

REDIN CONTAINER ACCESS CONTROL

Redin is a robust and intelligent access control system, designed to easily adapt to existing containers and bin shelters. Compatible with all brands on the market, it regulates waste access for both residents and occasional users via badge, QR code or mobile app. Weather-resistant and autonomous for more than 6 years, Redin fits perfectly with new equipment or retrofits on already installed container fleets.



BENEFITS



FOR ALL USERS, RESIDENTS OR VISITORS

Name badge, QR code or mobile app: every user (resident, tourist or occasional user) can access the service without restriction. An effective system to combat the uncontrolled proliferation of waste left around containers.



SMOOTH IMPLEMENTATION OF THE INCENTIVE FEE

Each opening is tracked, contributions are measured, and the data can be automatically integrated into local authority invoicing software. This system encourages better sorting and makes users more responsible.



QUICK AND EASY ADAPTATION TO EXISTING FLEET

Compatible with all brands of containers on the market, designed for new installations and retrofits, Redin can be easily integrated into existing containers and shelter enclosures without major modifications, allowing for quick installation by our teams.



SMART WASTE COLLECTION MANAGEMENT

Thanks to Syren platform, Redin offers real-time monitoring: filling statistics, remote management via LTE-M/NB-IoT, and compatibility with our Heywaste remote reading sensors, to optimise routes and reduce costs.

A HIGH-PERFORMANCE ECOSYSTEM

ECOPASS

- ◆ Mobile app for residents, permanent or temporary
- ◆ Replaces access badges
- ◆ Immediate user account activation
- ◆ Can be integrated as a plug-in into city apps

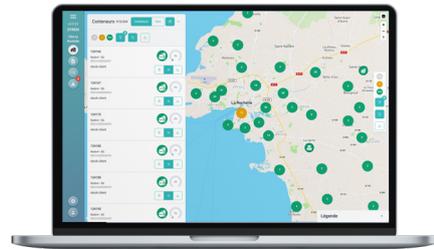
REDIN TECH

- ◆ Mobile app for municipal technicians
- ◆ Retrieves transactions via Bluetooth from offline container sites and updates white lists
- ◆ Locally checks battery and fill levels



SYREN

- ◆ Supervision platform
- ◆ Monitor container drum openings and closings with precision
- ◆ Control container access via badge, QR code or mobile app
- ◆ Efficiently manage billing thanks to data sent to our servers
- ◆ Interoperable with billing software (Tradim, Styx, ATPMG, Gesbac)



TECHNICAL DATA

Battery options: lead-acid, rechargeable or non-rechargeable lithium pack, compatible with solar panels

Operating temperature: - 20 °C/+ 60 °C

Protection rating: IP67 (housing), IP69K (connectors and cables)

Shock resistance: IK08

Resistant to high-pressure cleaning, weather, and direct sunlight

RF : 847 MHz, 895 MHz, 1750 MHz, 1950 MHz

RFID / NFC : 13,56 MHz Mifare / Desfire / I-Code SLI

Autonomy: 3-4 years with rechargeable lithium pack, 5+ years with solar, 6+ years with non-rechargeable lithium pack

Black/white lists management, up to 100,000 badges

Compatible with billing software

Reporting

10,000 transaction memory in case of disconnection

Dimensions: 120 x 90 x 40 mm

Weight: 260 g

Certified product: LTE-M/NB-IoT, CE, RoHS

