



## PragmaTech Waste Solutions Helps the World Go Greener with M2M-Based Monitoring



### CASE STUDY

*“Aeris’ coverage and pricing allows us to offer to our customers a robust and value-priced M2M-based state-of-the-art waste equipment monitoring and diagnostics solution.”*

Mark Vainberg, CTO,  
PragmaTech Waste Solutions

Municipalities, retailers, property management groups, and multiple organizations have to deal with the waste they create. This can be an inefficient and expensive process. The goal for these organizations is to improve waste management services with intelligent web-based systems and an IoT / M2M infrastructure that scales with the business.

### Case in Point: PragmaTech Waste Solutions

Using IoT / M2M-based waste compactor monitoring, the PragmaTech Waste Solutions’ Pandora Intelligent Network tracks the status of waste pick-ups, automatically schedules pick-ups and service calls, tracks

performance trends, delivers service alerts, facilitates proactive maintenance, and rectifies areas of inefficiency. With Pandora, businesses can eliminate unnecessary waste pick-ups, thereby saving money and helping to green the environment. The problem that PragmaTech encountered revolved around the issue of finding an affordable, robust, and easy to integrate M2M solution for deployment with its Pandora platform. However, M2M solutions provided by many carriers and some mobile virtual network operators (MVNOs) made it difficult to create an affordable, easy to implement, yet robust IoT connectivity integration that PragmaTech needed.



## Aeris IoT Solution:

Aeris owns and operates its own network infrastructure for its IoT / M2M services, including all the cellular network infrastructure and service elements. And as a specialist connectivity provider, the Aeris mobile core network was built exclusively for IoT / M2M applications. This allowed Aeris to custom-craft a solution that fit PragmaTech's unique business model, further reducing operational costs. Aeris IoT Services provided the connectivity backbone for the communications capabilities of PragmaTech's state-of-the-art compactor waste monitoring solution in a reliable, robust, and economical manner.

Today, with the backing of Aeris' IoT / M2M solutions, PragmaTech can offer its customers a cost-effective pathway for waste collection and management. Dependable connectivity, along with the lowest total cost of ownership, gives PragmaTech a better position in the North American marketplace, and the company sees ongoing growth in its business with Aeris as a partner.

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PragmaTech-powered waste-collection

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## Customer Benefits



ROBUST, EASY TO  
INTEGRATE M2M  
SOLUTION



CUSTOM-CRAFTED,  
YET COST-EFFECTIVE  
SOLUTION



HIGHER LEVELS  
OF OPERATIONAL  
EFFICIENCY



GREEN SOLUTIONS

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## ABOUT PRAGMATECH LTD.:

PragmaTech is the developer of the advanced Pandora Intelligent Networks® web-based ERP platform designed to support equipment monitoring and diagnostics, service, production, purchasing, sales, and marketing functions within the organization. The key goal of the Pandora platform is to automate business processes, workflows, and interactions between businesses and customer to drastically improve efficiency of operations, thus reducing cost. The Pandora Compactor Monitoring System enables real-time remote monitoring and diagnostics of waste compaction equipment from a desktop or mobile device using integrated secure wireless communications. Our mission is to add value, transparency, and time and cost savings to our customers and suppliers through the use of innovative, affordable technologies that automate and improve the efficiency of systems and processes.

Visit [www.pragmatechltd.com](http://www.pragmatechltd.com) or follow them on Twitter [@PragmaTechWS](https://twitter.com/PragmaTechWS) to see their progress and get in touch with them.

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## ABOUT AERIS:

Aeris is a technology partner with a proven history of helping companies unlock value through IoT. For more than a decade, we've powered critical projects for some of the most demanding customers of IoT services today. We strive to fundamentally improve their businesses by dramatically reducing costs, accelerating time-to-market, and enabling new revenue streams. Built from the ground up for IoT and road tested at scale, Aeris IoT Services are based on the broadest technology stack in the industry, spanning connectivity up to vertical solutions. As veterans of the industry, we know that implementing an IoT solution can be complex, and we pride ourselves on making it simpler.

Visit [www.aeris.com](http://www.aeris.com) or follow us on Twitter [@AerisM2M](https://twitter.com/AerisM2M) to learn how we can inspire you to create new business models and to participate in the revolution of the Internet of Things.

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