

Digital Services for Community Garbage Collection



Experience the commitment®

Transparent and efficient garbage disposal

In order to remain competitive and reduce operational costs, companies and municipal authorities need to optimize their processes and make complete use of their resources. This applies to local garbage disposal—such as using smart garbage trucks connected through the Internet of Things (IoT) to shorten the disposal process and increase transparency at the same time.

YOUR CHALLENGE

To organize waste disposal routes, planners use established software packages. Yet these solutions do not always simplify processes. On the one hand, route changes cannot be synchronized with drivers' tablets when they are on the road. On the other hand, there is no single convenient solution that allows drivers to document and transmit disruptions and additional or reduced waste quantities. However, such features could bring significant savings.

OUR ANSWER

CGI's trusted digital solution for community garbage collection is easy to integrate and has been designed for your organization's needs:

- **Benefits for route planners**
Easily synchronize routes using your usual planning tool. Routes will be exported to drivers' tablets while they are on garbage collection routes. This enables you to adjust routes on the fly.
- **Benefits for drivers**
This easy-to-use app helps drivers navigate to their next stop. Additional or reduced quantities of bulk garbage are documented by simply pressing a button and taking a picture. Headquarters can also be notified about damaged garbage cans and obstructed access without any problems.
- **Benefits for operational management**
The tablet replaces expensive onboard systems and saves time on documentation. Before every route, the condition of the vehicle is monitored to determine if there is any need for maintenance. Using the CAN-Bus fleet management system (FMS), error reports can be displayed and transmitted instantaneously. The solution also supports the IDENT (common RFID garbage collection) process enabling automated invoicing—upon request in real-time.



KEY BENEFITS

Event documentation

Transmit information (e.g., about obstructed access, damaged garbage cans, discrepancies in collection volumes and other events) to your headquarters—including pictures—in real time.

Compatibility with your systems

Continue using your planning and accounting software. The solution only affects your procedures if you require this intervention.

Individual invoicing

Match your trash cans and garbage quantities with a particular household, and make this data transparently available to customers in the invoice. Send invoices while your truck is on its route. This accelerates your company's accounting.

Tracking

Know where your garbage trucks and lost garbage cans are located at any time.

Financial advantages

Benefit from CGI's existing infrastructure.

- **Benefits for IT departments**

Clients can test drive our solution to quickly discern whether it is the right solution for them and the amount of customization they need.

- **Other advantages**

We customize our system to suit your needs—and your employees' wishes. For example, we include special competitions that have “fun” winner titles. Participants can compete in segments on their routes for best times and largest amount of waste collected.

HOW WE WORK TOGETHER

Our method aligns to your goals. We support you in establishing a customized digital solution, and you benefit from CGI's IoT expertise. In addition to developing the solution, we also conduct IoT workshops and work with you to jointly develop a digital strategy geared to reach your organizational goals.

ABOUT CGI

Founded in 1976, CGI is one of the largest IT and business process services providers in the world. We combine innovative services and solutions with a disciplined delivery approach that has resulted in an industry-leading track record of delivering 95% of projects on time and within budget. As a demonstration of our commitment, our client satisfaction score consistently measures 9 out of 10.

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www.cgi.com
or email us at info@cgi.com.