

# 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

For further information please contact our team on +65 6028 4438 or [salessg@consillion.com](mailto:salessg@consillion.com)