



GUIDE TO MOBILE SOLUTIONS IN TRANSPORTATION

Telematics and targeted navigation have caused a shift across the transportation industry, particularly in the fleet management sector. See how mobile technology can be used to streamline internal processes, boost operational efficiency and reduce trucking costs.

Setting the Stage

Efficiency is critical in this fast-moving business, where timesavings can make all the difference in profitability:



20–30%

Amount of time a typical line-haul fleet spends idling in one year¹



20%+

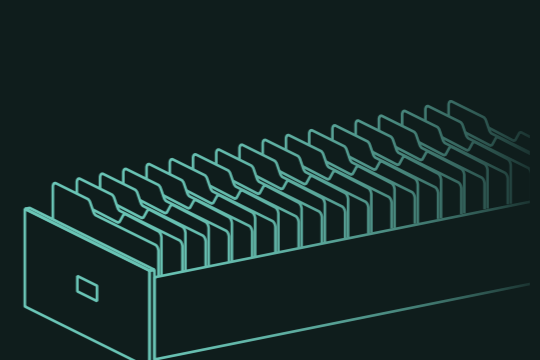
The difference in fuel usage between a good and a bad driver²

Traditional paperwork and data logging takes up a *lot* of time and money:



110 hours/year

Average amount of time truck drivers spend completing paper logbooks³



51 million

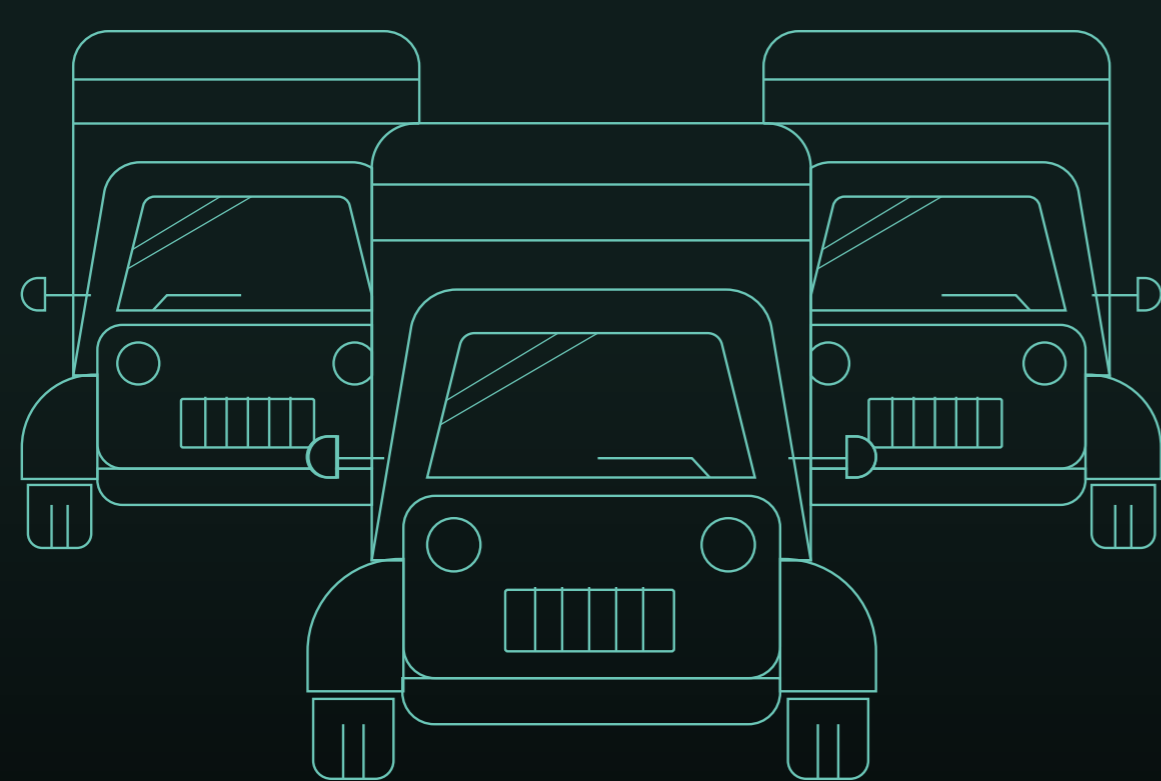
Hours management spends reviewing/storing hard copy log records³



\$63 million+

Total annual cost of paperwork compliance³

But that's all about to change.



3 million truck drivers nationwide must trade paper for electronic logs by the end of 2017.⁴

This exchange will save an estimated 26 lives and prevent 562 injuries per year.⁴

The technologies adopted in fleets will be key.

Using Tablets and Smartphones

Applications:



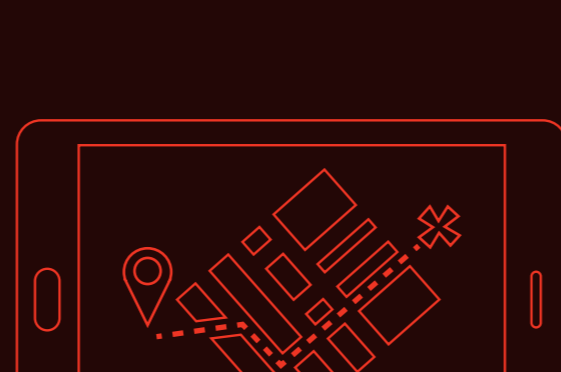
Enable location tracking and alerts



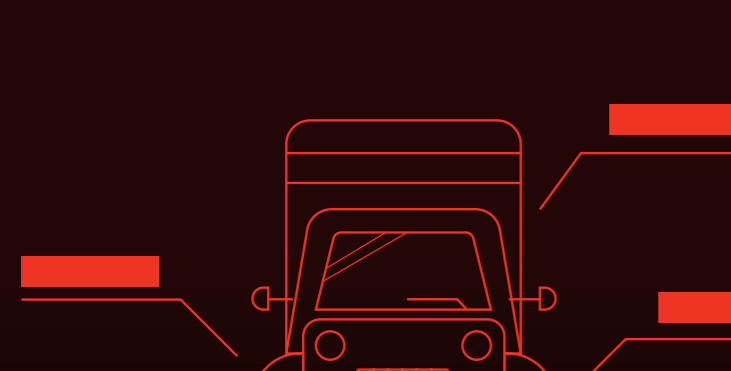
Report and analyze fleet data



Track fuel usage



Optimize routes



Capture vehicle diagnostics



Prevent distracted driving with device "safe" mode

Benefits:

- Easy and immediate logging
- More accurate data
- Increased productivity
- Improved fuel efficiency
- Prevention of paperwork mistakes
- Increased driver safety
- Consistent compliance
- Better dispatch communication
- Data and device security

Samsung Knows Fleet Management

Samsung empowers fleet operators and drivers with new levels of productivity, efficiency and safety with its diverse portfolio of mobile technologies including smartphones, tablets, mobile accessories and apps.

Keep transportation moving with Samsung.

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Sources:

¹ Ways to Cut Idling Costs," *TruckingInfo*, June 2013.
<http://www.truckinginfo.com/article/story/2013/07/7-ways-to-cut-idling-costs.aspx>

² "Protect Your Truck, Trucker & Bottom Line," *Levant Power*.
<http://levantpower.com/trucking/>

³ "Safety: The Trucking Industry's New Frontier," *PeopleNet*, 2009.
https://www.peoplenetonline.com/wp-content/uploads/2014/09/Safety_BP.pdf

⁴ Nate Beck, "Truckers, under rules, must adopt digital logs," *thenorthwestern.com*, December 16, 2015.
<http://www.thenorthwestern.com/story/money/2015/12/16/truckers-under-rules-must-adopt-digital-logs/77398332/>