

The Future of Fleet Efficiency

KEY TRENDS FOR 2025

Trying to boost fleet efficiency by simply cutting costs? That won't work in 2025. Fleet leaders who cling to outdated strategies risk falling behind as evolving regulations, shifting customer demands, and rising expenses reshape the industry.

The real game-changer? Understanding the trends driving high performance. Explore five major shifts transforming fleet operations—and learn how to stay ahead of the competition.

Top 5 Trends Shaping Fleet Efficiency in 2025

TREND 1:

The Rise of AI-Powered Fleet Management

Artificial intelligence (AI) is transforming how fleets are managed by enhancing safety, optimizing routes, and predicting maintenance needs.



Safer Driving – AI and machine vision (MV+AI) detects risky behaviors in real-time*, reducing collisions.



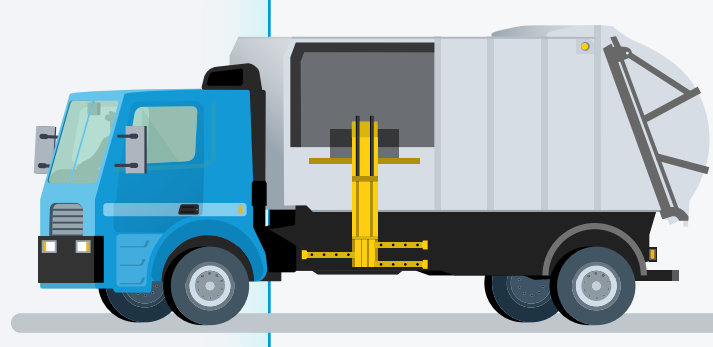
Smarter Routing – AI-driven route optimization cuts fuel costs and improves on-time performance.



Predictive Maintenance – Machine learning analyzes vehicle data (tire pressure, brake wear, fault codes) to prevent breakdowns before they happen.

1

THE IMPACT?



Predictive maintenance systems enabled by AI are estimated to **increase asset productivity by 20%** and **reduce overall maintenance costs by 10%**.¹

2

THE IMPACT?

72%

of fleets noted a **reduction in crashes and claims** through combining telematics with training initiatives.²



TREND 2:

Integration Is Key—Fleet Data Silos Are Becoming Obsolete

For too long, fleet data—location, safety, fuel and maintenance has been scattered across disconnected systems. The future? **Seamless integration**.



One Source of Truth – Cloud-based platforms consolidate data for full-fleet visibility.



Connected Systems – Open APIs sync telematics, fuel cards, safety insights, and maintenance records in one dashboard.



Faster, Smarter Decisions – No more manual data transfers or silos—just real-time* insights that drive efficiency.

TREND 3:

Cost Control Through Automation

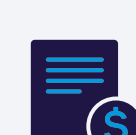
Fleet automation is no longer a luxury—it's a necessity. AI-powered automation is helping fleets reduce costs, streamline operations, and prevent costly incidents.



Smarter Safety – AI dash cams and in-cab alerts reduce collisions and insurance claims.



Optimized Routes – Telematics auto-coaches drivers on safer, more fuel-efficient habits.



Back-Office Efficiency – Automated driver logs, compliance reports, and fuel tax filings free up staff for higher-value work.

3

THE IMPACT?

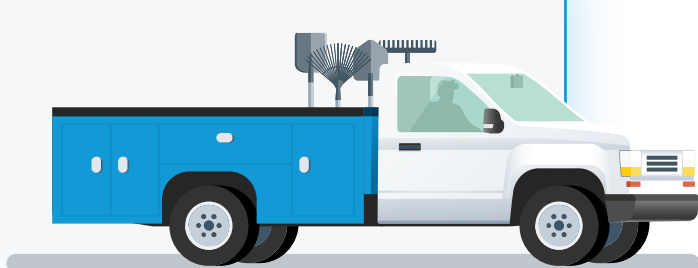


Using Lytx's AI-powered driver safety solution, Cargo Transporters **saved between \$50,000 and \$100,000** in litigation costs for just two wrongful claims.³

4

THE IMPACT?

Beacon Mobility achieved a **46% risk reduction** with Lytx integrations and real-time data.⁴



TREND 4:

Real-Time Data Becomes a Competitive Advantage

Cutting costs alone won't boost efficiency in 2025. To stay ahead, fleet leaders must adapt to five key trends reshaping the industry.



Live GPS & Diagnostics – Track vehicles, monitor engine health, and prevent breakdowns.



AI-Powered Driver Coaching – In-cab alerts reduce risky behaviors and collisions.



Faster Incident Response – Instant access to video footage speeds up investigations and claims.



Fuel & Maintenance Optimization – Real-time* monitoring cuts costs and keeps vehicles running smoothly.

TREND 5:

Electric and Alternative Fuel Vehicles Enter the Mainstream

Fleet electrification isn't just about sustainability—it's about cutting costs and staying ahead of regulations.



Lower Operating Costs – EVs and alternative fuels (CNG, propane, renewable diesel) reduce fuel price volatility.



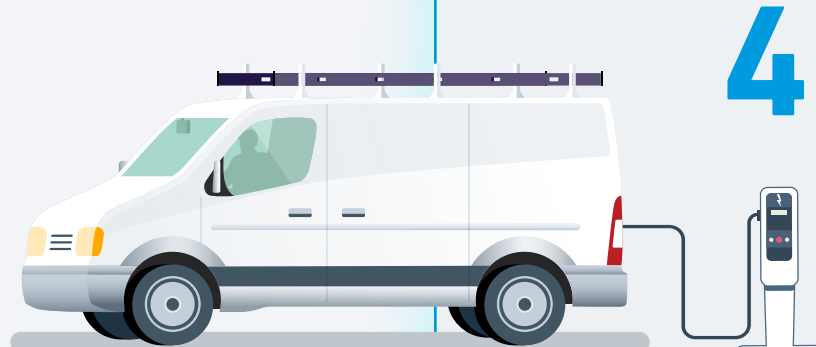
Smarter Energy Management – Telematics optimize charging schedules and monitor battery health in real time.



Enhanced Safety – New EV models come with advanced safety tech, and eco-driving training improves driver behavior.

5

THE IMPACT?



41%

of existing fleet vehicles could be replaced with EVs today for a **savings of roughly \$16,000 per vehicle** over the vehicle's lifetime.⁵

Actionable Takeaways for Fleet Operations Leaders

- ✓ Eliminate data silos with an integrated fleet management platform.
- ✓ Leverage predictive analytics to reduce downtime.
- ✓ Automate compliance and reporting to improve efficiency.
- ✓ Prioritize real-time insights to stay ahead of fleet disruptions.

The most efficient fleets are already adapting—are you?

Learn more about Lytx+™ with Geotab®, a superior all-in-one solution without compromise.

[Learn More](#)

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*Subject to available cellular network coverage.

¹<https://blog.marketresearch.com/the-global-trucking-industry-and-the-role-of-artificial-intelligence>

²<https://www.insurancebusinessmag.com/us/news/auto-motor/telematics-use-grows-in-insurance-as-fleets-report-fewer-claims-crashes--sambasafety-511920.aspx>

³<https://www.lytx.com/our-clients/success-stories/cargo-transporters>

⁴<https://www.lytx.com/our-clients/success-stories/beacon-mobility>

⁵https://www.geotab.com/CMS-GeneralFiles-production/NA/ebooks/Taking_Charge/taking-charge-report-ebook-2024-1244275079-geotab-web-EN-EN-final-Mar24-AODA-web.pdf