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

January 2020

The Innovative Technology Deployment (ITD) Grant Program, 2018 Annual Report

On December 4, 2015, the Fixing America's Surface Transportation Act, 2015 (FAST Act) (Pub. L. 114-94) established the Innovative Technology Deployment (ITD) Grant Program, and placed the ITD Grant Program under the Motor Carrier Safety Assistance Program (MCSAP) High Priority (HP) Program which reduced the burden on States that apply for multiple grants annually. The FAST Act allowed for at least an 85/15 Federal funding to State match split, expanding States' access to these critical technology projects. Lastly, the FAST Act removed the annual caps for funding requests, as well as other statutory program requirements, allowing the Federal Motor Carrier Safety Administration (FMCSA) the flexibility to make necessary program changes through policy.

This report details ITD funding activities for fiscal year (FY) 2018 and ITD program activities for calendar year 2018.

BACKGROUND

Established as a separate operating administration within the U.S. Department of Transportation (USDOT) on January 1, 2000, pursuant to the Motor Carrier Safety Improvement Act of 1999, FMCSA works to reduce crashes, injuries, and fatalities involving large trucks and buses.

The ITD Program is a key component of FMCSA's drive to improve commercial motor vehicle (CMV) safety. The ITD Program supports this safety mission by providing grant funds to States for:

- Improving safety and productivity of motor carriers, CMVs, and their drivers.
- Improving efficiency and effectiveness of CMV safety programs through targeted enforcement.
- Improving CMV data sharing among States and between States and FMCSA.
- Reducing Federal, State, and industry regulatory and administrative costs.

ITD PROGRAM FUNDING

Eligibility

To be eligible for ITD deployment funds, a State must meet the following requirements:

- Have an FMCSA-approved ITD Program Plan and Top-Level Design (PP/TLD).
- Certify that its ITD deployment activities are consistent with the National Intelligent Transportation Systems and commercial vehicle information systems and networks architectures and standards, and agree to execute interoperability tests developed by FMCSA.
- Agree to promote interoperability and efficiency to the extent practicable.[1]

Use of Funds

Grant funds may be used for deployment activities and to develop new and innovative advanced technology solutions that support commercial vehicle information systems and networks.

Funds may also be used for planning activities, including the development or updating of a

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[1] FAST Act, Section 31104(a)(3)(C).

PP/TLD (described below), and for operation and maintenance (O&M) costs associated with innovative technologies.

Program Plan

The PP/TLD is a technical document that provides management framework and system architecture to guide program deployment and to advise policy and decision makers regarding the funding and technical resources required for successful program implementation. The PP/TLD describes the various systems and networks at the State level that must be refined, revised, upgraded, or built to accomplish Core or Expanded capabilities.

CORE ITD

ITD consists of Core and Expanded functionalities. Core ITD capabilities exist in three program areas:

1. Safety Information Exchange

Designed to ensure the safety of motor carriers and CMVs through improved data collection and enhanced data sharing (e.g., inspection reports, credentials status) across Agency and jurisdictional boundaries. Specific Safety Information Exchange items include:

— Using Aspen (or equivalent) automated inspection software at all major inspection sites.
— Connecting to the national Safety and Fitness Electronic Records (SAFER) system to provide 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 with the national SAFER system, which then makes the data available to other jurisdictions.

2. Electronic Credentials Administration

Designed to automate the application, processing, and issuance of motor carrier operating credentials and permits to improve the efficiency of both motor carriers and State credentialing agencies. Specific Electronic Credentials Administration items for States include:

— Automating the processing of International Registration Plan (IRP) and International Fuel Tax Agreement (IFTA) credentials and conducting at least 10 percent of transaction volume electronically.
— Participating in the IRP Clearinghouse to share information across jurisdictions and automate funds settlement between jurisdictions.
— Participating in the IFTA Clearinghouse to share information across jurisdictions and automate funds settlement between jurisdictions.

3. Electronic Screening (e-Screening)

Designed to target enforcement resources on high-risk and non-compliant motor carriers. E-screening systems identify CMVs while they are in motion, verifying size, weight, and credentials information and reviewing associated carriers' past safety performance. They then communicate safely to drivers to either pull in or bypass the roadside inspection station.

Vehicles that are: 1) properly credentialed; 2) operated by a motor carrier with a history of safe operations; and 3) within weight limits (if the site is instrumented for weight measurements) are allowed to bypass inspection facilities (although such vehicles are still subject to random inspection). Specific e-screening items include:
— Implementing e-screening at a minimum of one fixed or mobile inspection site, and
— Being ready to replicate this functionality at other sites.

EXPANDED ITD

Once a State is certified as having deployed all of the Core ITD functionality, it is deemed to be Core-compliant and must maintain these capabilities. Once Core-Compliant, a State may use its Federal HP-ITD Deployment Grant funding to deploy Expanded ITD functionality. The Expanded portion of the ITD Program provides more flexibility than the Core component of the program.

States are not required to deploy a set of fixed capabilities or to enable certain technologies as part of Expanded ITD, but rather are able to choose the capabilities they wish to deploy. This "cafeteria approach" allows States to customize their ITD programs and focus their technology resources on the projects that are most important to them.

While States can deploy a variety of capabilities as part of their Expanded ITD programs, FMCSA supports a specific set of key capabilities. FMCSA, in conjunction with public and private stakeholders, initially identified 40 capabilities that could be integrated into the ITD program. These capabilities were segmented into four Expanded ITD program areas:

1. Driver Information Sharing.
2. Enhanced Safety Information Sharing.
3. Smart Roadside.
4. Expanded Electronic Credentialing.

Based on input from industry and State agencies, FMCSA further developed and defined a list of high-priority Expanded ITD capabilities, described in Table 1.

Table 1. High-priority Expanded ITD capabilities.

Program Area	Capability	Description
Driver Information Sharing	Driver Snapshots	• Use and maintain driver snapshots in all processes that require information about drivers (e.g., enforcement, credentialing, hiring, inspection).
Driver Information Sharing	Access to Driver Data	• Improve enforcement personnel and carriers' access to driver information to target driver safety risks.
Enhanced Safety Information Sharing	Safety Data Quality	• Establish data quality measures (timeliness, accuracy, and integrity), especially for those data elements used in making safety decisions. • Regularly check data used in ITD processes for quality; purge stale data; and correct errors.
Enhanced Safety Information Sharing	Carrier Access to Safety Data	• Improve carriers' ability to review safety-related data (carrier, vehicle, driver, cargo, crash, citation, inspection) collected by a State or Federal agency in a timely manner. • Consider proactively delivering safety data to the carrier.
Smart Roadside	Roadside Access to Data	• Provide integrated and improved access for roadside personnel to data stored in infrastructure systems (e.g., SAFER, Motor Carrier Management Information System [MCMIS], commercial driver's license [CDL] data systems).
Smart Roadside	Virtual Weigh Stations	• Expand the use and capabilities of virtual/remote enforcement sites to increase the effectiveness of enforcement.
Expanded e-Credentialing	Access to Credentials Data	• Enhance interfaces and systems for information sharing to provide improved access to more current and accurate credentials information for authorized stakeholders.
Expanded e-Credentialing	Better e-Credentialing	• Reduce complexity and redundancy for users by offering access to multiple credentials from a single source. • Expand the types of credentials that are available electronically (e.g., add oversize/overweight [OS/OW] and hazardous materials permitting).

Table 2 summarizes the numbers and amounts of CVISN/ITD grants awarded by FMCSA during FYs 2006–18.

Table 2. Total value and number of Federal CVISN/ITD deployment grants awarded by FMCSA, 2006–18.

Year	Number of Grants	Total Amount
2006	30	$14,512,884
2007	26	$22,442,372
2008	23	$18,192,327
2009	18	$19,925,000
2010	4	$4,761,848
2011	20	$17,010,364
2012	22	$15,609,917
2013	20	$15,785,861
2014	23	$14,906,179
2015	21	$12,373,949
2016	27	$16,834,069
2017	28	$21,393,837
2018	26	$21,757,930

CALENDAR YEAR 2018 ITD PROGRAM ACTIVITIES

During calendar year 2018, major activities occurred in the following areas:

- States continued their deployment of ITD functionality.
- FMCSA conducted the 2018 HP-ITD Notice of Funding Opportunity (NOFO) webinar outlining national priorities and grants management information.
- FMCSA hosted monthly program manager teleconference calls with State and industry partners.
- FMCSA awarded FY 2018 HP-ITD grant funds amounting to $21,757,930.
- FMCSA conducted a joint ITD-PRISM[2] Deployment Workshop in April 2018.
- FMCSA conducted Core Compliance Reviews in six States in FY18 (Idaho, Kansas, Maryland, South Dakota, Tennessee, and West

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[2] Performance and Registration Information Systems Management

Virginia). Four reviews were conducted remotely via webinar (Idaho, Maryland, South Dakota and Tennessee), and two were conducted onsite (Kansas and West Virginia).

Highlights

Electronic Screening- In FY16, FMCSA began providing roadside enforcement personnel the ability to differentiate those inspections conducted as a result of an e-Screening decision. When comparing these particular inspections (187,226 in FY18) with the most recent data available for all inspections (3,472,138 in FY18), we determined the vehicle out-of-service (OOS) rate resulting from e-Screening (21.08 percent) slightly exceeded the overall national OOS rate of 20.86 percent. The national violation rate for all e-screened inspections in FY17 was 49.43 percent.

Deployment of ITD Functionality

In calendar year 2018, 41 States had completed their deployments of Core ITD functionality and had entered the Expanded portion of the program (as illustrated in Figure 1).

All States and the District of Columbia have deployed at least one element of Core functionality and many States are close to achieving Core compliance. Table 3 summarizes the number of States that have deployed each Core element. As indicated in the table, 47 States have implemented a CVIEW and enabled interstate sharing of credential data. Forty-six States have implemented electronic credentialing for IRP, and 44 States have done so for IFTA. Two States have implemented electronic credentialing for IRP, but not IFTA. All jurisdictions have deployed the Aspen inspection software, or an equivalent, and the vast majority (49 out of 51) are currently participating in both the IRP and IFTA clearinghouses. Hawaii is exempted from participating in IRP and IFTA, and AK and DC are exempt from IFTA; therefore, only 49 jurisdictions are required to deploy IRP- and 48 for IFTA-related functionality. Forty-seven States have some form of e-screening implementation.

Several States in the Expanded phases of their ITD programs undertook projects to upgrade their systems (CVIEW, IFTA/IRP electronic credentialing), deploy and/or enhance online OS/OW permit systems, or extend e-screening implementations to other sites within their State.

Figure 1. National map of functionality deployment in FY 2018.

Legend:
- Completed Core ITD and in Expanded Phase (41 States)
- Not Yet Core (9 States plus D.C.)
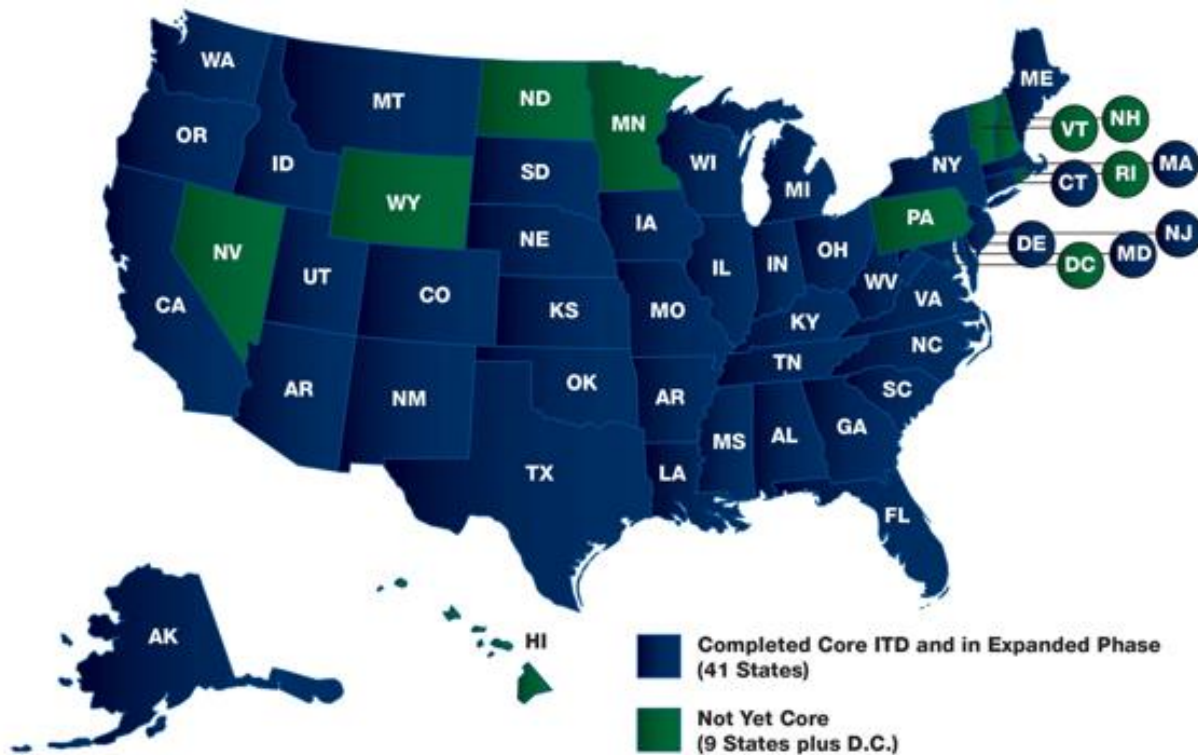
Table 3. Number of States deploying Core ITD elements, December 31, 2018.

Core ITD Element	Number of States That Have Deployed Functionality (a)	Total Number of Applicable States (b)	Percent of Applicable States with Functionality Deployed (a/b)
Safety Information Exchange			
– Aspen or equivalent	51	51	100%
– CVIEW or equivalent	47	51	92.1%
Credentials Administration*			
– Automated processing of International Registration Plan (IRP)	46	49	93.8%
– Automated processing of International Fuel Tax Agreement (IFTA) (includes tax filing)	44	48	91.7%
– Data exchange with IRP Clearinghouse	49	49	100%
– Data exchange with IFTA Clearinghouse	48	48	100%
Electronic Screening (e-Screening)			
– Deployment of e-screening at one site (minimum)	47	51	92.1%

Note: States include the District of Columbia.
* Hawaii is exempt from participating in the Credentials Administration (IRP and IFTA). Alaska and the District of Columbia are exempt from IFTA.

ITD FY 2018 Grant Funding

In FY 2018, FMCSA distributed a total of $21,757,930 in Federal HP-ITD deployment funding to 26 States. Of the 26 States, NH received a total of $832,890 in Federal HP-ITD funding to support deployment of Core program functionality, while the remaining 25 States received a total of $20,925,040 in Federal HP-ITD funding to support the deployment of Expanded functionality.

Deploying a work-zone and incident notification system was identified as a national priority within the 2018 HP-ITD NOFO, to help mitigate CMV involvement in these crashes. Alabama, Arizona and Kentucky were previously awarded grants addressing this priority. In 2018, Delaware was awarded funds for a notification system to alert CMV drivers of upcoming work zones, incidents, or areas of safety concern on the roadway with sufficient advance notice to enable rerouting or slowing down to a safe speed when approaching the area of concern.

In addition, Delaware received an award to deploy a system to provide information regarding the location of available truck parking to commercial vehicle drivers in a safe and non-intrusive manner. Appendix A provides the breakdown of FY 2018 funded ITD projects/activities. Figure 2 illustrates the States that received Federal HP-ITD funding in FY 2018.

Figure 2. States receiving Federal HP-ITD funding in FY 2018.

For more information about the ITD Grant Program, please visit:
https://www.fmcsa.dot.gov/information-systems/itd/innovative-technology-deployment-itd

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APPENDIX A: SUMMARY OF STATE ITD 2018 GRANT RECIPIENTS AND FUNDED ACTIVITIES

State	Core Compliant	FY 2018 Core Grant	FY 2018 Expanded Grant	Funded Projects/Activities
Alabama	Yes	$0	$575,000	The Alabama Law Enforcement Agency received funding for an electronic screening deployment project. The purpose of this award is to extend Alabama's electronic screening (eScreening) deployment. With the software and screening hardware, officers will be able to effectively issue citations to trucks that are working without appropriate operating authority. This technology supports both carrier screening and efficient interdiction for overweight trucks, both of which contribute heavily toward increased officer effectiveness in the field.
Alaska	Yes	$0	$814,620 *Alaska decided not to accept this award for internal reasons.*	The State of Alaska received partial funding for various projects. The purpose of this award to the State of Alaska, Department of Transportation and Public Facilities (DOT&PF), Measurement Standards and Commercial Vehicle Enforcement (MSCVE) is to maintain Core certification by ensuring that Alaska's CVIEW system is operational and consistent with the current version of SAFER software; obtain training for full development, deployment, and augmentation of ITD; attend conferences and training to ensure ITD staff maintain up-to-date knowledge; obtain a fully updated PP/TLD which will be realigned with the current ITD focus areas; install an Automatic Vehicle Identification (AVI) system at the Fox Weigh Station/Steese Highway Weigh-in-Motion site, and upgrade the entire site to a Virtual Weigh Station. This award will also address the annual renewal of the state's NORPASS membership for calendar years 2020 and 2021, the purchase and installation of new NORPASS logo signs at the State's operational AVI locations, and the purchase of transponders for issue to carriers.

State	Core Compliant	FY 2018 Core Grant	FY 2018 Expanded Grant	Funded Projects/Activities
Colorado	Yes	$0	$1,007,186	The State of Colorado received funding for a Virtual Weigh Station (mobile version and management system) project. O&M costs for memberships and administrator travel to maintain and support Core development, O&M costs for CVIEW maintenance to maintain and support Core development, and O&M costs for port-of-entries (POEs) maintenance/hosting to maintain and support Core development projects are partially funded. The purpose of this award is to identify and plan strategies that effectively: screen carriers who are not typically screened at the existing fixed and mobile ports; screen vehicles that will try to circumvent fixed ports of entry; screen vehicles in the metropolitan regions where vehicles may make many short trips without having to visit fixed ports of entry; and screen vehicles traveling at all hours of the day when a fixed facility may be closed. The award will also support the ITD program by allowing the State to participate in planning and development of the State's mainline PrePass electronic screening system, and to attend workshops each year that will give CO information and contacts needed to improve their ITD Administrator role. In addition, funds will be used to maintain the CO-CVIEW which is a reliable service to port and enforcement officers 24 hours per day/7 days per week.

State	Core Compliant	FY 2018 Core Grant	FY 2018 Expanded Grant	Funded Projects/Activities
Connecticut	Yes	$0	$1,213,842	The Connecticut Department of Motor Vehicles received funding for a Motor Carrier Portal Development Integration Consultant (contractor) project, and a Virtual Weigh Station (VWS) Deployment Pilot project, which is partially funded. The purpose of this award is to deploy a VWS to better enforce Federal commercial vehicle compliance laws; provide for efficient usage of limited law enforcement resources, using collected data; provide a law enforcement presence that will provide for better public highway safety and possibly reduce commercial carrier crashes in a heavily travelled and congested corridor; and provide accurate, complete, and timely data for daily business decision-making needs. The Commercial Vehicle Operations (CVO) Portal will be seamlessly interfaced to the new IRP application by enhancing the new motor carrier service portal and integrating the CTCVIEW environment with new VWS and e-screening systems.

State	Core Compliant	FY 2018 Core Grant	FY 2018 Expanded Grant	Funded Projects/Activities
Delaware	Yes	$0	$914,286	The Delaware Department of Transportation received funding for an Automated Brake Sensor Thermal Inspection System project. Partially funded projects include the ITD Program Management and Operation project, the Maintenance and Enhancement of Core CVISN, Expanded ITD Systems project, and the Participation in ITD-Affiliated Organization & Associations project. This award will support ongoing program management support to continue to manage the ITD Program in accordance with FMCSA's objectives, goals, and requirements. This award also addresses travel to the ITD workshop; targeting enforcement activities on unsafe vehicles versus a random selection; and reducing accidents caused by unsafe trucks operating with faulty brakes. In addition, this award will support continued operational and maintenance support of IRP, IFTA and CVIEW systems and periodic upgrades and enhancements. Funding will also be used to continue development of internal and external interfaces for data validations, data quality, and data sharing with VWS, CVIEW, SAFER, PRISM and IFTA &IRP Clearinghouse systems. Delaware will continue its affiliation with IRP and IFTA, Inc., remaining Core ITD compliant with membership dues for each entity. Delaware will also continue its professional relationship with HELP Inc. by way of membership fees.

State	Core Compliant	FY 2018 Core Grant	FY 2018 Expanded Grant	Funded Projects/Activities
Delaware	Yes	$0	$445,851	The Delaware Department of Transportation received funding for the Work Zone and Incident Communication System (WZICS) for Commercial Vehicles and Truck Parking Information System projects. The purpose of this second award to the Delaware Department of Transportation is to enable successful deployment of a system to notify commercial vehicle drivers, in a safe and non-intrusive manner, of upcoming work zones, incidents or areas of safety concerns on the roadway with sufficient advance notice to enable rerouting around the incident or slowing down to a safe speed when approaching the area of concern. The award will also support deployment of a truck parking notification system for commercial drivers. This truck parking notification system will alert drivers of available truck parking in a safe and non-intrusive manner.

State	Core Compliant	FY 2018 Core Grant	FY 2018 Expanded Grant	Funded Projects/Activities
Iowa	Yes	$0	$914,778	The Iowa Department of Transportation received funding for the following projects: Training, Workshops, Peer to Peer Information Exchange, Expanded ITD – Operations and Maintenance, and Tire Pressure Anomaly Detection Sensors. The Mobile Inspection Trailers and Weigh in Motion Sensors projects are partially funded. The purpose of this award is to grow knowledge through attendance at relevant ITD workshops and monthly program conference calls 100 percent of the time, and to continue high level involvement in data quality initiatives through active participation. This award also seeks opportunities to learn and share new system features, best practice guidelines, and improved data collection, data use, and necessary awareness to enhance focus on FMCSA national priorities. Special focus will be on monitoring and improving data quality within daily data exchange systems with SAFER, PRISM and other critical FMCSA safety related programs. The goal is to be 100 percent compliant with ITD State Data Quality evaluations and measurements, and to allow for single source data access for roadside officers. In addition, this award will be used to procure mobile electronic-screening technology to be placed in strategic areas across the State to maximize enforcement efforts in areas of high work-zone activity and to allow for more targeted enforcement sites in areas not currently served by fixed e-screening technology. Finally, the award will be used to effectively identify CMVs with potentially unsafe tires and enhance pre-screening abilities at PrePass fixed sites.

State	Core Compliant	FY 2018 Core Grant	FY 2018 Expanded Grant	Funded Projects/Activities
Indiana	Yes	$0	$1,424,921	The Indiana Department of Revenue received funding for the following projects: CVIEW Enhancement, Fees and Memberships, and Operations & Maintenance. The 360SmartView Expansion project is partially funded. The purpose of this award is to enhance the ability to retrieve critical information accessed from the roadside (for officers to use during an inspection) and to expand 360SmartView and its associated screening technologies to the I-65 southbound weigh station near Lowell and the I-94 WB and I-94 EB weigh stations near Chesterton, with the intent of improving compliance with CMV safety regulations. In addition, the award will be used to pay the annual membership fees to HELP, Inc. and the annual software licensing fee for 360SmartView for a 2-year period to ensure continued success of the current ITD screening systems in place. Finally, the award will be used to continue operations and maintenance of current in-place equipment.

State	Core Compliant	FY 2018 Core Grant	FY 2018 Expanded Grant	Funded Projects/Activities
Kentucky	Yes	$0	$1,513,000	The Executive Office of the Commonwealth of Kentucky received funding for the following projects: The Voice Recognition/Audible Alert Feature for the CVIEW; Add Rear License Plate Reader to Kentucky Automated Truck Screening (KATS) Sites; Motor Carrier Portal Enhancements, Enhancements to CVIEW; Expansion of Thermal Imaging Systems; Replacement of Roadside Screening Equipment; and Update of Kentucky's ITD PP/TLD. The purpose of this award is to increase the vehicle out-of-service (VOOS) detection rate and the identification of violations through roadside inspections performed by Kentucky State Police Commercial Vehicle Enforcement (KSP-CVE) by developing a voice recognition and audible alert feature for CVIEW. The award will also be used for: • Enhancing the KATS system to utilize a rear license plate reader to allow vehicles/trailers that enter the facility to be screened against the stolen vehicle file. • Implementing a single web-based module within the Motor Carrier Portal that will incorporate the IRP and several other processes. One critical enhancement to the CVIEW is to reduce the complexity of the screening process by ensuring that there is only one source of data for screening decisions. • Replacing some of the KY roadside screening systems and their associated hardware to ensure continued system reliability and functionality, and to make enhancements to the KATS system to improve the look and feel of the software and provide more detailed and accurate data to users. • Conducting a thorough review of Kentucky's PP/TLD and expanding the scope of the document to accommodate long-range planning efforts and provide more in-depth detail about Kentucky's ITD architecture.

State	Core Compliant	FY 2018 Core Grant	FY 2018 Expanded Grant	Funded Projects/Activities
Louisiana	Yes	$0	$584,636	The State of Louisiana received funding for the OS/OW System Enhancements in Support of Automated Permit Issuance, Payments, Reporting, and Security project. The OS/OW Permitting System Operations and Maintenance project is partially funded. The purpose of this award is to replace the State-owned OS/OW permitting system with a vendor-maintained system to route, issue, cashier, and report permits electronically, and to automate the bridge analysis routines used in permit routing. The system will be interfaced with the State CVIEW as well as various DOT systems which collect and store restrictions data, enabling automated updates of restriction data underlying the bridge analysis and geographic information system (GIS) routing components of the OS/OW system. Also, the award will be used to ensure ongoing support for OS/OW system operation and maintenance to maintain existing functionality and any additional functionality deployed by other ITD projects.
Maine	Yes	$0	$839,140	The Maine Department of Public Safety, Maine State Police received partial funding for the Smart Roadside Virtual Deployments (Elliot Rte 236 & York Rte 1 Sites) project. The purpose of this award is to install technology at two virtual weight station sites to reduce the number of crashes in 2019 by 5 percent from the 2017 high of 877. Also, Maine would like to increase their vehicle OOS detection rate by targeting high-risk large trucks through Smart Roadside technologies.
Michigan	Yes	$0	$108,378	The Michigan State Police received funding for the Develop an ITD PP/TLD and Travel project. The purpose of this award is to develop a detailed National ITS Architecture-compliant ITD PP/TLD that will replace the existing obsolete CVISN project plan that was submitted and approved in 1996.

State	Core Compliant	FY 2018 Core Grant	FY 2018 Expanded Grant	Funded Projects/Activities
Missouri	Yes	$0	$1,546,082	The Missouri Department of Transportation received funding for two projects: the Update IRP, IFTA, CVIEW, PRISM and Intrastate Operating Authority Modules project and the Attendance at ITD Workshop project. This award will be used to provide customers with a more intuitive and user-friendly system that provides additional functionality that was not available when the system was implemented 13 years ago. By providing newer technology, it is anticipated that the number of carriers currently entering their own credential transactions will increase from the current 73 percent to upwards of 80 percent. This award also provides funding to attend the ITD Workshop to foster communication and the exchange of ideas and information.
North Carolina	Yes	$0	$722,500	The Department of Public Safety (North Carolina) received funding for the Upgrade Lumberton Weigh Station – Northbound I-95, Lumberton NC project. The purpose of this award is to expand ITD System capabilities by installing a weigh-in-motion (WIM) system, automated license plate reader (LPR), message board, a tire monitoring system, and a computer with monitor and a server at the Northbound Lumberton Weigh Station.
Nebraska	Yes	$0	$691,108	The Nebraska State Patrol received partial funding for the iRoc/TACS (tire anomaly classification system)/LPR/DOT/WIM project. The purpose of this award is to enhance the screening of all commercial vehicles for violation of weight, safety or credential regulations, regardless of subscriptions to pre-clearance systems, on the mainline highway upstream from a weight enforcement station.

State	Core Compliant	FY 2018 Core Grant	FY 2018 Expanded Grant	Funded Projects/Activities
New Hampshire	No	$256,059	$0	The New Hampshire Department of Safety received partial funding for the CVIEW and Travel project. The purpose of this award is to implement a State-specific data exchange system (CVIEW) to exchange intrastate and interstate motor carrier and commercial vehicle information within the State and with the national SAFER system through carrier and vehicle snapshots. This is a Core ITD program priority. This project is also requesting funds for travel to the ITD Workshop.
New Hampshire	No	$576,831	$0	The New Hampshire Department of Safety received funding for the Electronic Credentialing for IRP, IFTA and Program Management for ITD project. The purpose of this award is to design and deploy a new IRP system that will allow online renewals and act as a "storefront" for all trucking-related activities in New Hampshire; implement the IFTA Processing Consortium (IPC) component that will allow online application for decals and payment of quarterly taxes; and to secure the necessary program management resources to support the successful deployment of its ITD projects. This is a Core ITD project priority.
New Jersey	Yes	$0	$85,000	The New Jersey Department of Transportation received funding for the Develop Expanded ITD PP/TLD project. The purpose of this award is to develop an updated ITD PP/TLD in accordance with FMCSA requirements and to receive plan approval from FMCSA.
New York	Yes	$0	$800,000	The State of New York, Department of Transportation received funding for the New York State (NYS) CVIEW Enhancements project. The purpose of this award is to procure and implement a totally integrated CVIEW commercial off-the-shelf (COTS) application in NY State that will provide improved access and quality of IRP and IFTA data.

State	Core Compliant	FY 2018 Core Grant	FY 2018 Expanded Grant	Funded Projects/Activities
Ohio	Yes	$0	$268,791	The Public Utilities Commission of Ohio received funding for the Portable LPRs and Screening Software project. The purpose of this award is to identify the highest risk vehicles for inspection by verifying their identity, credentials, and past safety performance all while the vehicles are traveling at highway speed. Consequently, the State will procure, install, test, and use an e-Screening system consisting of portable LPRs on each of the motor carrier inspector vehicles used to conduct North American Standard driver/vehicle inspections in the State of Ohio as a part of Ohio's Motor Carrier Safety Assistance Program (MCSAP). Once installed, the goal will be to utilize these devices to screen vehicles passing inspectors and notify them of a PRISM hit. The inspector would then initiate a roadside inspection. They estimate each LPR system will scan over 6,500 vehicles per shift. Currently, the Ohio State Highway Police (OSHP) averages 6,452 roadside inspections per month. Once all the LPRs are installed, it is estimated over 10 million vehicles will be scanned per month.
Ohio	Yes	$0	$994,500	The Public Utilities Commission of Ohio received funding for the IRP System Acquisition and Modernization (IRP 2019) project. The purpose of this award is to execute the IRP 2019 project. This will provide efficiencies in processing and more access to IRP data; continued electronic submission of IRP Clearinghouse data; real-time interaction with the PRISM data system; increased use of electronic credential delivery and document management; and updates to the IRP informational website and IRP forms to create other language document versions. Ohio's IRP vendor has moved away from servicing IRP to ITD States. It is required for Ohio to re-certify this process with a new vendor.

State	Core Compliant	FY 2018 Core Grant	FY 2018 Expanded Grant	Funded Projects/Activities
Oklahoma	Yes	$0	$854,816	The Oklahoma Department of Transportation received funding for the following projects: CVIEW/IRP-IFTA/Other State Systems Enhancements in Support of CVIEW, Fixed Weigh Station/POE Networking for DPS at 4 Locations, E-Screening Algorithm Enhancements, and Thermal Imaging Brake Testing Pilot Project at One Port of Entry. The ITD Related Travel, Contract ITD Projects Management/System Architect Assistance, CVIEW Operations and Maintenance, and E-Screening Technologies Operation and Maintenance projects are partially funded. The purpose of this award is to implement a backlog of enhancements to the IRP and IFTA legacy systems to address specific data quality issues and to maximize related data quality going forward, with the goal of consistent DQ ratings in the "Good" (highest) category on all ITD measures. Enhancements will also provide a secure network for Department of Public Safety (DPS) use at four weigh stations/POEs to assist DPS inspectors in electronically vetting and selecting for further inspection vehicles, drivers and carriers who may present a higher safety risk. Award funds will also be used to review e-screening algorithms currently in use in OK and work with the e-screening vendor to modify those algorithms as needed to fully address DPS e-screening needs. In addition, awards will be used to provide thermal imaging and safety performance data to the e-screening algorithm to support vetting of vehicle condition and to support overall long-term goal of crash reduction. Award funds will also be used to: • Execute an agreement for Contract Projects Management/System Architect Assistance contract for operations and maintenance for the Oklahoma CVIEW which is operated and maintained by Iteris on Iteris networks • Provide routine hardware/software/network updates to ensure robust system operation, routine monitoring of uploads/downloads to and from SAFER and SafetyNet, and analysis/resolution of any related issues.

State	Core Compliant	FY 2018 Core Grant	FY 2018 Expanded Grant	Funded Projects/Activities
South Dakota	Yes	$0	$485,454	The South Dakota Department of Transportation received funding for the Drivewyze Link to E-Screening project. The Tire Anomaly and Thermal Brake Inspection project is partially funded. The purpose of this award is to install a Tire Anomaly and Thermal Brake Inspection System to detect uninflated and underinflated tires on mainline traffic and non-functional brakes on entrance ramp traffic at South Dakota's two ports of entry on I-29. Funds will also be used for installing a Drivewyze link to e-Screening—communications hardware and software at all six of South Dakota's electronic screening systems to enable bidirectional communication with the privately operated Drivewyze system.
Tennessee	Yes	$0	$649,375	The Tennessee Department of Safety and Homeland Security received funding for two projects: the Program Management Support project and the Cloud-Based Smart Roadside Data Storage project. The Fixed Inspection Site Infrared-Based Screening System (IBSS) and PrePass (Help Inc.) Membership Fees projects are partially funded. The purpose of this award is to replace two IBSSs and install new IBSSs at four additional sites. Funds will also be used to ensure the retention of an ITD Program Manager and System Architect services to assist the State's ITD team with implementation and expansion of statewide ITD projects and activities, and to ensure that the program is compliant with Federal rules and regulations. The State utilizes PrePass for electronic screening purposes and would request continued participation in the PrePass/Help Inc. board meetings. Replacing the existing TN Smart Roadside data storage servers with a vendor-hosted, cloud-based storage system where all data associated with the Smart Roadside system will be stored at a central location will also be addressed with this funding.

State	Core Compliant	FY 2018 Core Grant	FY 2018 Expanded Grant	Funded Projects/Activities
Texas	Yes	$0	$600,950	The Texas Department of Motor Vehicles received funding for the Falfurrias Inspection Station Enhancements and Travel projects. The purpose of this award is to deploy WaveForm imaging technology for identifying CMVs as they move through an inspection station, and an automated tire pressure measurement system to incorporate tire inspections into the e-Screening process on the mainline, to enable main-lane sorting. Such a system will be more effective in identifying potential safety issues related to under-inflated and even missing tires. This award provides funding for program-related travel costs for State employees; specifically, for the 2019 ITD/PRISM Workshop and for travel to another State in support of peer-to-peer information sharing.
Utah	Yes	$0	$571,327	The State of Utah Department of Transportation received funding for the Price Port of Entry E-Screening project. The purpose of this award is to expand LPR/USDOT number reader (USDOTR) screening capability to the Price POE facility located in eastern Utah. The Price POE facility is tasked to serve CMV traffic along US6 in the coal country of eastern Utah. The Price POE e-Screening deployment will leverage innovative LPR/USDOTR technologies along with WIM scales and eventually dynamic message signage in future funded projects.

State	Core Compliant	FY 2018 Core Grant	FY 2018 Expanded Grant	Funded Projects/Activities
Virginia	Yes	$0	$1,699,461	The Commonwealth of Virginia, Department of Motor Vehicles received funding for the Replace Existing OS/OW Permit System project. The purpose of this award is to implement an updated OS/OW permit system that will reduce the number of complicated permits that will require further engineering analysis, thus reducing carriers' wait time for issuance. Specific functions to be provided by the system include real-time route and data analysis based on the carrier's requirements, the reduction of staff resources required to issue hauling permits, and IT staff for system maintenance.
Washington	Yes	$0	189,998	The Washington State Department of Transportation received partial funding for the Update PP/TLD project. The purpose of this award is to contract for a new and improved PP/TLD that will allow the State to apply for future HP-ITD grants.
West Virginia	Yes	$0	$410,040	The West Virginia Division of Motor Vehicles received funding for three projects: the ITD Program Management-Training and Workshop Attendance project, the Maintenance of Effort for CVIEW project, and the Ensure Safety Data Quality project. The Virtual Roadside Inspection Stations project is partially funded. The purpose of this award is to attend and participate at the ITD Workshop. The award will also be used to upgrade communications necessary to allow data transfer from the CVIEW to SAFER through the current connectivity method, and installing virtual roadside inspection stations along two roadways. In addition, funds will be used to expand the State's CVIEW functionality through a current maintenance of effort and enhanced network connectivity efforts to ensure CVIEW availability through the development of data processing controls, rules, and regulations.
Total FY 2018 Funds Awarded				**$21,757,930.00**