Existing Systems

I.D. Systems. Have a set of Vehicle Management Systems. Powerleft, AVRamp and Rental Fleet. Intelligent, software-based Vehicle Management Systems (VMS) begin collecting data as soon as an operator logs in to access a vehicle. Once it’s started, the system automatically collects data on exactly how the vehicle is used, providing visibility that allows you to optimize your resources.

http://www.id-systems.com/about-vms/

Book:

Dynamic fleet management: Concepts, Systems, Algorithms and Case Studies

**Dynamic Fleet Management: Concepts, Systems, Algorithms & Case Studies**

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Papers:

1. Planned Route optimization for real-time vehicle routing by Soumia Ichoua, Michel Gendreau and Jean-Yves Potvin
2. Classification of dynamic vehicle routing systems – Allan Larsen, Oli B.G. Madsen and Marius M. Solomon
3. Dynamic and Stochastic vehicle routing in practice – Truls Flatberg, Geir Hasle, Oddvar Kloser
4. A parallelizable and approximate dynamic programming-based dynamic fleet management model with random travel times and multiple vehicle types Huseyin Topaloglu,
5. Integrated model for the dynamic on-demand air transportation operations – Yufeng Yao, Ozlem Ergun and Ellis Johnson
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8. Vehicle routing and scheduling models, simulation and city logistics – Jaime Barcelo, Hanna Grzybowska and Sara Pardo
9. Dynamic management of a delayed delivery vehicle in a city logistics environment – Vasileios Zeimpekis, Minis
10. Real-time fleet management at eCourier Ltd – Andrea Attanasio, Jay Bregman, Gianpaolo Ghiani and Emanuele Manni

Other search terms:

* dynamic fleet allocation
* Dynamic vehicle allocation
* Transportation mathematical models
* Vehicle management systems