GNSS based vehicle tracking

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Introducing ITware Ltd.

- ITware was established in 2001, present in Japanese market since 2008 with various solutions
- Core competency is on-demand custom software development and GNSS based vehicle tracking
- Major software developer for Deutsche Telekom in Hungary
- 100% Hungarian ownership, headquarters in Budapest
- Over 50 expert software engineers
- International projects: Japan, Germany, Finland
Active vs. Passive tracking

- **Passive tracking**: Tracking device stores data (coordinates, speed, heading) which can be later downloaded from it either through cables or wireless means. Mainly this is used in Japan.

- **Active tracking**: Tracking and other vehicle data is transferred immediately to the servers through cellular or satellite networks. This type is used in Europe and the US.

- Active trackers can also store data in case data transfer is temporarily offline

- Active tracking is the future, as real-time data is a fundamental need for cost-effective decisions and quality customer service
Introducing FLEETware

- FLEETware is a GNSS based active tracking software
- ITware developed the first version of FLEETware in 2010 for Deutsche Telekom’s Hungarian subsidiary to track their more than 1500 vehicles
- In 2012 FLEETware was further improved to consolidate it with Deutsche Telekom’s other vehicle tracking systems, and this new platform tracked more than 3000 vehicles
- In 2013 ITware created FLEETware 3.0 with innovative functionality
- 2014: ITware introduced FLEETware as a service in Hungary
- **Success story**: In the last 12 months FLEETware service was contracted by more than 130 new companies
Advantages of GNSS based tracking

Reducing call center costs: Your clients can track the status of their packages and shipments, providing a better customer experience.
Advantages of GNSS based tracking

Reducing fuel costs: Unauthorized trips are easy to filter. Calculate the optimal route for the vehicle and avoid traffic.
Asset protection: Using immobilizer, no unauthorized driver can start the vehicle. Set up alerts for vehicle movement.
Advantages of GNSS based tracking

Safety: Live data enables automatic alerts to show you if something is wrong, and you can act immediately. Overspeeding, temperature is too high for pharmaceutical shipment, the cargo door opened while moving etc.
Avoid inefficient vehicle use: Monitor the key vehicle telemetrics and using the data educate your drivers on how to drive safely and how to increase your vehicles lifespan.
Advantages of GNSS based tracking

**Reduce administration costs:** Generate customized reports, graphs and evaluations. Electronic travel warrants will streamline enterprise workflows as they can easily be forwarded to accounting. Reduce time spent on vehicle database management.
Introducing FLEETware ATP to Japan

With FLEETware Active Tracking Platform anyone can track any device

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What is FLEETware ATP?

- FLEETware ATP is web based software platform to which any GNSS/GSM capable device can be integrated
- You can see all your integrated devices on one user interface in a browser or through our mobile application
- The devices can send tracking and other data from anywhere on the world to FLEETware ATP cloud database
- FLEETware ATP can provide you Big Data for your own use
- FLEETware ATP can be integrated to corporate systems
How does FLEETware ATP work?
Why FLEETware ATP?

• One platform for all your tracking needs
• Active tracking enables fast decision making, reduces costs, increases safety, enhances customer experience

• Don’t need to invest in new devices: Companies already own lots of GNSS/GSM compatible devices, which can be integrated into FLEETware ATP:
  • Smartphones
  • Tracking devices built into vehicles by the manufacturer
  • Personal trackers
  • Pet trackers
Advantages of FLEETware ATP

We licence the most dynamically updated map available on Google Maps.

Access our system from your usual browser:
- Chrome
- Firefox
- Opera
- Safari
- Internet Explorer

Have the information in your hand at any time, anywhere.
• **FLEETware ATP** brings to Japan all the advantages of active vehicle tracking on one platform for all your devices

• Current events:
  • Bringing on board telecommunication companies (Domestic and GlobalSIM cards)
  • Aligning with device manufacturers, car manufacturers (integration of new GNSS/GSM devices into FLEETware ATP)
  • Partnering with Japanese companies for sales and support

• Future development road map concentrates on safety, supporting eco-friendly driving and integration to smart city environments
Thank you for your attention

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