

Product Highlights

About Forward Thinking

Forward Thinking Systems (FTS) specializes in delivering advanced telematics and video-telematics solutions to both public and private sectors for efficient fleet, driver, and asset management.

Established in 2005, FTS has empowered numerous clients and agencies with essential tools and data-driven insights for optimized fleet operations. FTS has facilitated seamless access to automated processes for state emissions and compliance solutions, serving a multitude of fleets nationwide.

FTS presents five comprehensive platform offerings – IntelliHub®, Field Warrior®, Route Matrix™, FleetCam®, and DriveShield® – to address diverse challenges in fleet management, asset tracking, ELD compliance, and driver safety across multiple industries on a global scale.

1000+

Customers

20+

Countries

5

Core products

1

Seamless experience


Over a thousand fleets and counting.

More than a thousand businesses and government agencies trust Forward Thinking to help them navigate their fleets and manage their assets. Our commitment to our customers' success is the reason why brands large and small trust us to help them stay ahead.



Product lineup

FTS has built every pillar of its fleet management software completely from the ground up, right in our own development studio. Unlike the competition, our solutions aren't built on messy acquisitions or repurposing of third-party software.



Next level fleet management

Run your entire fleet from a browser with IntelliHub. Track, dispatch, live-stream, analyze and generate reports, manage staff, and more.




Automated route planning

Perfectly optimize and generate thousands of routes with customizable inputs such as location, delivery windows, availability, and traffic, in mere seconds.



Workforce automation & ELD app

Give your fleet the field operation tools it needs with Field Warrior. ELD, time-clock, signature capture, delivery verification, dispatching, and GPS.



All-in-one camera solution

Maximize fleet safety through FleetCam's AI-powered fleet camera systems with remote-access live-streaming and safety event detection.



Self-coaching

DriveShield delivers real-time in-vehicle AI alerts for added driver accountability, automated coaching and training, driver scorecards, and more.

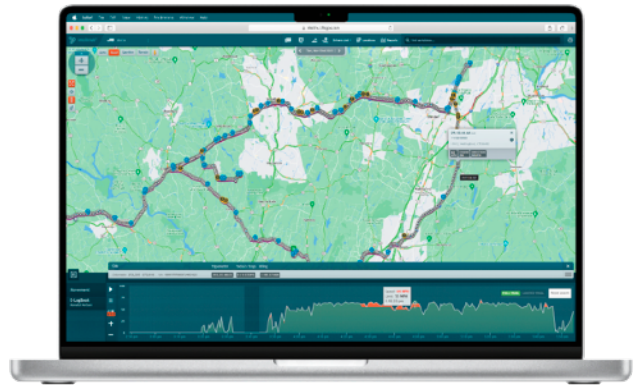
FTS ProServ

Custom Solutions

From custom reports, PTO events, and new integrations to developing all-new proprietary hardware and software solutions.



Take control of your fleet with our advanced fleet management software whether you're in the office or on-the-go. Track, manage, and analyze fleet and field operations in a single, easy-to-use, browser-based interface.



Total Fleet Management

Manage and track a more efficient fleet of vehicles and assets. Dispatching, electronic logs, and maintenance are just a few of the tools in your arsenal.

Real-time vehicle tracking includes location, speed, ignition status, driver behavior, engine data, and more.

Analytics & Reporting

Turn your fleet data into actionable intelligence with smart analytics, alerting, and reporting broken down by fleet, vehicle, and driver.

Smart Breadcrumb Trail

IntelliHub generates a precise breadcrumb trail that updates every 1 minute, 1 mile, and/or 30-degree turn of the steering wheel.

Every breadcrumb contains activity information from the vehicle's ECU (on-board computer) for full transparency and systematic reports to fleet managers.

Dispatching & Route Optimization

Digitally connect your drivers and dispatchers with our vehicle dispatching solution to increase speed of delivery, remove confusion, and receive real-time data from the field.

Build efficient, cost-effective routes with the help of Route Matrix, our advanced route optimization tool.

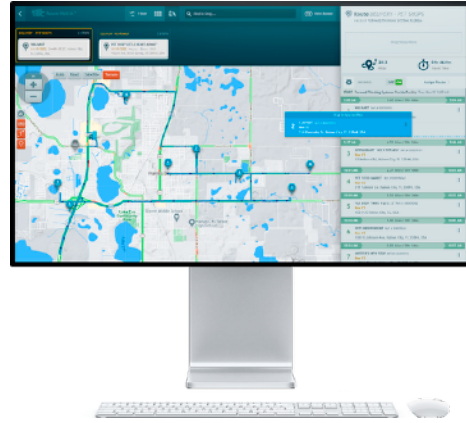
Demystify Electronic Logbooks with Helpful Insights

IntelliHub is always connected to your drivers' Electronic Logging Device (ELD) so you'll see driver logs updating in real time.

The simple, logical design makes it easy to spot driving violations and provide insights into why a driver was in violation, and how it could have been prevented.



Build cost-effective routes by automatically optimizing your stops into an incredibly efficient order. Customize sorting preferences for time, distance, service, and other factors to unlock your time and resources with our fleet routing software.



Track & Improve Productivity

Our fleet routing software automatically sorts stops into a highly optimized order, taking into account distance, travel time, equipment, personnel, and other factors. Waste less fuel, work-hours, and money with more efficient operations, and watch your productivity grow as if there were suddenly more hours in each day.

Customize & Override Routes

The most direct or efficient route isn't always the only consideration. Easily override optimized routes and stop orders when special factors, such as customer preference or truck unloading requirements, make it necessary. Drag-and-drop stops to respond to changing needs and conditions.

Simple, user-friendly, and quick.

Visualize Route Paths on an Interactive Map

Use the interactive map to visualize the path of a selected route, as well as unassigned stops that aren't yet on any route.

Simply drag-and-drop unassigned stops onto the route and let Route Matrix recalculate and display updated distance and travel times for final analysis. And with fleet route optimization enabled, every new stop gets spliced into the most efficient spot on the list of stops.

Provide Accurate ETAs

Route Matrix estimates arrival times for each stop while you build routes so you'll know approximately when drivers will arrive before they even start driving.

Knowing when drivers will arrive at their next stops keep the office, customers, and the field team in sync at all times.



Bring field service automation to Android and approved Garmin devices with real-time GPS tracking, electronic logbooks, digital DVIRs, dispatching, navigation, and more. Give your mobile workforce all the tools they need to manage their workload and keep you up to speed on what's happening in the field.



Schedule & Dispatch

Receive dispatched stops, turn-by-turn navigation, and ensure the office always has an accurate job status and ETA. Use turn-by-turn commercial navigation to keep drivers on suitable roads based on your vehicle's parameters (size, weight, hazardous materials, etc.). Drivers receive scheduled stops along with all relevant details within the app. When a stop is selected, Field Warrior guides them with turn-by-turn navigation and keeps you informed with real-time status updates.

Consolidate Tools

Field Warrior combines real-time GPS tracking, electronic logbooks, dispatch, navigation, digital forms, signature captures, and more into a single, powerful, easy-to-use app. Capable of running on your drivers' existing devices or on special ruggedized devices, Field Warrior improves communication, enhances customer service, and helps your fleet to run smoother and more efficiently.

Mobile Device Tracking

Mobile device tracking keeps you connected with your workforce when they're working away from their vehicles, such as making deliveries, working on construction sites, or any other "on-the-go" situations. Tablets and smartphones equipped with Field Warrior further improve your communication process with quick 2-way messaging that automatically stores all conversations for future reference.

FMCSA-Approved ELD

Maintain ELD-compliant driver logs easier than ever. Field Warrior is an electronic logbook app that helps you maintain a compliant fleet with flexible ELD rule-sets, auto-switching duty statuses, digital DVIRs, and more.

Workforce Management

From signature capture and time clocks to custom digital forms for proof-of-delivery and driver inspections, Field Warrior helps eliminate lengthy paperwork and costly mistakes.



FleetCam®

Gain fleet visibility, safety, and accountability with our all-in-one fleet vehicle camera solution. FleetCam® uses AI-driven sensors to detect unsafe driver behaviors, allowing the Driver Monitoring System to continuously assess driver behavior, while the Advanced Driver Assistance System continuously monitors the road ahead.



Real-time In-Cab Alerts

FleetCam uses advanced AI technology to detect events such as lane departure, unsafe following distance, harsh braking, phone use, and more. The system can also generate in-cab audiovisual alerts to wake up drivers who are falling asleep, distracted, texting, smoking, and more.

360° Visibility

Designed to save lives with AI dash cams and driver assistance, real-time in-cab notifications, and an integrated driver behavior coaching system, our award-winning AI camera solution offers a near 360° degree view of your vehicles.

Breadcrumb Trail Snapshots

Snapshot photos are captured from the fleet dash cams every 5 minutes and displayed along the vehicle's route line creating an accurate breadcrumb trail and providing an extra level of insight into the vehicle's activity.

Live Stream & Historical Footage

See your drivers and the road around them by simultaneously streaming up to eight cameras in and around the vehicle.

Fleet managers also can stream historical video footage from the fleet dash cams and download clips right to your computer without having to physically access the vehicle.

Driver Coaching and Analytics

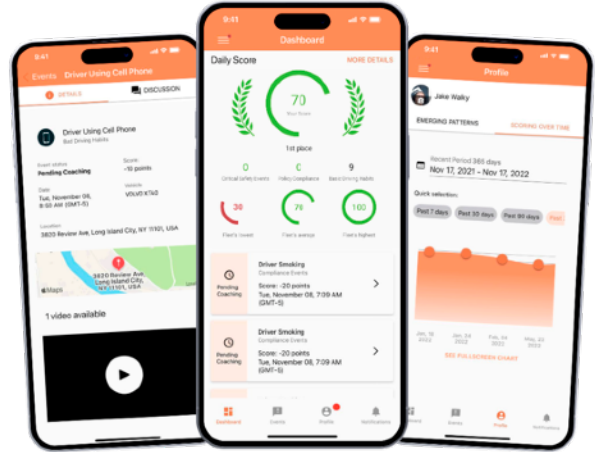
FleetCam monitors driver behavior for unsafe events and then uploads event clips for review by both drivers and fleet managers.

The system can perform behavior pattern tracking and provide detailed analytics to automate driver coaching and improves driver safety using DriveShield, which lets drivers review their safety and distracted driving events and self-coach.



DriveShield™

Empower your drivers to improve their driving habits and your fleet's safety performance. Monitor driver scorecards, review and address events, self-coach minor safety issues, and enroll in video lessons to quickly and easily correct unsafe behavior.



Driver Self-Coaching

Drivers' events are shown to them for review and acknowledgement, giving drivers the ability to self-coach without supervisor involvement. Drivers can view the exact details of each generated event, evaluate the event and situation, and then decide to acknowledge or dispute it. By allowing drivers to coach themselves, managers save time from reviewing each fleet driver's daily behavior to focus on more serious, on-going issues that a driver fails to self-correct.

In-App Driver Training

When drivers fail to use self-coaching to improve their driving habits, DriveShield enrolls them in a mandatory interactive training course specifically designed to combat their unsafe driving behavior. These educational yet engaging courses call attention to the importance of improving driver behavior. Once notified of their enrollment, the driver has seven days to complete the training course.

Escalating Coaching to a Supervisor

Hands-on coaching from a supervisor is needed in the event that both self-coaching and training courses fail to improve a driver's behavior over time. The supervisor can hold a constructive coaching session with the driver after reviewing and assessing the driver's detailed history of behavior events and analytics.

Driver Scorecard

DriveShield puts drivers in complete control of their score improvement by highlighting their strengths and weaknesses on the same analytics chart that their supervisor views. With access to all activity information, drivers can challenge a penalty or have a not-at-fault incident excused. The Driver Scorecard also illustrates historical trends, allowing drivers to visualize improvements, maintain high performance, and illustrate emerging patterns within their driving behavior.

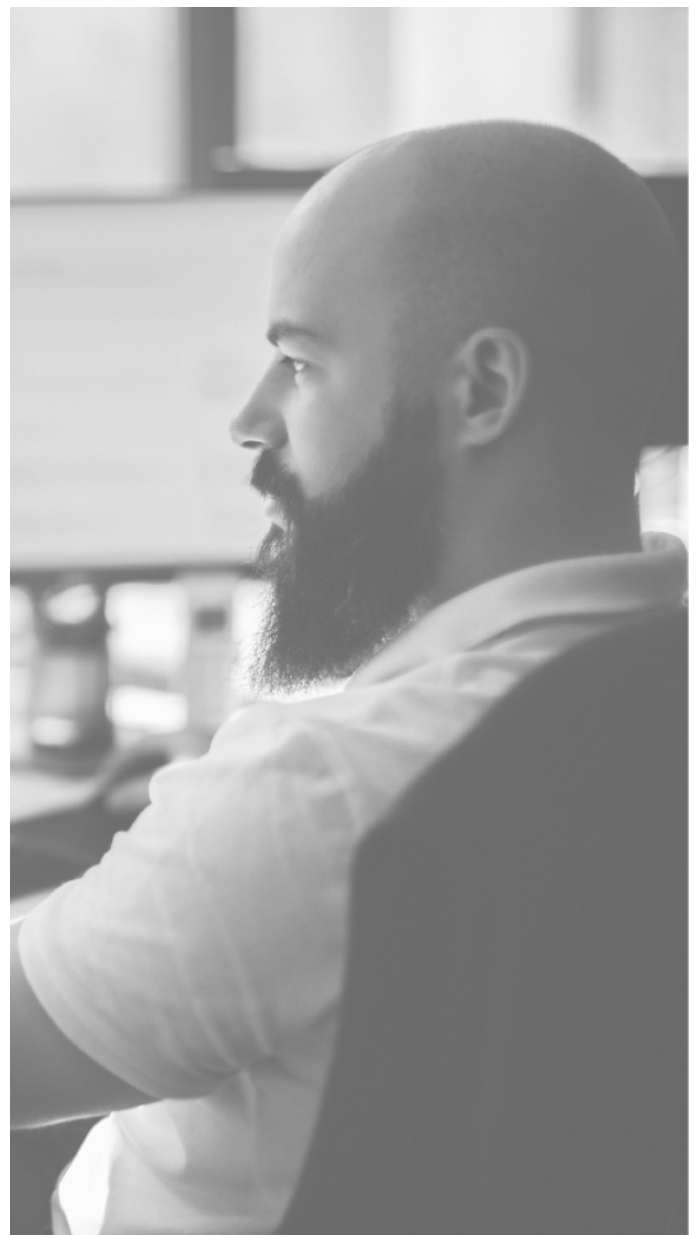
Professional Services

Forward Thinking's complete fleet solution boasts a flexibility and ease-of-use that is second-to-none.

What allows us to widen the gap from our competition even further is our professional services division.

While our out-of-box solution works seamlessly for a large percentage of customers, there are times when tailoring our solution- to get our clients over that final hurdle- really puts FTS in a league of its own.

From custom reports, PTO events, and new integrations to developing all-new proprietary hardware and software solutions, FTS' Professional Services delivers an experience no other fleet telematics company even comes close to.



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