

A Clean Start

- Improve waste collection efficiency
- Reduce costs
- Improve customer service
- Improve company image
- Improve fleet management efficiency
- Reduce greenhouse gas emissions

Waste management solutions

Containing challenges

Waste management companies throughout the world face similar issues - increasing customers needs and expectations, regulations, reliability demands, rising costs and an aging workforce - making their executives struggle to find strategies and tools to support the optimal planning, allocation and execution of all types of work, throughout the enterprise. The biggest problems these companies are facing are inadequate manual route planning and inability to verify execution of waste collection operations in real time. These facts lead to poor customer service, constant supervisor-field crew conflicts, poor cost management and uninformed decision making.

Telargo brings waste collection vehicles of all types, including compactors trucks, automated side loaders, grapple trucks, compactor containers, etc. along with your workforce under one centrally managed, automated, operational control. It helps you prioritize better; improves the planning and optimization of routes and schedules; matches resources, parts and tasks; and enables real-time field force and execution management to address changing circumstances. Telargo ensures you meet customer commitments and empowers your company to succeed in today's market environment.

Real-time solution

Telargo also provides waste management companies with tailored solutions such as **Automated container / waste bin recognition** which enables the container to be uniquely identified and therefore associated with a customer or pick-up address which allows introduction of the pay-as-you-pollute principle. **Automated compactor container status** notifications eliminate manual checking of the status and time when to replace or empty big containers which is both costly and a threat to delivering high service levels. **Waste weighing - dynamic charging** enables waste management companies to operate on a pay-as-you-pollute principle with the use of "intelligent waste-weighing-systems". It also causes motivation to set measurements to waste reduction, particularly in commercial and industrial customers.

TELARGO SERVICE FOR WASTE MANAGEMENT COMPANIES

WASTE MANAGEMENT

- Pay-as-you-pollute billing principle - waste wighing
- Efficient customer complaints resolution
- Improved sales planning and customers acquisition
- ERP/CRM integration

PLANNING & OPTIMIZATION



- Service areas optimization
- Fixed consumer routes strategic planning & optimization
- Flexible commercial routes dynamic planning & optimization
- On-the-fly rescheduling
- Fleet size optimization
- Workload balancing

COLLECTION, TRANSPORTATION & DISPOSAL



- Automatic vehicle locating
- Computer aided dispatching
- Communication
- Operational dashboards
- Event notifications / Geofences
- In-vehicle Sensor telemetry
- Productivity device integration
- Automated container identification

BUSINESS INTELLIGENCE



- Reporting
 - Predefined
 - Scheduled
 - Custom
- Analysis
- Workforce performance evaluation
- Data mining

FLEET MANAGEMENT

- Maintenance management
- Workforce management
- RFID app. Management
- Regulatory compliance management
- Safety & security management

FEATURES & CAPABILITIES

PLAN & OPTIMIZE. Our clients are able to redefine the important parts of their operations. By leveraging Telargo's ITS time-dependant traffic patterns database and Resource Scheduler they are able to optimize collection areas, routes and schedules, reduce the number of vehicles, routes and miles travelled as well as increase the number of stops per day. Our clients gain ability to dynamically reschedule part or whole operations in case of out-of-ordinary event, balance workload across routes/days of week and reduce greenhouse gas emissions.

MANAGE OPERATIONS IN PROGRESS. Telargo deploys a range of different sensors in waste collection vehicles and waste containers, supporting our clients with comprehensive location management module that allows them to set up customizable geo-fences and connect all the strings into Telargo's Programmable Logic Controller. Clients are able to program it according to their business needs to receive all kind of event notifications, drastically improving volume and quality of from-the-field information resulting in the ability to act immediately and provide reliable, efficient and customer friendly service, reduced delays (industrial sector) and availability of comprehensive and numerous reports and analyses for better informed decision making.

EXCEL IN CUSTOMER SERVICE. Maintaining high service quality and customer service is a major goal for waste management companies. By minimizing number of trucks driving through communities, efficiently reducing noise and emissions Telargo can build our client's brand image. By increasing operations information availability to customer service department they can respond to customer's information requests more quickly and in a much more informed way resulting in a decline in number of complaints.

BOOST FIELD PRODUCTIVITY. 24/7 automated vehicle locating and comprehensive, sensor telemetry supported event management, produce reliable, accurate and comprehensive operations information. This overall visibility, together with real time voice and/or messaging communications, tremendously improves field force productivity. Telargo solutions help reduce complaints, eliminate unnecessary stops and unauthorized trips, improve driver behavior resulting in reduced fuel consumption and maintenance costs, reduced number of blameworthy accidents and insurance claims.

ENSURE RELIABLE SERVICE. Keeping the vehicles operational is usually a priority. Telargo provides preventive maintenance support based on automatic reminders as well as On-Board Diagnostics based prognostic maintenance support. All this prevents unplanned vehicle breakdowns, minimizes vehicle down-time resulting in reduced maintenance costs. Importantly it increases fleet maintenance status overview and improves service reliability.

MANAGE EXPENSES. Telargo Expense Manager manages the past and current expenses related to the vehicles / equipment and the people responsible for those expenses and enables simplified and efficient expense monitoring. Keeping track of fuel, maintenance, toll and other costs is the key element to gain business transparency and improved cost monitoring.

AUTOMATE AND COLLABORATE. Integration of Telargo Service with the company's ERP, TMS/WMS, legacy and B2B systems or in-vehicle integration of 3rd party productivity devices are both great advantages in achieving enhanced workflow automation and field force productivity resulting in increased number of work orders completed per day per worker and improved first-time resolution rate, lowered costs as well as reduced paperwork.

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TELARGO ArabIT is a certified Telargo Service provider for UAE.

ArabIT General Trading LLC
PO Box 62425
Dubai, UAE

T: +9714-885-2350
F: +9714-885-3598
E: info@arabit.biz

Telargo Inc.
Harborside Financial Center
Plaza 5, Suite 2920
Jersey City, NJ 07311
T: +1 201 938 1000
F: +1 201 938 1002
E: info@telargo.com

www.telargo.com

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