

PRESS RELEASE

Fleet Management Solutions in Waste Management: Overcoming Logistical Challenges

Waste Management is currently facing significant challenges - and more than just an increase in competitive pressure. Whilst waste disposal companies are confronted with higher demands on the one hand, local authorities are strapped for cash on the other. So the name of the game is saving - keeping costs as low as possible. In the case of waste disposal companies, it is the vehicle fleet and personnel that constitute the greatest cost pool. An improved disposal system is essential for using these resources in the most cost effective way, reducing costs and increasing efficiency. Intelligent fleet management solutions, such as those from Advantech-DLoG, are the right approach to meeting all the various demands - from acquiring a location for the vehicles, to navigation and on to order management.

Intelligent Route Planning: The Bedrock of Waste Management

Route optimisation and action planning serve as the central lever for waste disposal companies. The dispatcher must always know where each vehicle is deployed, and what tasks the driver is carrying out, so orders can be processed in the most efficient way. This information is indispensable in situations where an order changes on short notice or when a vehicle happens to break down. Thus, a solution is required through which the dispatcher is informed of the current position of the vehicles by way of a GPS signal. The Advantech-DLoG vehicle terminal TREK-753, for example is equipped with these features and also offers flexible communication channels, such as WLAN, WWAN, GPRS or Bluetooth. This enables the dispatcher to transmit orders to the drivers, which the drivers can then confirm, accept, decline or comment on.

A further basis for more efficient dispatching involves avoiding empty runs and idle time. This allows vehicles to work at a better capacity, thus filling more orders. The TREK-753, for example allows for uninterrupted documentation of the driven routes, enabling the company to examine the potential benefits of combining or dividing up certain routes.

Vehicle Information on Demand

Vehicle breakdowns are always frustrating and often involve huge additional costs. That's why Advantech-DLoG relies on CAN-bus technology for its solutions. This pioneering technology helps with the early detection of costly damage and can help to avoid vehicle breakdowns. The vehicle terminal TREK-753 has a CAN-bus interface that can be hooked up to the vehicle network and can retrieve vehicle data, such as motor condition, mileage and fuel level. The data can be collected within the fleet management system and then processed and presented according to individual requirements. The smart processing of the collected data can result in a substantial reduction to running costs - for example, through reduced fuel consumption and maintenance costs.

Conclusion

The cost of operating commercial and special-purpose vehicles can be reduced with the help of intelligent fleet management solutions, thus increasing the competitive edge of waste disposal companies. The potential savings are huge, and the investment costs are paid off quickly. When choosing the right fleet management solutions, waste

disposal companies should make sure the solutions - such as those from Advantech-DLoG - are flexible and can be adapted to the company's specific needs.

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About DLoG UK

DLoG UK has been supplying software and hardware solutions since 1985 and strategically represents Advantech-DLoG in the UK. DLoG has a strong pedigree in helping companies to operate more efficiently and to maximise their return on investment. Our extensive range of touch screen terminals are used in warehousing, manufacturing and other areas where highly ruggedised devices are required. We work with software partners specialised in their field to deploy leading edge solutions for our customers.

About DLoG GmbH

DLoG GmbH, a member and IMC (International Mobile Computing) center of excellence of the Advantech Group since 2010, was established in 1985 and has made a name for itself as a global player in the field of industrial PC and vehicle terminal solutions for extremely challenging environments - in construction machinery, forklifts, trucks, mining equipment and industrial production. The new brand name of Advantech-DLoG combines the experience and market leadership gained by both companies in the past with the objective of turning Advantech-DLoG into a leading global provider for selected vertical markets such as warehousing, heavy goods management and fleet management. Advantech-DLoG is the byword for cutting-edge sectoral innovation and a high level of quality. Within the framework of a comprehensive support, sales and marketing network, more than 3,600 employees are dedicated to providing swift time-to-market services for Advantech-DLoG's global customer base.

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