



EFFICIENT FLEET MANAGEMENT. LEVERAGE BIG DATA TO RESPOND IN REAL TIME. CUT COSTS AND REDUCE YOUR ECO FOOTPRINT.

BIG DATA. BIG OPPORTUNITY.

To survive and thrive in today's ferocious markets, you need to have your finger on the pulse. That means making the most of your mass data – to understand your customers, to identify market opportunities and anticipate relevant developments. To get to the top, and stay at the top, you must effectively manage the four key attributes of big data:

- **Volume:** the quantity of data to be captured continues to grow exponentially.
- **Velocity:** bits and bytes have to be processed at high speed.
- **Variety:** data comes in many formats, from diverse sources.
- **Value:** data needs to be converted into meaningful insights.

To leverage these four Vs to your full advantage, you need a fresh approach: an end-to-end solution that aggregates, analyzes and visualizes mass data – quickly, simply and reliably.

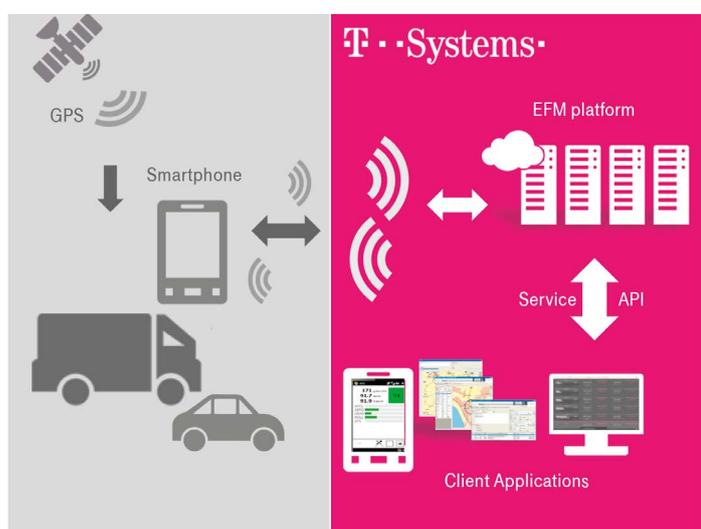
T-Systems offers powerful, comprehensive solutions that address all four Vs. T-Systems takes volume, velocity and variety, and gives you value with a capital V.

MOUNTING PRESSURE. SQUEEZED MARGINS.

Fleet operators are feeling the heat from two sides: they are under pressure to reduce both their expenditures and their environmental impact. Operating costs continue to climb, while profit margins remain slim. To compound matters, legislative requirements, such as emissions reporting, continue to multiply. And offsetting emissions requires the purchase of costly certificates. Logistics players have no choice but to develop smarter strategies. By avoiding empty truck movements, out-of-route miles and poorly coordinated shipments. And by improving driving behavior to maximize fuel efficiency. A big data solution from T-Systems helps you address all these challenges. It gives you real-time data for enhanced documentation, better route planning and easier identification of under-performing drivers.

Efficient Fleet Management from T-Systems is a platform-based big data solution that cuts costs and protects the environment.

EFFICIENT FLEET MANAGEMENT. REDUCE CONSUMPTION. CURB EMISSIONS.



The driver's smartphone captures and relays fuel-consumption and other metrics. It also collects data on the shipment, road grade, speed and more, and transmits it to the T-Systems' cloud. Your headquarters receives real-time actionable information, enabling fleet dispatchers to provide drivers with immediate feedback and guidance.

BETTER PLANNING. MORE EFFICIENCY.

Ongoing analysis of worldwide data on frequently traveled routes enables the identification of patterns as the basis for efficiency improvements. It is possible to evaluate individual routes and vehicles, or entire fleets. Moreover, you can leverage Google Maps for easy-to-understand visualizations. Improved planning of shipments and routes eliminates empty truck movements, and ensures consignments are coordinated to maximize payload and efficiency. More shipments are delivered punctually and, if delayed, customers receive timely notification, leading to greater satisfaction. T-Systems solutions also simplify the organization of field-service deployments. And GPS location tracking increases flexibility further, allowing changes to routes and shipments – or the dispatch of help in the event of an emergency.

FRIENDLY TO THE ENVIRONMENT. FRIENDLY TO YOUR BOTTOM LINE.

Fleet operators require comprehensive documentation – to demonstrate compliance with applicable legislation, but also for in-house auditing and customer accountability. What is more, leased vehicles can be valued more easily and accurately upon their return. For example, mileage can consist of numerous short trips or only a few long-distance tours, and this makes a real difference to wear and tear. Moreover, insurance companies may adjust premiums to reflect policyholders' documented driving behavior. Car rental and car sharing agencies also stand to gain: by tracking the location of all vehicles at all times, and knowing when they have been returned, they can greatly improve vehicle availability. In addition, Efficient Fleet Management from T-Systems enables you to create at-a-glance dashboards – and visually-appealing, comprehensive documentation.

THE THREE KEY BENEFITS.

1. Real-time data empowers you to lower fuel consumption and emissions
2. Improved route and deployment planning
3. Visualization and end-to-end documentation
(e.g. for compliance with applicable legislation)

BIG DATA SOLUTIONS FROM T-SYSTEMS.

We give you total answers to all your big data imperatives: from assessment, to consulting, to implementation, operation and optimization.

- Secure big data solutions out of the cloud: immediate provisioning, rapid and simple scalability
- Process expertise and best-fit technologies
- Also available in the form of analytics as a service
- High-performance VPN/MPLS network infrastructures
- Proven big data transition models

Do you want to know more about how big data can work for you? Then why not try out our big data assessment.

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PUBLISHED BY

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