

CRTi Cash Redemption Terminal

The CRTi Cash Redemption Terminal is a secure and cost-effective self-service voucher-to-cash converter designed to read barcoded vouchers and dispense coins and notes to match their value.

The CRTi was designed in collaboration with a global player of the recycling industry looking for a safe and convenient solution that would enable their customers to redeem cash immediately upon depositing recyclable waste at their site.

Available as a TTW or Lobby, Consillion's CRTi solution allows recycling providers to completely automate their cash offices:

- Minimising costs and streamlining the pay-out process,
- Eliminating the need to keep large holdings of cash on site,
- Adding extra security to their locations,
- Enabling full control and reporting on cash redemption.



PROCESS AND OPERATION



1. Customers deposit metal at the Collection Point.
2. The deposit is validated and logged in the system.
3. The pay-out amount is keyed in Consillion's proprietary software app and encoded in a single-use QR code voucher.



- 1 Customer goes to the CRTi machine in secure location.



- 2 Customer presents the voucher to the barcode reader.



- 3 Customer receives pay-out in notes & coins.



- 4 A receipt is provided and the voucher is voided.

INSTALLATIONS



TECHNICAL SPECIFICATIONS

Operating System	Windows 10
Display	15" colour LCD touchscreen
Capacity	8 Coin Hoppers - Capacity currency dependent Up to 4 note cassettes + reject
Barcode Scanner	1D and 2D Barcodes
Printer	80mm thermal printer
Safe	CEN-L Equivalent (12mm plate safe) + Key Lock Door switches on both upper cabinet and safe
Supervisor Panel	10.4" colour LCD touchscreen
Dimensions / Weight	1,836 h x 703 w x 1,095 d (mm) / Approx 600Kg Net
Optional	Steel Safety Enclosure, UPS power surge protection

SOFTWARE AND INTEGRATION

Offline Applications	Reporting via local integration into a SQL server.
Online Applications	Full API Integration capabilities as well as off-the shelf cloud-based software solutions to manage QR codes and produce detailed reports on User Transactions.

BENEFITS

COST EFFICIENCY



CASHER FUNCTIONS
FULLY AUTOMATED



SAVE ON STAFF, ADMIN
SECURITY & INSURANCE

RISK REDUCTION



SAFER, CASHLESS
OFFICES AND DEPOTS



CASH HOLDINGS
ARE MINIMISED

PROCESS OPTIMISATION



EASY MONITORING
& RECONCILIATION



HIGHER SIGN-UP
AND RETENTION RATE

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