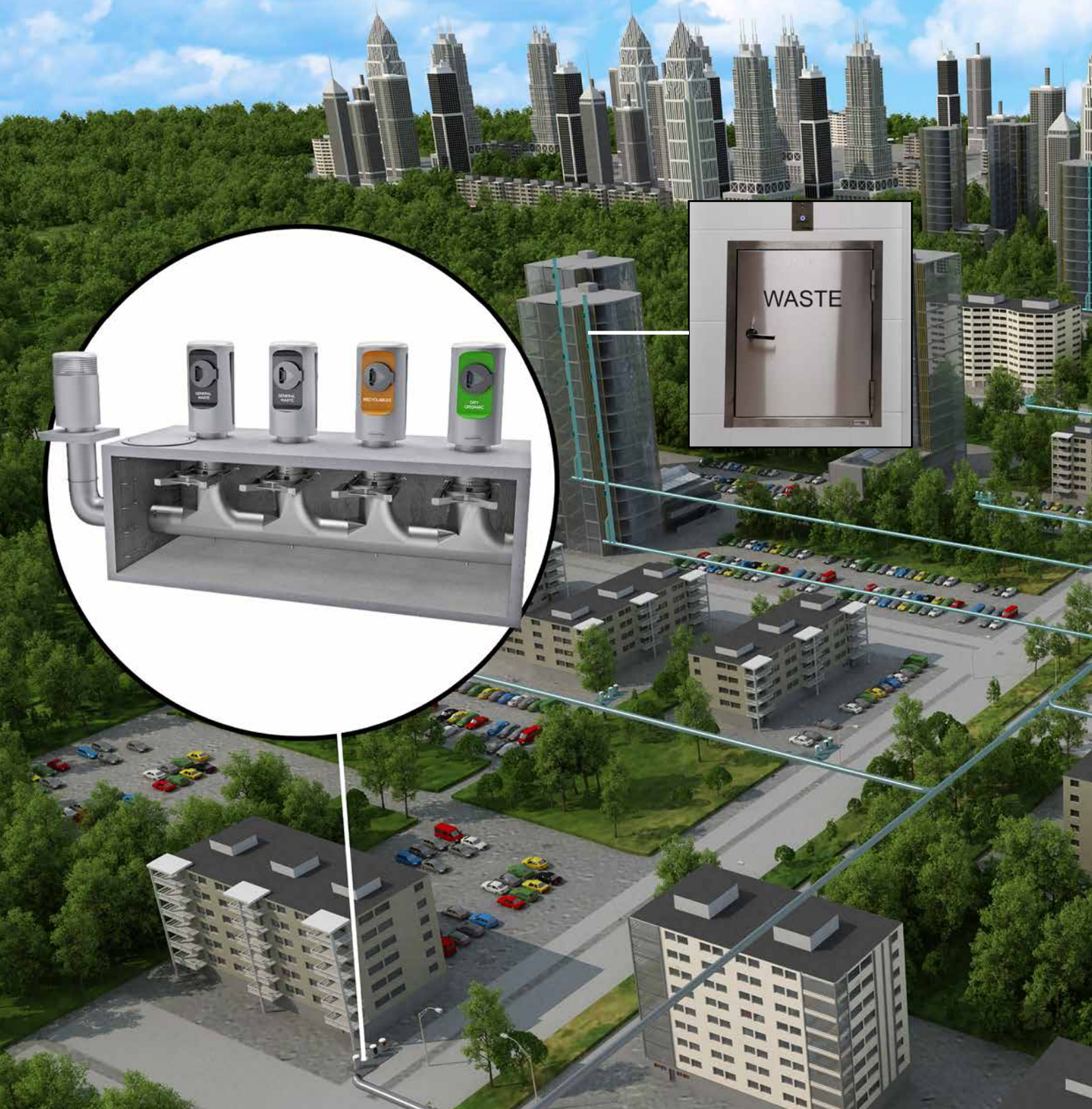




ECOSIR *DROP
& GO™*

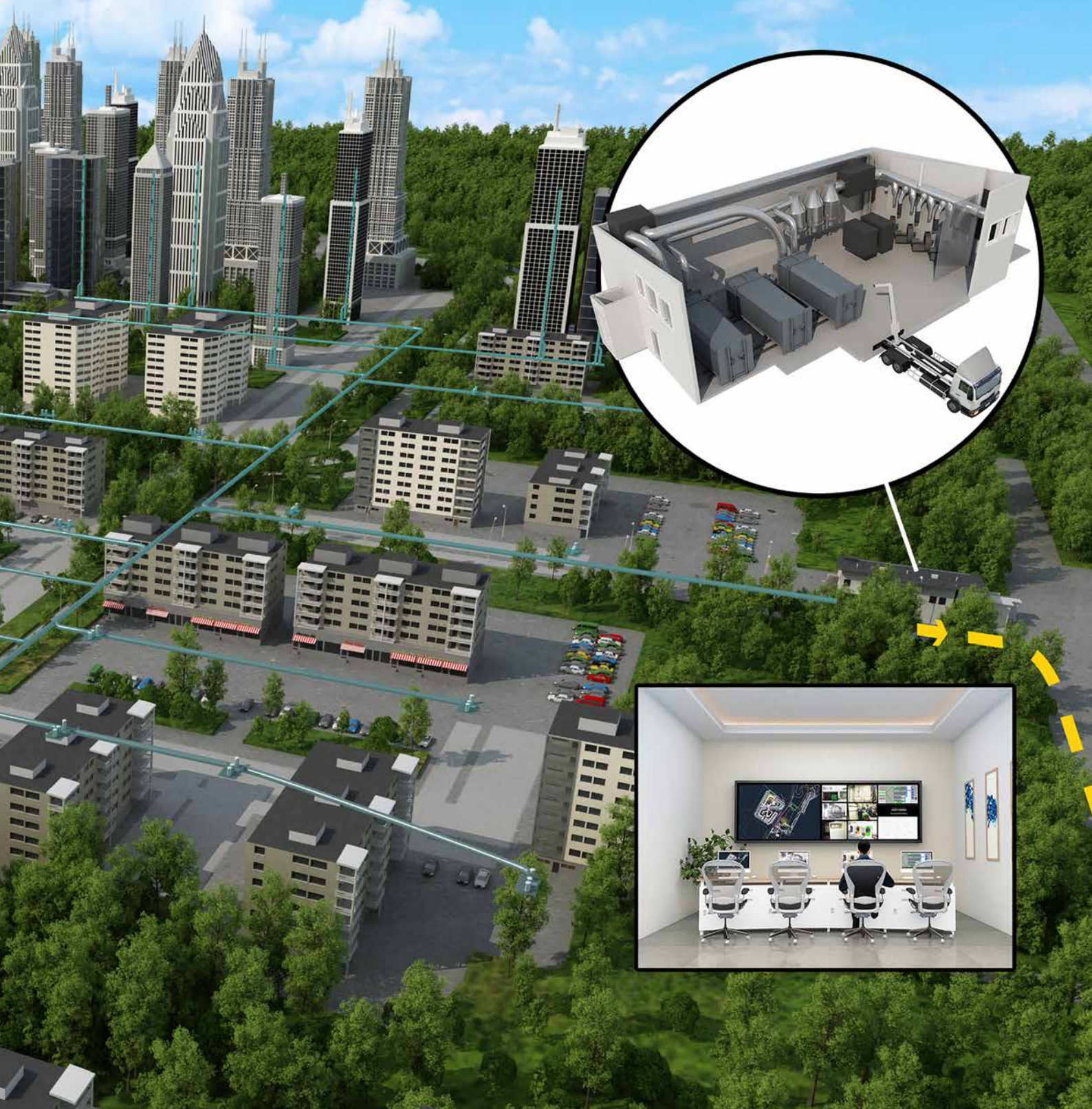
Mastering waste flows in residential areas

with Ecosir
Drop & Go™ System



**Ecosir Drop & Go™
Waste Collection
System Designed
for Residential
Areas**

The proven Drop & Go™ technology is used worldwide in large facilities where hygiene, safety and efficient indoor logistics are vital.



The clean and smart city design requires modern methods to handle and collect waste. The vacuum pipeline collection technology releases free space for green areas at building site and eliminating garbage truck traffic from surrounding streets.

The waste fractions are collected by PWCS vacuum system directly from the waste Drop&Go™ inlets which can be located inside building or outside in the residential area.

Gravity chute solutions streamline vertical collection and keep daily routines smooth in high-rise and large facilities.

Easy & ergonomic

Just drop the waste bag in and the sealed vacuum pipe system takes care of the rest.

Fast & automated

Automated transfer supports infection control and keeps logistics routes clear.

By handling routine transport tasks automatically, the system reduces labour costs and operates seamlessly in the background.

Optimal space usage

Inlets can be strategically located to minimize cross-traffic between people and material flows.

Vacuum pipe and gravity chute systems reduce the need for service elevators and free up valuable building space.

Safe & hygienic

Robust and scalable system built to last throughout the building's lifecycle. Improves hygienic and supports environmental requirements.

Data enables monitoring and optimising workflow.

Drop & Go™ technology makes waste handling effortless, efficient and sustainable.



One direct route to central collection

The gravity chute system moves waste and laundry vertically through a dedicated shaft to a central collection area – simple, robust and cost-effective.



1. Separate streams in one solution: mixed, cardboard, plastic and paper waste to dedicated containers, laundry to carts/boxes – keeping sorting clear and routines consistent.
2. An optional carousel enables multiple fractions/containers for waste, while laundry is directed to its own collection units.
3. Optional shaft washing/disinfection supports hygienic operation and reduces manual maintenance needs.

Optional remote monitoring and data support operational follow-up and reporting.

Gravity waste and linen system

1. Ventilation
2. Gas filtration unit
3. Cleaning and disinfection system
4. Inlets
5. Vertical pipeline
6. Gate valve
7. Deceleration buffer pipeline
8. Horizontal linen conveyor
9. Waste collection unit
10. Control system

Also available with waste crushing system.

Connected Services

Remote monitoring and data for full visibility into your waste and laundry system.

Real-time monitoring

Stay in control of your system at all times

Live status of pipelines, inlets, valves and equipment.

Data & reporting

Turn system data into actionable insights

Track system performance, usage trends and operational efficiency.

Alarms & diagnostics

Detect issues early and act fast

Automatic alerts and diagnostic data support faster troubleshooting.

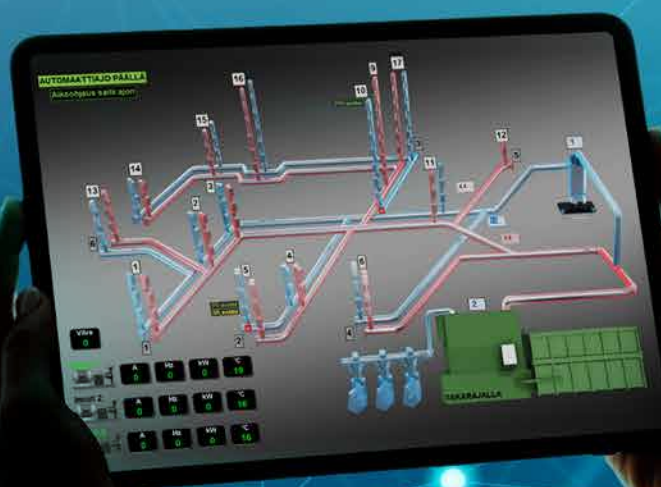
Remote access & integration

Access your system anytime, anywhere

Connect securely and integrate data with external systems such as BMS and analytics platforms.

Full control of your system turns real-time insight into long-term optimisation.

Connected Services gives you the insight needed to improve system performance, support preventive maintenance and make smarter operational decisions.



Service Contract

We keep your system running reliably,
safely and efficiently.

Preventive maintenance

Scheduled service ensures continuous performance and minimizes downtime

- Planned inspections and performance checks
- Component adjustments and condition checks
- Filter replacements and component servicing
- Leak testing, pressure readings and diagnostics

Monitoring & data

Real-time insight supports better decisions

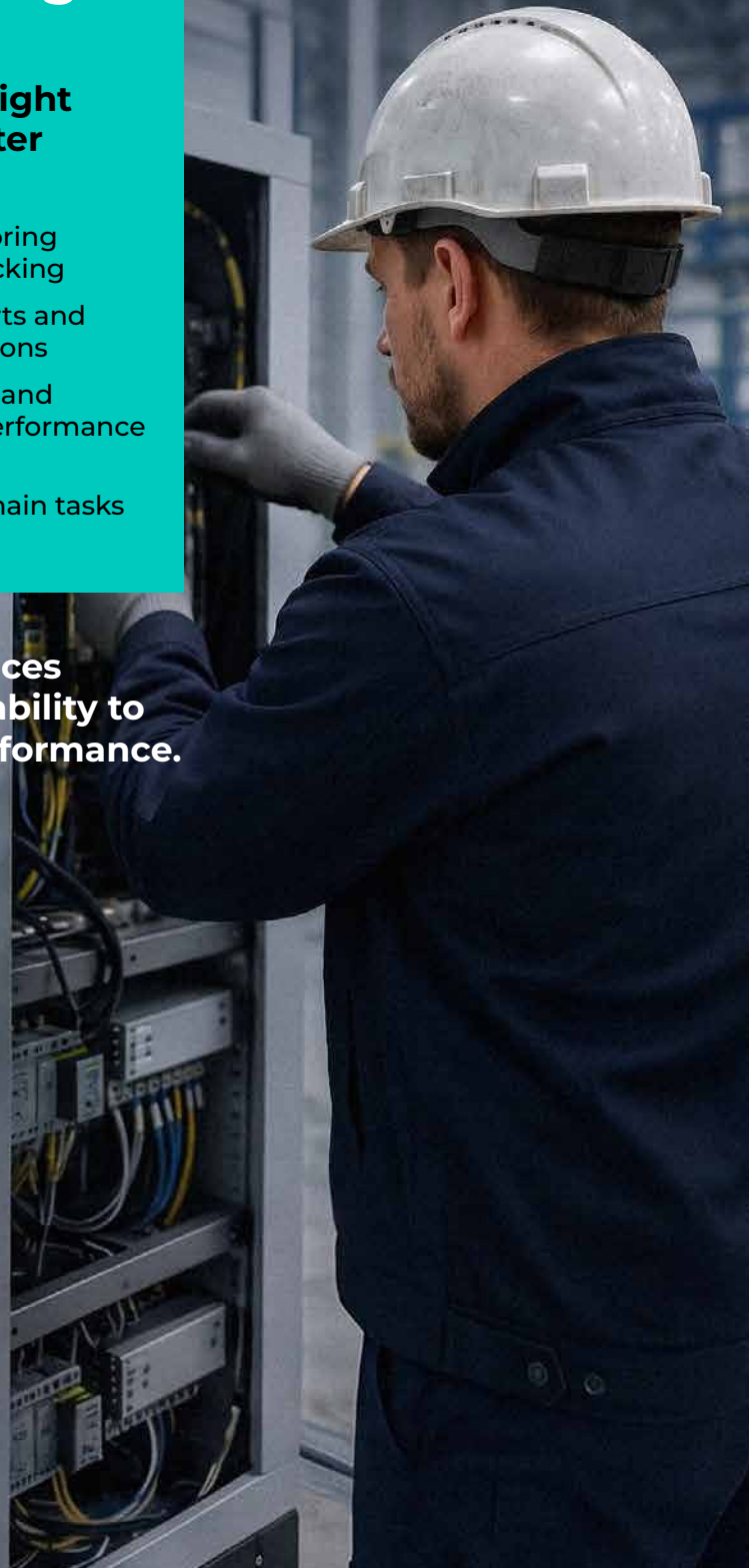
- Remote monitoring and system tracking
- Automated alerts and status notifications
- Data collection and reporting for performance optimisation
- Saves time to main tasks

Support & lifecycle partnership

Expert support throughout the system lifecycle

- Technical support and troubleshooting
- Maintenance agreements and service planning
- Continuous development and optimisation.

Lifecycle services turn daily reliability to long-term performance.



Proven technology, scalable solutions

When waste streams are handled right, people, buildings and business perform better.

Several Ecosir systems are used worldwide in

- university hospitals
- central hospitals
- care centres
- high-rise apartment buildings
- office buildings
- hotels.

Espoo Hospital showcases Ecosir's comprehensive Drop & Go™ portfolio of collection solutions: an automated vacuum transfer system for waste and laundry, a dedicated vacuum-based biowaste collection system, and a gravity chute system equipped with separate waste and laundry carousels and a shaft cleaning system. The overall solution also includes remote monitoring.



Contact us:

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A reliable partner since 1987

- Proven Drop & Go™ technology
- In-house design and consultancy
- Solution-oriented sales and project management
- Worldwide delivery and installation
- Modernisation and maintenance services
- Data for reporting

Headquarters in Espoo, Finland

Partner network in Europe, Asia,
Middle East, Latin America