



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

ITD INNOVATIVE TECHNOLOGY DEPLOYMENT



2023 | ANNUAL REPORT

INNOVATIVE TECHNOLOGY DEPLOYMENT PROGRAM
Funding Activities in Fiscal Year 2023
Program Activities in Calendar Year 2023

FMCSA's Innovative Technology Deployment (ITD) Program empowers States to apply cutting-edge technology to the challenge of improving highway safety.

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SUMMARY

Advanced, effective electronic tools

ITD accelerates States' capacity to adopt advanced, effective electronic tools for secure credentialing and screening of commercial motor carriers, vehicles, and drivers. ITD funding and program support help States streamline implementation and improve data quality.



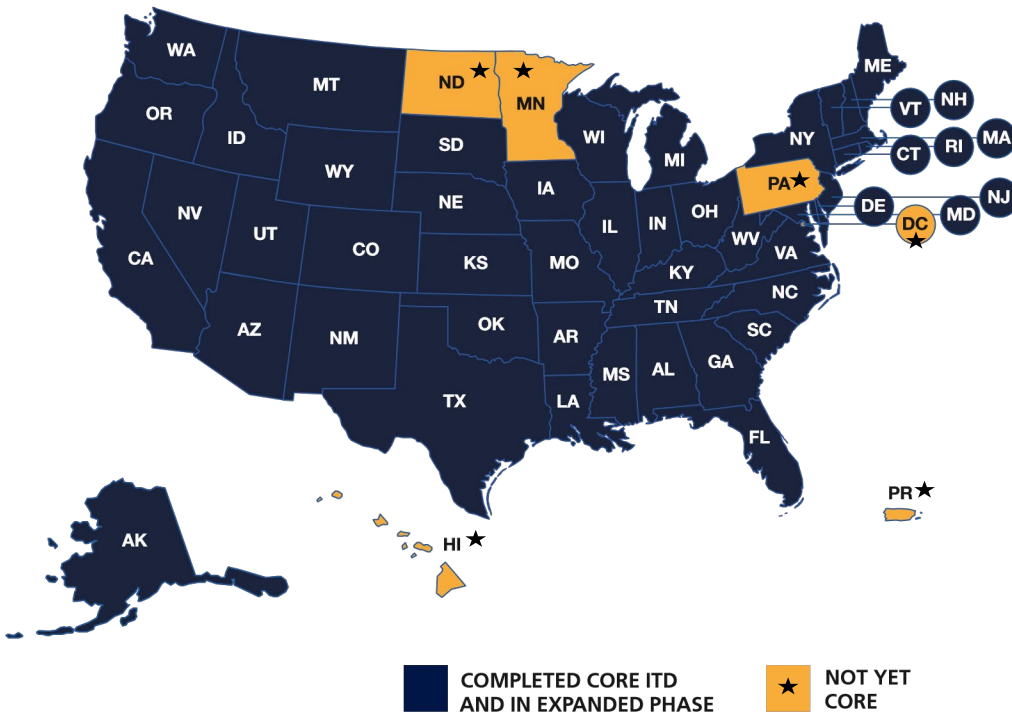
PROGRAM STATUS: Calendar Year 2023 Participation

46 States

have achieved ITD Core Compliance and deployed Expanded ITD.

4 States

4 States plus the District of Columbia and Puerto Rico have deployed some elements of ITD Core Compliance and are working toward full certification.



FUNDING: Fiscal Year 2023 Grant Awards



\$40_{Mil}
ALLOTTED



\$58_{Mil}
REQUESTED



\$38_{Mil}
AWARDED



34
GRANTS



28
STATES

Program Management Fast Facts in Calendar Year (CY) 2023

PROGRAM AREA	ACTIVITIES
Data Quality	Enhanced the ITD Data Quality (DQ) Improvement Initiative, modifying the ITD DQ evaluation process to ensure that data quality in FMCSA's Safety and Fitness Electronic Records (SAFER) system is maintained with the new International Registration Program (IRP) data flow through the IRP Data Repository (IDR).
State Planning Support	Reviewed and approved 20 State ITD Program Plans/Top-Level Designs (PP/TLDs), which are required to become or remain eligible for ITD grants. Those States include AK, AR, CA, CO, DE, IA, KY, MT, NC, NM, NY, OH, OK, OR, RI, TN, TX, VA, VT, and WA.
State Deployment Support	Maintained operational support to meet the needs of States in all phases of ITD deployment, including a major effort to support State onboarding to the IDR.
Program Evaluation	Developed an ITD logic model, designed survey methodology and process, and identified audiences for various kinds of surveys.
Safety Benefits Analysis	Advanced inspection data collection to support ongoing analysis of e-screening safety benefits.
Grants Management	<p>Conducted the 2023 HP-ITD Notice of Funding Opportunity (NOFO) webinar outlining national priorities and grants management information.</p> <p>Developed the ITD Grants Dashboard for preview. The dashboard shows funding awarded at a national level, and by State, program function, and technologies deployed.</p>
Outreach and Information Sharing	<p>Continued to facilitate peer-to-peer information sharing and provide program and operations updates to State and industry partners via two monthly meetings, a new ITD State Spotlight forum, and the annual ITD workshop.</p> <p>Launched a redesigned ITD website. Integrated a multi-factor authentication (MFA) function. Access to the website from both the FMCSA Portal and ITD grants website will now undergo Portal MFA authentication for heightened security.</p>



ABOUT ITD

Overview of ITD and Its Role in Increasing Safety

CHALLENGE

Innovative highway technology can improve road safety and enforcement efficiency. Every year, cutting-edge tools increase what's possible.

However, the volume and complexity of available technology can be costly and challenging to integrate with State and motor carrier systems.

OPPORTUNITY

The ITD Program provides Federal funding and expertise that brings innovative technology deployment within States' reach.

States identify their own technology priorities and needs; the ITD Team of subject matter experts helps States navigate the viable tools, and quickly and seamlessly brings stakeholders together to implement secure solutions.

WHAT ITD OFFERS STATES

- Reimbursement grant funding that helps States deploy, operate, and maintain innovative road safety technologies.
- Expertise on using electronic roadside screening, data integration, and data sharing to make inspections and enforcement more effective and efficient.
- Assessment and guidance on ensuring that State data transfer processes meet the standards of the FMCSA's Safety and Fitness Electronic Records (SAFER) system.
- State-specific support and national forums.

HOW STATES BENEFIT FROM ITD

- Increased capacity to implement the secure solutions that each State determines would best meet its unique needs.
- Access to the latest carrier, vehicle, and driver information from SAFER, because near real-time data at the roadside enables quick enforcement decisions and improves the efficiency and safety impact of the State CMV inspection process.
- Peer-to-peer learning and insight into best practices, enhancing each State's capacity.

Established by the FAST Act

The 2015 Fixing America's Surface Transportation (FAST) Act established the ITD Grant Program and placed it under the Motor Carrier Safety Assistance Program (MCSAP) High Priority (HP) Program, reducing the burden on States that apply for multiple grants annually.¹

¹ Commercial Vehicle Information Systems and Networks (CVISN), the predecessor deployment grant program administered by FMCSA under the authority of 49 U.S.C. § 31106, was repealed by the FAST Act.

Enhanced by the BIL

In November 2021, Congress passed the Bipartisan Infrastructure Law (BIL), which includes policies, investments, and partnerships that enable technologies, data systems, research, workforce development, and most importantly, opportunities to improve the safety of the Nation's roadways. The BIL contains over \$3.2 billion in grant opportunities that FMCSA is sharing with our State partners over five years to support transformative changes to achieve the DOT's long-term safety goal of zero roadway fatalities. FY 2023 HP discretionary grant funding totaled \$85.3 million; the ITD Program received \$40 million.

How States Participate in ITD

PARTICIPATION IS DISCRETIONARY

PLANNING GRANTS

assist States in developing or updating their PP/TLD for FMCSA approval.

DEPLOYMENT GRANTS

assist States in adopting, operating, and/or maintaining the advanced technology solutions identified in their PP/TLD.

PP/TLD

States seeking deployment grants must first develop an FMCSA-approved ITD Program Plan/Top-Level Design (PP/TLD) of their technology efforts: a management framework and system architecture to guide State ITD Program deployment. ITD's safety innovation experts can advise States in completing this process.

CORE

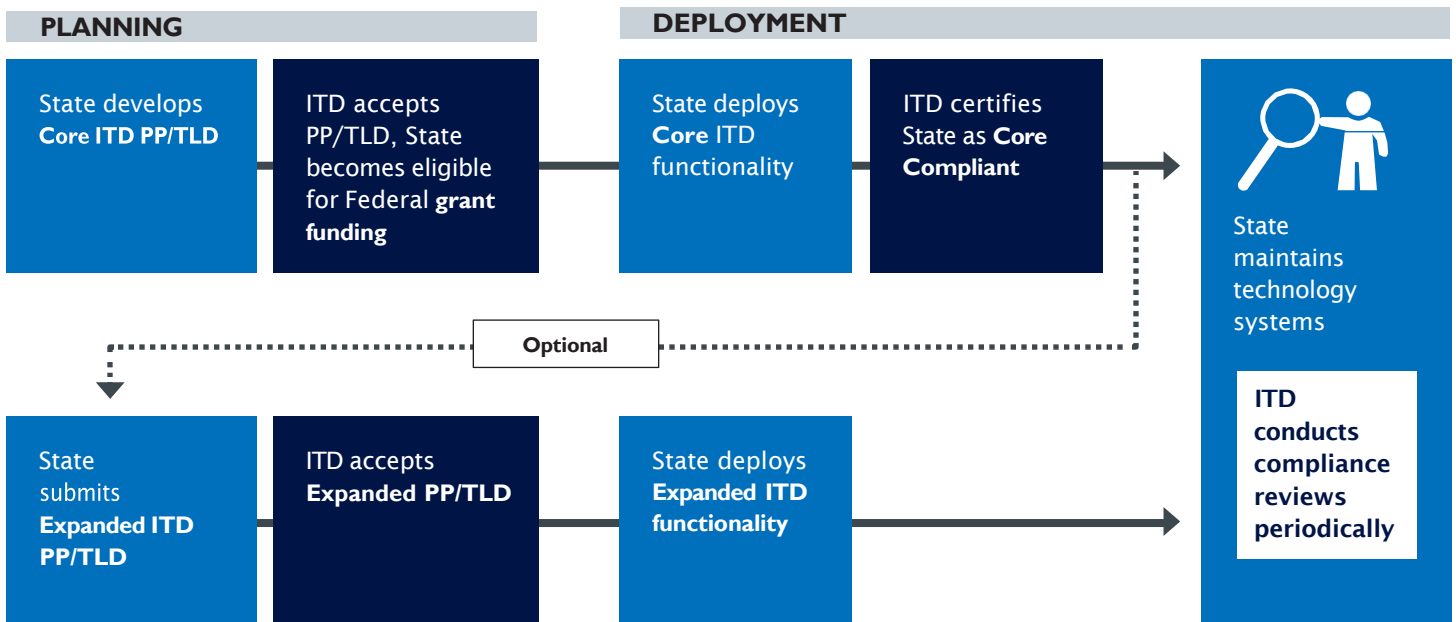
ITD Core certification designates States achieving and maintaining a technology framework which facilitates interstate data sharing, data quality, and trust among its agencies, enforcement, and commercial motor carriers. ITD conducts Core Compliance Reviews to ensure States' ITD Core functionality continues to meet FMCSA criteria.

EXPANDED

States achieving and maintaining Core Compliance gain eligibility for Expanded ITD funding and activities, providing an even more flexible choice of capabilities aligned to a State's goals and needs. Expanded ITD often increases information sharing, enhances Smart Roadside tools, and expands electronic credentialing.

Examples: work zone safety, parking alert systems, virtual weigh stations, license plate readers, oversize/overweight permitting, online portal enhancements.

ITD Planning and Deployment Process



Core Compliance

ITD Core Compliance certification requires States to demonstrate effectiveness in the three areas below.

1. SAFETY INFORMATION EXCHANGE

Safety Information Exchange makes all the other ITD functionalities possible. This backbone improves data collection and sharing of critical information such as inspection data and credentials status across agency and jurisdictional boundaries.

Elements include:

- Conducting inspection reporting using FMCSA’s SafeSpect application (or equivalent) by all certified inspectors. Inspection data is sent to SAFER directly or indirectly.
- Connecting to SAFER, enabling exchange of interstate carrier and vehicle safety data among States.
- Implementing a State-specific Commercial Vehicle Information Exchange Window (CVIEW) system (or equivalent) to exchange credential and safety data within the State and with SAFER (to other States).

2. ELECTRONIC CREDENTIALS ADMINISTRATION (E-CREDENTIALING)

Automating the application, processing, and issuance of motor carrier and vehicle operating credentials and permits can improve the efficiency of motor carriers and State credentialing agencies alike.

Elements include:

- Automating the processing of International Registration Plan (IRP) and International Fuel Tax Agreement (IFTA) credentials and conducting at least 10% of transactions electronically.
- Participating in the IRP and IFTA Clearinghouses to share vehicle registration and fuel tax information across jurisdictions and automate funds settlement between jurisdictions.

3. ELECTRONIC SCREENING (E-SCREENING)

Electronic screening systems focus enforcement resources on high-risk and non-compliant motor carriers and vehicles. These systems identify CMVs in motion, verifying size, weight, and credentials in conjunction with a carrier’s past safety performance, and then communicate safely to drivers, in real time, to either pull in or bypass the roadside inspection station. Core compliant States must implement e-screening at one or more fixed or mobile inspection sites and be ready to replicate this functionality at other sites.

ITD Core Compliance Capabilities

States must demonstrate effectiveness in three areas

- 1 Safety Information Exchange
- 2 Electronic Credentials Administration
- 3 Electronic Screening

This e-screening technology is positioned ahead of a weigh/inspection station to **notify CMV drivers** of their eligibility to bypass the enforcement location.



Expanded ITD

Enhanced Flexibility and Funding

States achieving and maintaining Core Compliance become eligible for Expanded ITD funding and activities.

While FMCSA supports specific Expanded ITD capabilities, States may choose the capabilities they want to deploy. This “cafeteria approach” allows States to customize their ITD Programs and focus their technology resources on the projects most important to them.

Expanded ITD capabilities may include mobile vans with camera, weight, and sensor technologies deployed to **increase the effectiveness** of roadside enforcement.

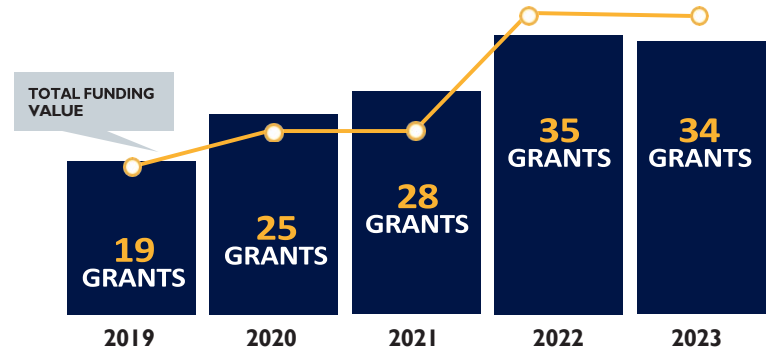
Program Areas	Eligible Capabilities	Description
Driver Information Sharing	Driver information	Use/maintain driver information in all processes that require information about drivers (e.g., enforcement, credentialing, inspection).
	Access to driver data	Improve enforcement personnel and carrier access to driver information to target driver safety risks.
Enhanced Safety Information Sharing	Safety data quality	<ul style="list-style-type: none"> Establish data quality measures (timeliness, accuracy, and integrity), especially for elements used in safety decisions. Regularly check data used in ITD processes for quality, purge stale data, and correct errors.
	Carrier access to safety data	<ul style="list-style-type: none"> Improve carriers’ ability to review safety-related data (carrier, vehicle, driver, cargo, crash, citation, inspection, work zone, and truck parking) collected by a State or Federal agency in a timely manner. Consider proactively delivering safety data to carriers.
Smart Roadside	Roadside access to data	Integrate and improve access for roadside personnel to data stored in infrastructure systems (e.g., SAFER, Motor Carrier Management Information System (MCMIS), State CVIEW, commercial driver’s license (CDL) systems).
	Virtual weigh stations	Expand use and capabilities of virtual/remote enforcement sites to increase enforcement effectiveness.
Expanded E-Credentialing	Access to credential data	Enhance information interfaces and systems to provide more current/accurate credential data to authorized stakeholders.
	Better e-credentialing	<ul style="list-style-type: none"> Reduce complexity and redundancy for users by offering access to multiple credentials from a single source. Expand electronic access to credentials, e.g., add oversize/overweight (OS/OW) and hazardous materials permitting. Deny permit issuance for carriers that are out of service.

ITD GRANT

Five-Year History of FMCSA's ITD Grant Funding

Fiscal Year	Number of Grants	Total Funding Value
FY 2019	19	\$19,057,095
FY 2020	25	\$23,273,191
FY 2021	28	\$23,937,954
FY 2022	35	\$37,769,531
FY 2023	34	\$37,890,576

ITD grant funding saw significant increases in FY 2022 and FY 2023 due to the BIL passed by Congress in late 2021. No State match was required for FY 2023 grant funding.



\$58_{Mil}
REQUESTED



\$38_{Mil}
AWARDED



34
GRANTS



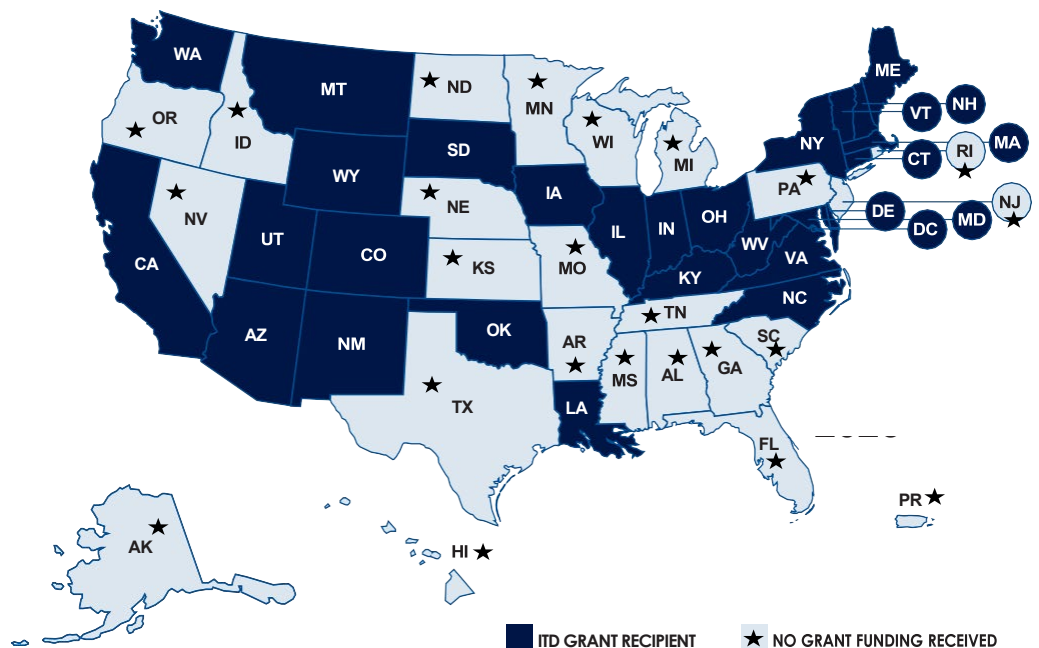
28
STATES



59
PROJECTS

FY 2023 FEDERAL HP-ITD FUNDED PROJECTS

- FMCSA distributed \$37,890,576 in Federal HP-ITD funding to 28 States via 34 grants to fund 59 projects.
- One grant supported PP/ TLD development and an e-screening system upgrade, essential steps toward ITD Core certification.
- All other grants supported Expanded ITD functionality.



Number of Projects and Percent of Funds Addressing NOFO Priorities

State projects that were awarded 2023 HP-ITD funds addressed most of the 12 Expanded HP-ITD Program Priorities outlined in the associated NOFO.

FY 2023 FMCSA NOFO PRIORITIES

\$37,890,576
FUNDS

59
PROJECTS

Number of Projects	Percent of Funds Awarded	All FY 2023 Projects Addressed the NOFO Expanded HP-ITD Program Priorities
1	1%	Projects that include the development of a CVIEW, which houses the national SAFER database at the State. CVIEW is a key mechanism for sharing CMV credential and safety information within the State and, via SAFER, with other States across the country. This interstate data exchange enables numerous critical safety programs to check for high-risk motor carriers and Federal Out-of-Service (OOS) Orders. This may also provide near real-time e-screening of interstate vehicles for safety, IFTA status, IRP compliance, OS/OW permits, and other compliance information critical to a State's safety program.
3	8%	E-credentialing projects that automate the application, processing, and issuance of commercial vehicle operating credentials, including IRP license renewals and IFTA license renewals or IFTA quarterly taxes.
11	35%	E-screening vehicle-in-motion projects that electronically identify a commercial vehicle, verify its size, weight, and credentials information, and review its carrier's past safety performance while the vehicle is in motion and then communicate safely to the driver to either pull in or bypass the roadside inspection station.
1	1%	Work zone, congestion, or incident notification projects deploy technologies that will safely notify the driver within the cab of the CMV of an active work zone, traffic congestion, or an incident ahead.
12	18%	Vehicle OOS Orders detection projects deploy e-screening technologies to detect CMVs with OOS issues that would directly impact the safety of the motoring public.
3	9%	Truck parking availability projects safely demonstrate real-time dissemination to a CMV driver of parking space availability by using dynamic message signs, interactive voice recognition, smartphone app, or other proven technology.
4	3%	Data quality projects improve the quality of credentialing data that States upload to SAFER by updating systems and/or replacing outdated technologies.
3	9%	Enhanced data sharing projects conduct model deployments of enhanced data sharing via the CVIEW/SAFER interface among other jurisdictions to minimize the delay of safe and legal trucks as they cross State borders. Such data may include inspection, permitting, weight, or other electronic screening results.
19	16%	Other ITD projects address priorities outlined in the MCSAP Comprehensive Policy.

ITD ACTIVITIES

Status of ITD Program in CY 2023

ALL STATES AND THE DISTRICT OF COLUMBIA have deployed at least one element of ITD Core functionality.

46

States have achieved ITD Core Compliance by meeting technical requirements for Safety Information Exchange, Electronic Credentials Administration, and Electronic Screening.

49

States upload credential data to SAFER for exchange with other ITD States.

46

States deploy automated electronic processing of at least 10% of IRP and IFTA credentials from the carrier to the State via web-based or computer-to-computer solutions. Alaska and Hawaii are exempt from this requirement.

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States have one or more weigh/inspection stations equipped with in-motion e-screening capabilities. States operate these systems via their own in-house system, as a member of a public-private partnership (e.g., PrePass Safety Alliance), or with a private sector contractor (e.g., Drivewyze).

Several States in the Expanded phase of ITD undertook projects in 2023 to:

- Upgrade their systems (CVIEW, IFTA/IRP e-credentialing).
- Deploy and/or enhance online OS/OW permit systems.
- Extend e-screening to additional sites or enhance existing systems.
- Deploy tire anomaly detection or infrared inspection technology.
- Deploy or improve Commercial Vehicle Operations Portals that enable online credentialing.
- Reinvest in inspection facilities.
- Establish or expand mobile enforcement capability.
- Deploy or improve work zone notification.
- Deploy or improve truck parking information systems.

Expanded ITD Activities in CY 2023

ITD Program Priority	Activity	Number of States	States Participating in CY 2023 Self-Reported by States
Deploy E-Screening Technology	Deployed or planning new equipment and e-screening technology at weigh stations or in mobile enforcement trailers	29	AK, AZ, CA, CO, DE, FL, GA, IA, ID, IL, KY, MD, ME, MI, MT, NC, NE, NV, NY, OH, OK, OR, SC, SD, TN, TX, UT, VA, WA
Detect OOS Vehicles	Added or adding tire anomaly detection, tire pressure detection, infrared inspection technology, or performance-based brake testing to existing sites	29	AK, AZ, CA, CO, FL, GA, IA, ID, IL, KY, LA, MD, ME, MI, MO, MT, NC, NE, NY, OH, OK, SC, SD, TN, TX, UT, VA, WA, WY
Detect OOS Carriers	Made or making system and technology changes to improve detection	21	AZ, CA, CT, CO, DE, HI, IA, ID, KY, LA, MD, ME, MT, NY, OK, OR, SD, TX, VA, WA, WY
Share Truck Parking Availability	Deployed or researching truck parking notification systems	4	DE, IL, MT, WA
Reduce Work Zone Crashes	Built or building work zone information systems and methods	4	AZ, DE, NC, SD



ITD Data Quality Improvement Initiative

Data is the foundation of the ITD Program. The ITD Data Quality (DQ) Improvement Initiative is designed to improve the quality of IRP and IFTA credential data shared among ITD States. State enforcement programs depend on accurate, complete, and timely data to make informed decisions at roadside that target potentially high-risk carriers. The ITD Program develops and maintains data quality standards, monitors each State’s data quality, and provides technical oversight and assistance to help States improve. Monthly data quality evaluation processes and performance measures evolve in response to the needs of the ITD Program and community.

In 2023, the ITD DQ Team responded to changes to the IRP data flow by modifying the ITD DQ evaluation process. The new data flow requires that, rather than sending their IRP data files directly to SAFER, States send them to the IRP, Inc. IDR, which processes them and sends them on to SAFER.

The ITD DQ Team began analyzing data from the IDR website to ensure that State data was sent to SAFER in the required timeframe. Continuing collaboration between the two teams helps maintain the overall IRP data quality in SAFER.

ITD and FMCSA IT Collaboration



ITD–FMCSA IT Modernization Meeting

ITD coordinated a white board session at the May 2023 ITD Workshop with FMCSA IT leadership, States, and their vendors. Subsequently, ITD held a series of technical reviews of the current data files and requirements with ITD stakeholders at monthly **Architecture Change Control Board (ACCB)** and special ACCB meetings between June and December 2023. These in-depth discussions and the updated ITD data requirements facilitated a collaborative approach to ensuring FMCSA IT Modernization will align well with ITD Program requirements and operations.



Capturing E-Screening Data

To better understand the role that e-screening technology plays in flagging vehicles for roadside inspections, the ITD Program worked with FMCSA IT to ensure that relevant data is captured in its new digital inspection platform, SafeSpect.

Knowing the effectiveness of e-screening will help FMCSA and States analyze impact and evaluate the return on investment (ROI) from e-screening tools. Since 2016, roadside enforcement personnel have had access to an “e-screening checkbox” in inspection tools for marking inspections conducted because of e-screening. The e-screening data collection has been expanded in SafeSpect to include preclearance systems and technologies that trigger an inspection.

ITD Operational Support

In CY 2023, the ITD Program certified or recertified States.

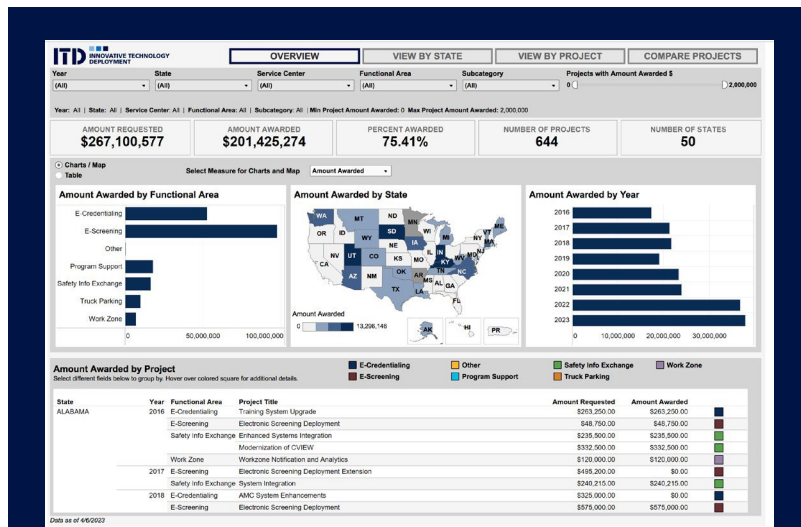
ITD provides operational support to States at all phases of deployment, including those working toward Core Compliance.

Support this year included:

Certification of IRP or IFTA data transmission to SAFER: MN, ND.

Certification of CVIEW system upgrades and/or vendor changes: AZ, MO, MN, NY, OH, SD, VA, and WA.

Certification of all State transitions to the IDR: A major effort in 2023 that included SAFER IDR 2B certifications for all ITD States.



ITD Grants Visualization Dashboard

In 2023, ITD created the ITD Grants Dashboard in the development environment. The dashboard will allow FMCSA and ITD grantees to review HP-ITD funding since 2016, including funding by State, program area, and type of technology.

This data visualization tool facilitates FMCSA Headquarters oversight of the HP-ITD grant program and funding deployment at a State level, enabling better alignment of grants with Agency priorities.

ITD Program Evaluation

In 2023, FMCSA asked the U.S. DOT Volpe National Transportation Systems Center to conduct an independent program evaluation to review ITD's effectiveness and develop recommendations for improvement. Major accomplishments include designing the program evaluation process and drafting the following documents:

Logic Model

- Completed logic model for ITD Core Compliance and began drafting logic model for Expanded ITD.
- Leveraged logic model and related discussions to develop program evaluation criteria.

Survey

- Entered an Intra-Agency Agreement (IAA) with the office of the Secretary of Transportation's Intelligent Transportation Systems Joint Program Office (ITS JPO) that provides funding to conduct assessments that are consistent with the ITS JPO's Benefits Evaluation Program standards.
- Established the goals, dissemination methods, and questions for a survey designed to gather input about the effectiveness of the ITD Program from participating States.
- Began designing a second survey to gather input from motor carriers and drivers.

Outreach and Peer-to-Peer Information Sharing

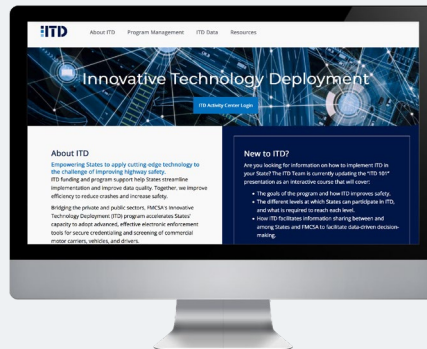
The ITD Program provides regular venues for communicating program and operations updates where stakeholders discuss and share concerns, topics of interest, and best practices/lessons learned.

ITD Website Enhancements and Online Training

ITD successfully executed a significant overhaul of its website (<https://itd.fmcsa.dot.gov>), incorporating user feedback, restructuring content, and upgrading the look and navigation of the site to make it substantially easier for users to find the tools and information they need.

Additionally, the ITD website integrated a **multi-factor authentication (MFA)** function to comply with the Federal Cybersecurity plan under White House Executive Order 14028, which will enhance system security.

The ITD Program also launched an interactive online course that explains the mission and benefits of the ITD Program and how it helps States plan for and deploy technologies that increase CMV safety. View the ITD 101 e-learning on the ITD website.



ITD Community Monthly Meetings

In 2023, the ITD Program Office continued to facilitate two monthly meetings for the ITD community:

- **ITD Program Managers:** meetings cover program updates and State-specific ITD deployment projects.
- **ITD Architecture Change Control Board (ACCB):** meetings cover operational and technical issues.

ITD-PRISM Workshop

The 2023 ITD-PRISM Workshop took place in conjunction with the MCSAP Annual Planning Meeting, in a format that enabled members of the ITD community to participate and share information, best practices, and lessons learned.

ITD-specific sessions reflected the program's efforts to focus enforcement on high-risk operators and drivers.

In addition to updates from the ITD Program:

- **Two States shared their notable practices with innovative technology:** Kentucky's Automated Truck Screening system and Delaware's Truck Parking Notification System pilot.
- **FMCSA** updated the ITD community on FMCSA IT Modernization planning, status, and potential impacts on ITD, Performance and Registration Information Systems Management (PRISM), and State systems.
- **IRP, Inc.** provided updates on the new IRP Data Repository.



The ITD Program provides regular forums for States to discuss proven approaches to implement cutting-edge technology that improves safety.

To provide an additional opportunity for States to engage with their peers, FMCSA introduced the ITD State Spotlight in 2023. Every quarter, during an ITD Program Managers' meeting, a participating State presents their strategies to achieve their ITD goals, enabling other States to benefit from their experience and insights.

During the first spotlight in November, Team Kentucky Transportation Cabinet walked other States through their collaborative approach to identify safety issues, apply for ITD funding, and implement solutions in the field. In 2024, ITD State Spotlights will highlight additional best practices, including how to manage a smaller ITD program effectively. Helping States share innovative ideas and stories that inspire their peers is an ongoing part of ITD efforts to address emerging challenges and make our highways safer for all.

APPENDIX

State-by-State ITD Grants in FY 2023

ITD grant funding has increased significantly due to the BIL passed by Congress in late 2021; no State match was required for FY 2023 grant funding.



28
STATES



34
GRANTS



\$38 Mil
AWARDED

State	Core Grant	Expanded Grant	Functional Area	Funded Projects/Activities and Awardees
Arizona	--	\$1,500,111	E-Screening	Arizona Department of Transportation's ITD Systems project, Operations and Maintenance (O&M)
California	--	\$2,000,000	E-Screening	California Highway Patrol's Virtual Weigh Stations project
	--	\$787,200	E-Screening	California Highway Patrol's Tire Monitoring Systems project
Colorado	--	\$1,666,270	Safety Info Exchange, E-Credentialing & E-Screening	Colorado Department of Public Safety's Develop and Deploy Next Generation CVIEW capability; Integrated Permitting (expand e-permitting options for non-IRP CMV's not domiciled in Colorado); Fixed Performance-Based Brake Testers (PBBT) Trial Installation and Evaluation; and Distracted Driving/Seatbelt Use Detection System Trial and Study projects
Connecticut	--	\$712,467	E-Credentialing	Connecticut Department of Motor Vehicles' IRP Modernization and E-Transaction Enhancement project
District of Columbia	\$2,000,000	--	E-Screening & Program Support	District of Columbia Department of Transportation's E-Screening System Repair and Upgrade and Update ITD PP/TLD projects

State	Core Grant	Expanded Grant	Functional Area	Funded Projects/Activities and Awardees
Delaware	--	\$1,319,798	E-Credentialing, Program Support & Truck Parking	Delaware Department of Transportation's Operation, Maintenance, and Minor Enhancements of Core ITD Systems; Participation in ITD-Affiliated Organizations and Associations; and Truck Parking Information System (TPIS) Augmentation projects
Iowa	--	\$1,452,000	Program Support & E-Credentialing	Iowa Department of Transportation's Improving Electronic Credentialing; and ITD-Related Travel Expenses projects
Illinois	--	\$750,000	E-Screening	Illinois Department of Transportation's Automated License Plate Reader (ALPR)/DOT Office of the Assistant Secretary for Research and Technology (OST-R); Over-Dimension Scan; and Sorting Software Systems at the NB Bolingbrook Weigh Station projects
Indiana	--	\$2,000,000	Truck Parking	Indiana Department of Transportation's Dynamic Truck Parking Message Signs Truck Parking Information Management Systems (TPIMS) (I-70, I-65) project
Kentucky	--	\$570,000	E-Credentialing & E-Screening	Executive Office of the Commonwealth of Kentucky's Enhancements to the IRP system; Motor Carrier Portal (MCP) Enhancements and Maintenance; Park Sign Compliance System; and Installation of the Tire Pressure Detection System projects
	--	\$1,433,146	Truck Parking & E-Screening	Executive Office of the Commonwealth of Kentucky's Enhance and Expand TPIMS; and Missing CMV License Plate Data Identification and Reporting projects
Louisiana	--	\$500,000	Safety Info Exchange & E-Credentialing	State of Louisiana's CVIEW Support and IRP System Support projects
Massachusetts	--	\$667,000	Safety Info Exchange & Program Support	Massachusetts Department of Transportation Registry of Motor Vehicles (RMV) Division's MassCVIEW (O&M) plus System Upgrades; and ITD Program Administration projects
Maryland	--	\$1,110,166	E-Screening, E-Credentialing & Other	Maryland Department of Transportation/State Highway Administration's Virtual Weigh Station - 50 West Relocation, Modernization, and Operation; and Maryland ONE Data Research and Software Analyst projects

State	Core Grant	Expanded Grant	Functional Area	Funded Projects/Activities and Awardees
Maine	--	\$536,900	E-Screening	Maine Department of Public Safety/Maine State Police's E-Screening at the Pittsfield Weigh Station project
Montana	--	\$1,000,000	E-Credentialing	State of Montana, Department of Transportation's Electronic Transportation Routing and Inter/Intrastate Permitting System (eTRIPS) project
North Carolina	--	\$1,995,000	E-Screening, Program Support & Safety Info Exchange	The NC Department of Public Safety/NC State Highway Patrol's Upgrade Halifax Northbound Weigh Station on I-95; Institute for Transportation Research and Education (ITRE) Technical and Administrative Support for ITD Projects; Maintenance Contract Variable Traffic Message Signs; and Weigh Station Data Modernization projects
	--	\$1,200,000	E-Screening	NC Department of Public Safety/NC State Highway Patrol's Upgrade Halifax Southbound Weigh Station on I-95 project
New Hampshire	--	\$297,232	Program Support	New Hampshire Department of Safety's Develop Expanded ITD PP/TLD for New Hampshire project.
New Mexico	--	\$421,204	E-Screening	New Mexico Department of Public Safety's Automated Tire Pressure System at Anthony Port of Entry (POE); and Automated Tire Pressure System at Lordsburg POE projects
	--	\$668,899	E-Screening & Workzone	New Mexico Department of Public Safety's Automated Tire Pressure Screening at Raton POE; and Work Zone and Congestion Notification projects
New York	--	\$1,384,233	E-Screening	New York State Department of Transportation's Mobile Deployments; Champlain Enhancements; and Preble Deployment projects
Ohio	--	\$1,720,000	E-Screening	Public Utilities Commission of Ohio's Smart Roadside Inspection System/Thermal Imaging System Mobile Vans project
Oklahoma	--	\$22,222	Program Support	Oklahoma Department of Transportation's ITD Program Support project

State	Core Grant	Expanded Grant	Functional Area	Funded Projects/Activities and Awardees
South Dakota	--	\$2,000,000	E-Screening	South Dakota Department of Transportation's I-90 Mitchell E-Screening System project
Utah	--	\$1,183,930	E-Credentialing & E-Screening	Utah Department of Transportation Motor Carrier Division's Utah Motor Carrier Permitting System Upgrades; and POE Operations Sorting Improvements projects
Virginia	--	\$1,594,000	E-Screening	Commonwealth of Virginia, Department of Motor Vehicles' Weigh-in-Motion (WIM) Installation - Dahlgren Motor Carrier Service Center (MCSC); WIM Installation - New Church MCSC; and WIM Installation - Route 60 Turnout Location projects
Vermont	--	\$2,000,000	E-Credentialing	State of Vermont Agency of Transportation's Vermont Commercial Vehicle E-Permitting project
	--	\$840,000	E-Screening	Vermont Agency of Transportation - Department of Motor Vehicles' Tire Pressure Anomaly System project
Washington	--	\$713,207	Program Support	Washington State Department of Transportation's Support Technician project
West Virginia	--	\$336,000	Safety Info Exchange, E-Credentialing	West Virginia Division of Motor Vehicles' Maintenance of Effort for CVIEW; and IRP System Maintenance projects
Wyoming	--	\$160,000	Program Support	Wyoming Department of Transportation-Highway Patrol's Update the Expanded PP/TLD project
28 States		\$37,890,576	59 Projects	



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