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REMOTE MONITORING TO CUT COMPACTOR COSTS

The collection of half-empty compactors should be a thing of the past thanks to a new remote monitoring product devised by New Hampshire Digital Services (NHDS).

Waste Watcher is a small waterproof unit, which sends information such as volume status and fault reporting to a waste contractor, producer and equipment provider's computer or mobile phone. It can be fitted to most new and existing compactors.

Waste Watcher benefits everyone in the waste circle. Once the compactor is full, the contractor is informed via an existing PC or by email or text message and a vehicle can be despatched or re-routed. This cuts down on part-load journeys, improves vehicle movement planning and for recyclable collections where transport costs are recovered through the value of the material collected, it is now possible to ensure lorries are sent to collect full loads only. The producer can be informed too, giving advanced warning that a lorry will arriving on site and ensuring minimum disruption. And for the supplier or maintainer, the system reports and details immediate faults ensuring an engineer is sent, when required with prior knowledge of the nature of the problem and the equipment and parts to fix it.



Waste Watcher has been developed by Derbyshire-based NHDS in partnership with Systematic Servicing Ltd, suppliers of waste equipment and associated services. Nigel Harrison, service manager at Systematic Servicing says: "Our engineers are often called out to a reported fault only to find either power failure or the stop button depressed. Waste Watcher will put an end to wasted manpower, ensure we service machines based on recorded workload and ultimately save costs."

NHDS is the largest supplier of remote monitoring equipment to the UK's electricity supply industry. Its technology is tried and tested monitoring power outage and faults on power lines in some of the remotest parts of the world. Formed in 1991 it is an application-based engineering company providing design and development expertise to the communications sector.

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