



SMART TRUCKS: The Connected Fleet of Today – and Tomorrow

The Internet of Things (IoT) is made up of everyday objects that connect over the web through embedded devices. Let's look at how the industry is being reshaped as more and more of these devices are being found in trucks and delivery vehicles.



ABI RESEARCH ESTIMATES THAT BY 2020¹:

- \$16 billion of Transportation Industry revenues will be related to the Internet of Things.
- 40+ billion connected devices will interact, covering:
 - Smart Transportation
 - Commercial Vehicle Telematics
 - Automotive Safety



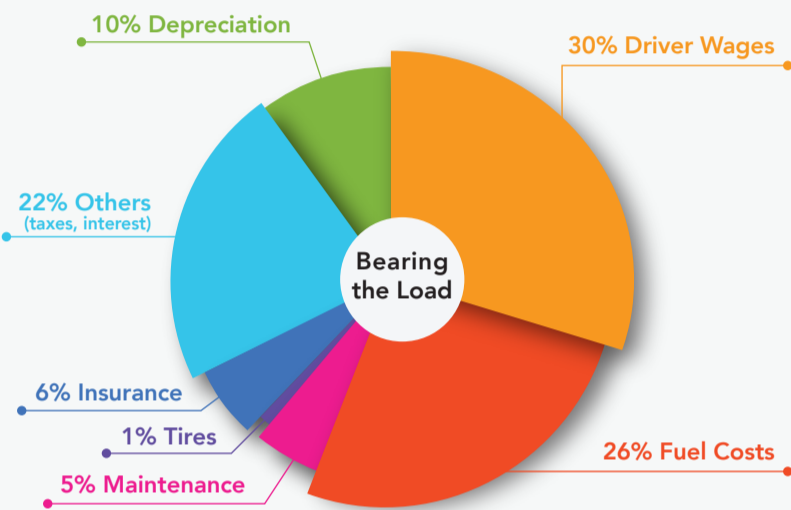
REALITIES FOR TODAY

But those savings just scratch the surface. Today's *Smart Truck* technology enables:

- Accumulation of Actionable Safety Data
- Critical Event Alerting
- Driver In-Cab Productivity Applications
- Driver Downtime Minimization
- Dynamic Navigation
- Electronic Vehicle Inspection
- Geofencing
- Green Routing
- Telematics for Compliance (for hire)
- Telematics for Tracking (private)
- Telematics for Asset Diagnostics
- Telematics for Preventative Maintenance
- Vehicle-to-Fleet Communication
- Vehicle-to-Vehicle Communication
- Vehicle Uptime Maximization
- Predictive Fault Monitoring

WHAT DRIVES THE NEED FOR SMART TRUCKS?

Frost & Sullivan² reports that fuel, driver wages, maintenance, and tires together account for 62% of the total cost of fleet operation.



LIGHTENING THE LOAD



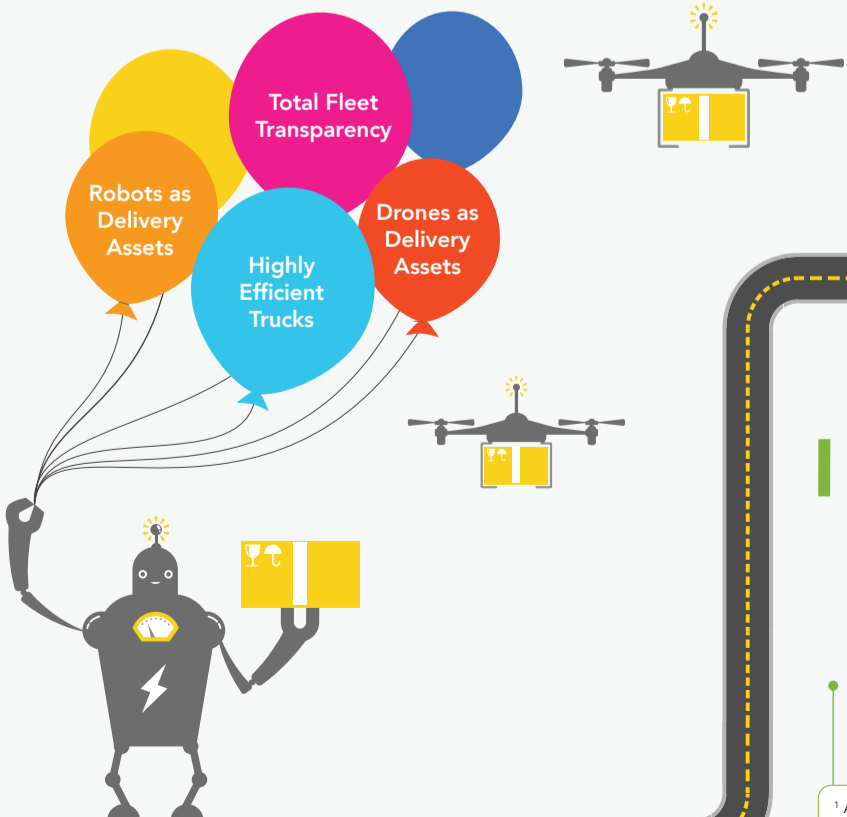
Implementing connected truck technology makes a significant impact on those costs?

- 10-15% Productivity Increase
- 10-15% Overtime reduction
- 20-25% Fuel Expense Reduction
- 5-10% Total Miles Reduction
- 20-30 Minutes Day/Driver Labor Saved
- 15-20% Vehicle Utilization Increase
- 20-30% Vehicle Idle Time Reduction

SMART TRUCKS MAKE FOR SMART FLEETS, IMPROVING:

- Asset/Capacity Mgmt
- Business Analytics
- Delivery Confirmation
- Delivery Windows
- Dispatching
- Driver Performance Pay
- Driver Retention
- Route Optimization
- Safety Monitoring and Mentoring
- Scheduling
- Streamlined Back Office Automation

POSSIBILITIES FOR TOMORROW



www.omnitrac.com



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¹ ABI Research — <https://www.abiresearch.com/pages/ioe/>

² Frost & Sullivan — <http://www.slideshare.net/SathyarayananK/frost-sullivans-global-connected-truck-brochure-about-40-million-trucks-will-be-connected-by-2020>