



# TRAINING PROVIDER REGISTRY

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## How to Connect State IT Systems to the Training Provider Registry

September 2020



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

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## 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

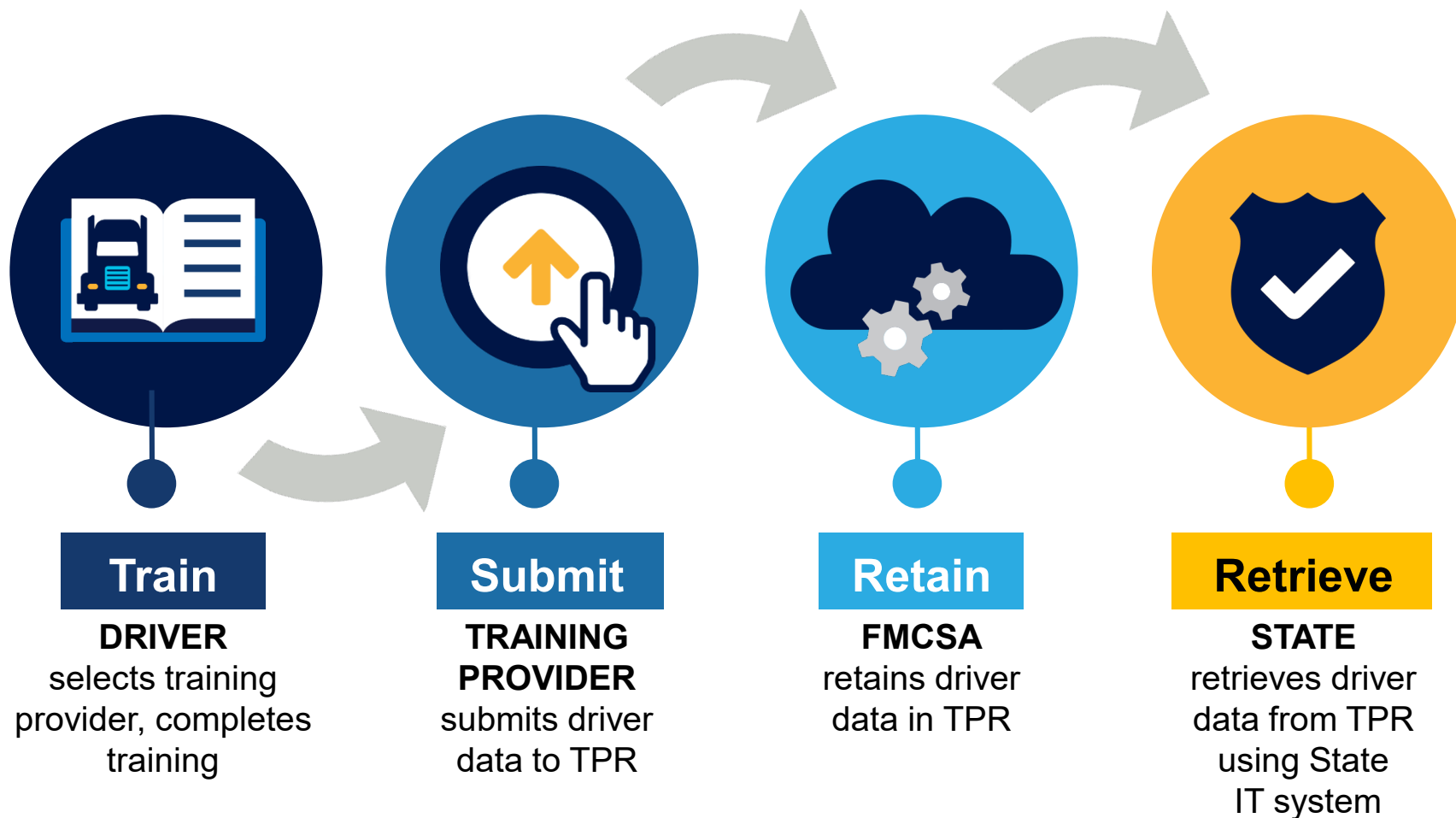


**For more details on  
State Procedures**

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See 49 CFR § 383.73

## How will States access driver data?



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## How will States retrieve driver data?

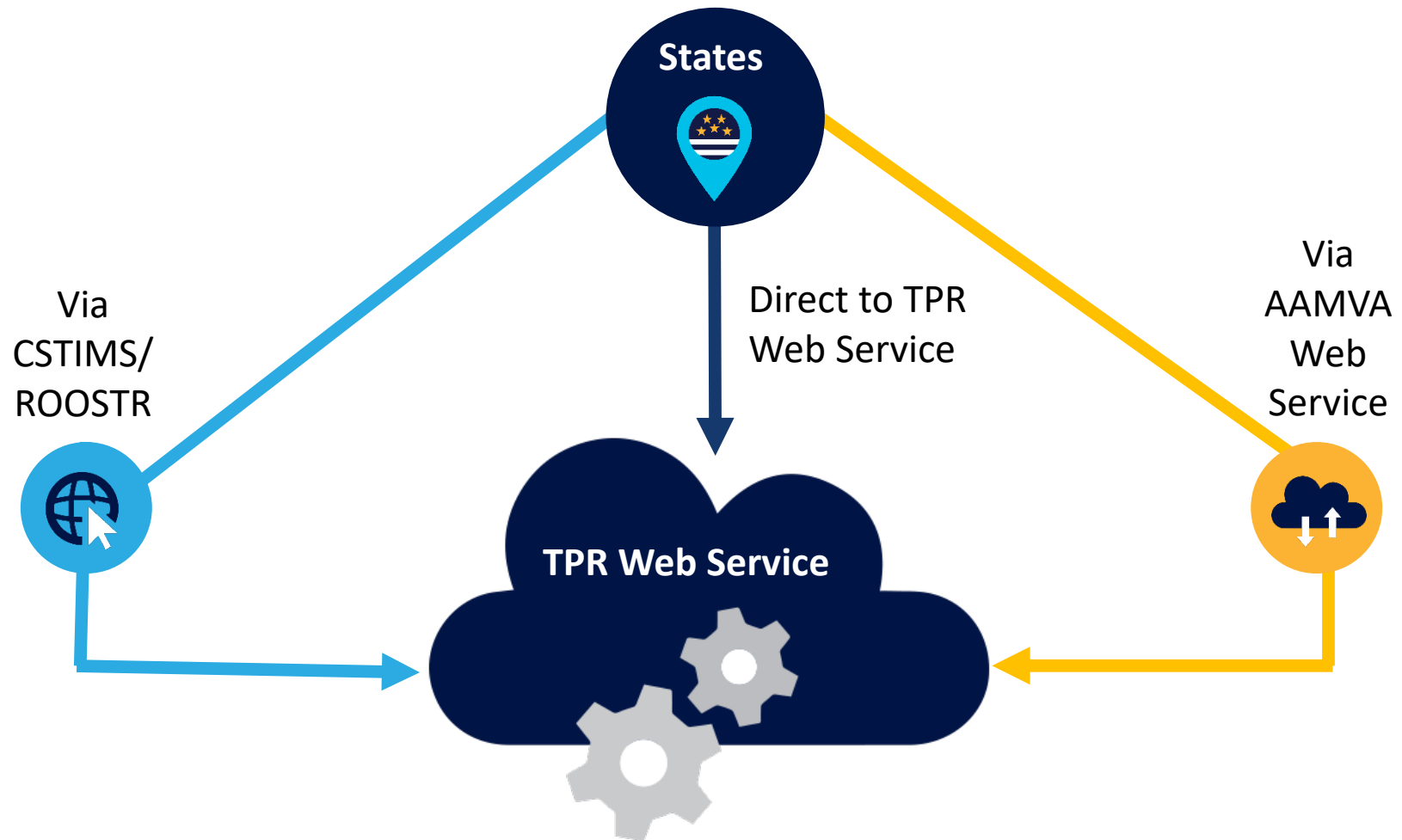
### States must:

- 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

3 different connection paths are available:



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# Process for Interfacing with the Registry



**Authentication**



**Search**



**Retrieval**



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## 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

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# 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



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# 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

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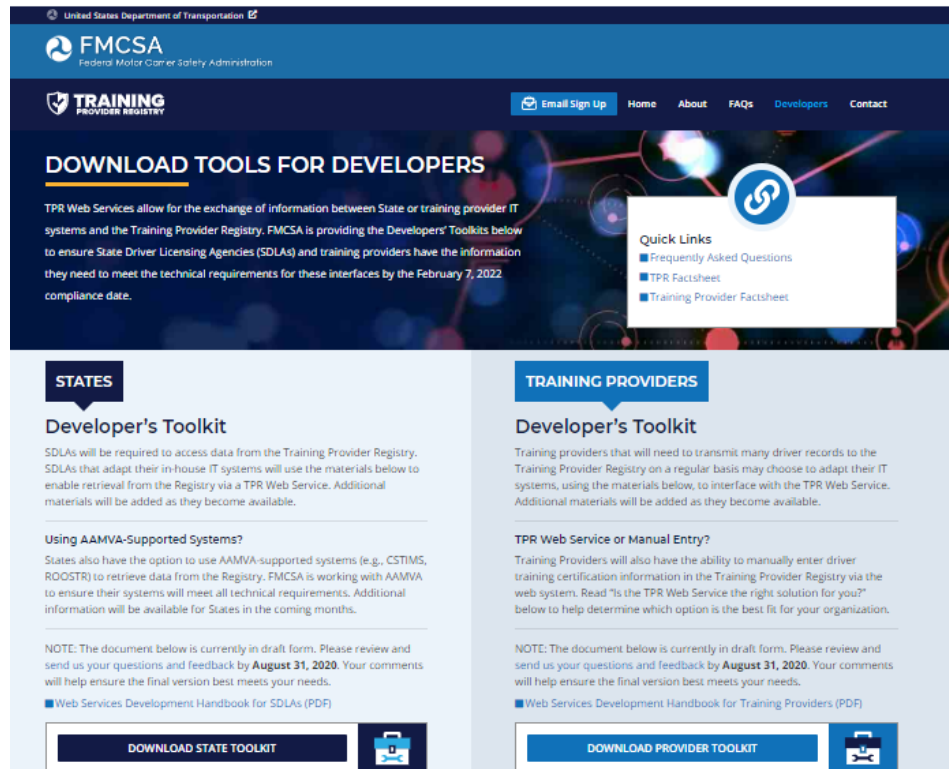
## Coming Soon: Testing

- 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 website. The 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 descriptive text and a "DOWNLOAD STATE TOOLKIT" or "DOWNLOAD PROVIDER TOOLKIT" button. A note at the bottom of each section states that the document is in draft form and requests feedback by August 31, 2020.

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# 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

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## Q&A



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## Connection Considerations

- Current system used (in-house or AAMVA)
- 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



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## Where can I find resources?



Sign up for email updates

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

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

Contact AAMVA:  
Philip Hadwin  
[phadwin@aamva.org](mailto:phadwin@aamva.org)