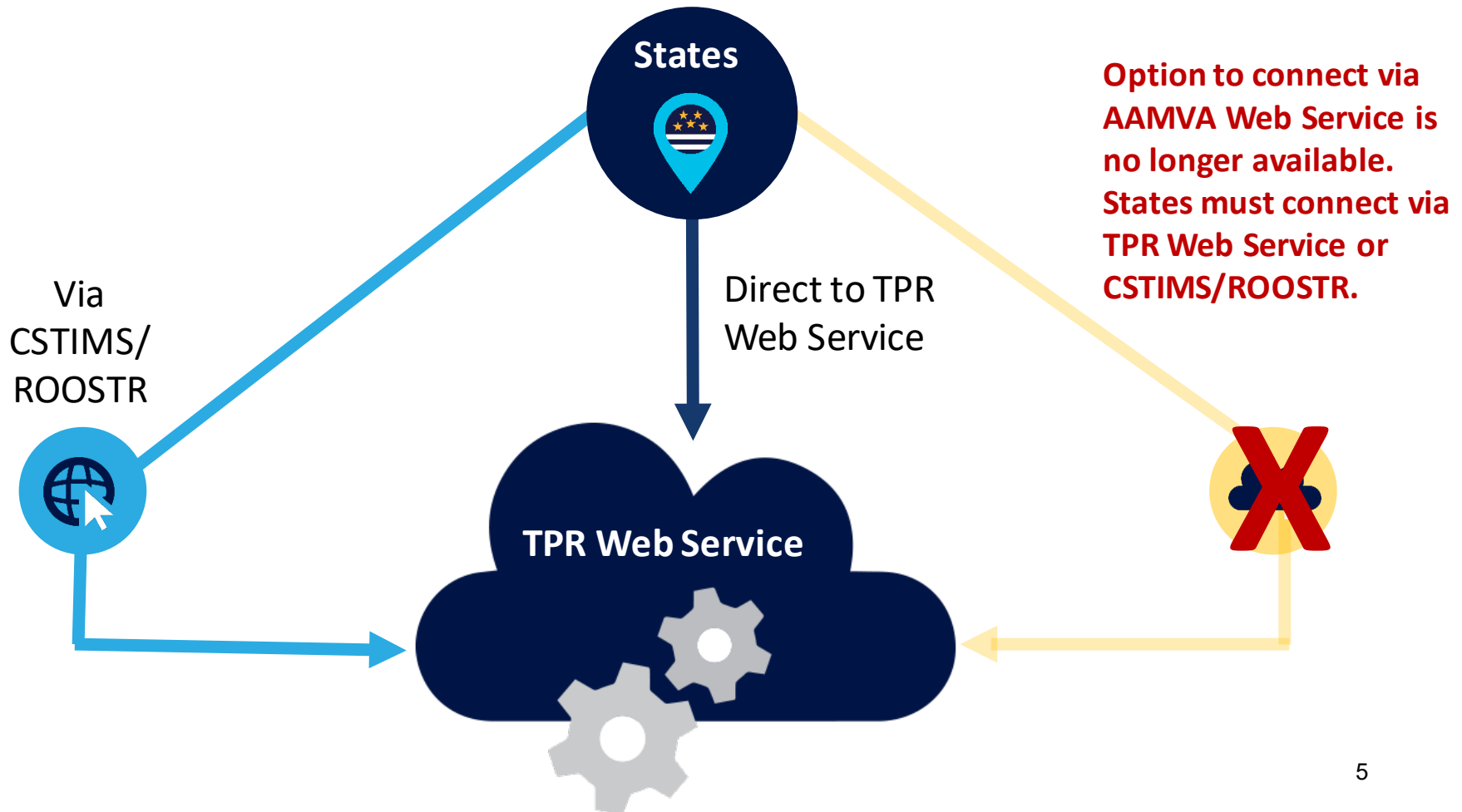
States must:

- 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:



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



The screenshot shows the FMCSA Training Provider Registry Developer's Toolkit page. The page header includes the FMCSA logo and navigation links: Email Sign Up, Home, About, FAQs, Developers, and Contact. The main heading is "DOWNLOAD TOOLS FOR DEVELOPERS". Below this, there is a paragraph explaining that TPR Web Services allow for the exchange of information between State or training provider IT systems and the Training Provider Registry. A "Quick Links" box contains links to Frequently Asked Questions, TPR Factsheet, and Training Provider Factsheet. The page is divided into two columns: "STATES" and "TRAINING PROVIDERS". Each column has a "Developer's Toolkit" section with a description and a "DOWNLOAD STATE TOOLKIT" or "DOWNLOAD PROVIDER TOOLKIT" button. A note at the bottom of each section states that the document is currently in draft form and requests feedback by August 31, 2020.

United States Department of Transportation

FMCSA
Federal Motor Carrier Safety Administration

TRAINING PROVIDER REGISTRY

Email Sign Up Home About FAQs Developers Contact

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, ROOSTR) 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?

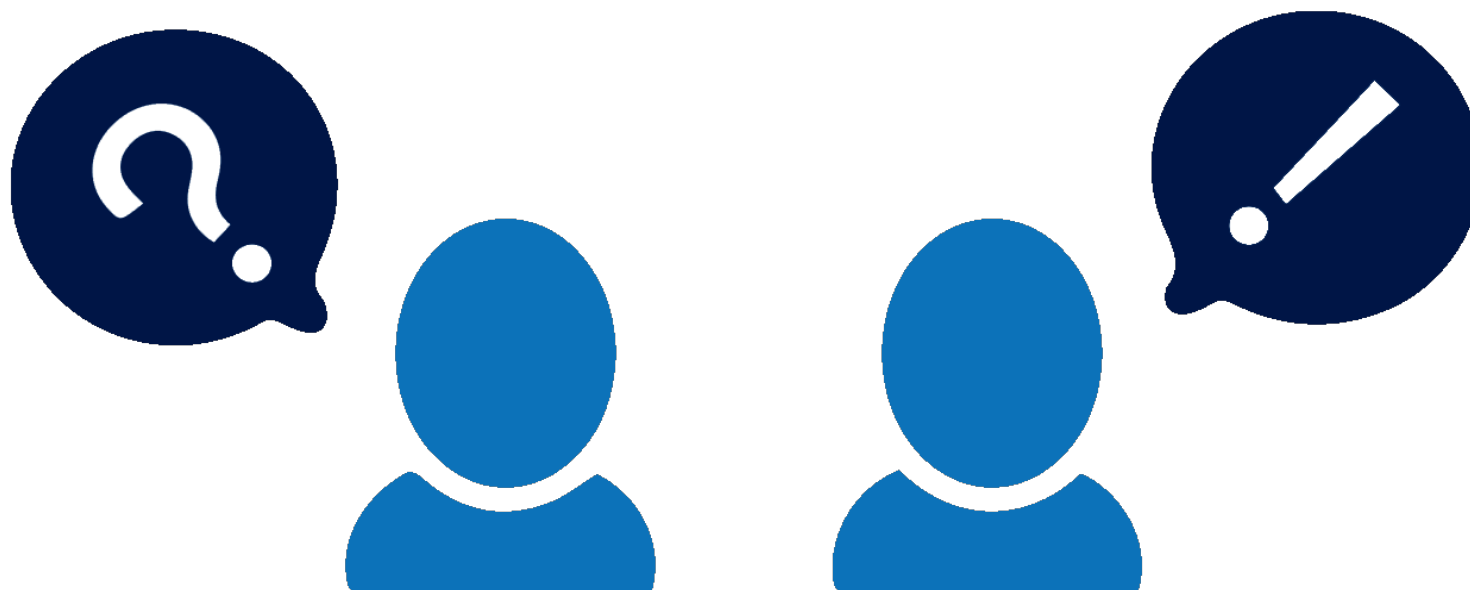
Training Providers will also have the ability to manually enter driver training certification information in the Training Provider Registry via the web system. Read "Is the TPR Web Service the right solution for you?" below to help determine which option is the best fit for your organization.

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

- 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:
Philip Hadwin
phadwin@aamva.org