



**YOUR PAYMENT  
SOLUTION PARTNER**

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**FOR FARE  
COLLECTION  
& PARKING**



# CASH MANAGEMENT SOLUTIONS

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**Crane Payment Innovations is built upon the technical heritage and market expertise of our famous brands CashCode, Conlux, MEI, Money Controls, NRI and Telequip.**

We are now one company with one of the world's largest installed bases of payment systems. Our range of products and technologies, not to mention our unmatched customer service and support, combine to bring you benefits that will make a real difference to your business. From compatibility with every coin and note to real cost-saving efficiency, we offer total cash management solutions to meet the needs of every customer.

## **CRANE CO.**

**CPI is part of the Payment and Merchandising Technologies segment of Crane Co., a diversified manufacturer of highly engineered industrial products (NYSE:CR). With a heritage that reaches back over 160 years, the company now has around 11,000 employees working in over 150 locations across 26 countries. In addition to payment and merchandising technologies, its business segments include aerospace & electronics, engineered materials, and fluid handling.**



# MARKETS THAT NEVER STAND STILL

Cash management solutions in the transport and parking market must be reliable and easy to use, but beyond that, the requirements will always depend on the locality and the specific application. Only a supplier with the widest range of technologies and expertise can hope to offer a solution fit for every scenario and in every corner of the globe.

As the world's leading provider of money handling technology, CPI offers the most comprehensive portfolio of cash management solutions in the transport and parking industry. From note validators and recyclers to a variety of different coin products, customers can be confident that our solutions are robust and efficient, and that they will deliver the ROI that makes a big difference to business.

## THIS IS SUPPORTED BY THE CPI VISION:

To be the global leader in currency validation and cash management systems, delivering innovative solutions that enhance our customers' profitability.

# NOTE RECYCLERS

## BNR ADVANCE™

The BNR Advance is the ideal bank note recycler for use within the transport market because it offers a secure, reliable, modular and compact solution. Globally trusted with a robust build, it has a proven track record in applications as diverse as metro, high speed rail, toll and parking.

### MAIN MODULE

- Dedicated full multi-note escrow (up to 15 banknotes)
- Improved BNR Advance Main Module reduces maintenance costs when used in harsh environments
- Compact consumer zone for ADA/DDA machine design compliance

### CASH BOX

- Lockable, removable and durable cashbox
- Banknote capacity of 600 or 1,400
- Stores non-recycled banknotes, overflow and end-of-day cash
- Electronic memory for ID and content

### LOADER CASSETTE

- Up to 250 banknote capacity for start-up loading or negative float
- Lockable and removable
- Electronic memory for ID and content
- Adjustable replenish float level of recycler

### DUAL RECYCLER MODULES

- Recycles up to four denominations
- Each lockable dual recycler module has one 30-note and one 60-note recycler
- Software configurable to customise unit to application



**IDEAL FOR FARE COLLECTION**

It is often necessary to both accept and dispense cash from a machine – for example, in AFC ticketing scenarios. Closed-loop note recycling delivers big benefits in these instances, as the amount of float tied up in the machine is greatly reduced and the amount of time between cash collections is increased. Our note recyclers consistently deliver a positive ROI in under a year.

## SCR ADVANCE™

Built upon the highly successful SC Advance™ technology, the SCR Advance banknote recycler delivers a highly reliable and compact banknote recycling solution that provides a groundbreaking and affordable payment option. Making life more convenient for users whilst reducing downtime and increasing profitability for operators, the SCR Advance banknote recycler presents an outstanding alternative to traditional cash payment solutions.

- Based upon the successful and reliable SC Advance technology
- Rapid in-field repair time due to its modular design
- Global noteset availability
- Excellent consumer interface facilitating rapid end-user transactions
- Suite of APIs to enable rapid integration

### ANTI-SKEW ACCEPTOR HEAD

- Single note-in / note-out slot for ADA/DDA machine design compliance
- Fast banknote insertion speed
- Consistently high first time acceptance rate

### RECYCLERS

- Recycles up to four denominations
- Two 60-note recycling drums
- Single- or Multi-note escrow options

### CASHBOX

- Lockable, removable and durable with 600-note or 1,200-note capacity

### SECURITY

- Mechanical security with anti-stringing protection
- ‘Door open’ detection even when powered down
- Entrance/exit sensors ensure accurate accounting

**IDEAL FOR PARKING**



# NOTE VALIDATORS

## BNA6 ADVANCE

The BNA6 Advance note validator is designed specifically for use in busy environments that require high security and a large capacity, secure cashbox. It is ideal for automated fare collection, toll systems, and pay on foot parking systems.

- Advanced optical recognition technology for high security
- Fast transaction time reduces queues
- Dedicated full multi-note escrow (up to 15 banknotes)
- Unrivalled reliability and low cost of ownership
- Compact consumer zone for ADA/DDA machine design compliance
- Rugged cashbox designed for harsh environments
- High capacity lockable cashbox - 1,400 or 2,400 banknotes
- Freefall (stackerless) design version available

**IDEAL FOR HIGH THROUGHPUT**



## EASILINK BNA5 - BNA6 CONVERTER

EasiLink BNA is a hardware and software solution designed to facilitate the use of BNA6 in existing BNA5 applications. The EasiLink protocol converter allows simple and convenient upgrades to our latest BNA technology with minimal integration work.

- Simple and convenient upgrade of BNA technology
- Bezel dimensions are the same
- Expert integration support
- Full software package included

**IDEAL FOR BNA5 UPGRADE**

## SC ADVANCE™

Featuring enhanced recognition technology and faster note-to-note speed, the SC Advance note validator offers four cashbox options to ensure the best fit for your application. Additional product enhancements can add functionality to this note acceptor resulting in a tailored solution for your individual needs.

- High note acceptance of over 98%
- Under 2.5 seconds to stack
- Global noteset for over 100 countries
- Low jam rate creating more machine up-time
- A variety of options for bezels and note widths
- Multiple serial protocols and USB interface
- Low maintenance costs equal higher revenue

**IDEAL FOR  
CUSTOM  
SOLUTION**



## MSM

The MSM backload multi-width note validator is designed to meet the needs of high volume, automated self-service parking solutions, both on-and off-street. This unique design allows operators to mount the unit directly on the door or using a hinge bracket, in up-stack or down-stack position.

- 98% first-time insertion acceptance rate on street grade or new banknotes
- Low energy mode - ideal for on-street parking and solar power applications
- Secure lockable-removable cassettes available in 300, 500 or 1,000 banknote capacities
- Four-way note insertion
- Complete transport cycle of only 2.5 seconds
- High impact resistant cash vault
- Durable metal chassis, vandal resistant bezel and coated boards for outdoor applications

**IDEAL FOR  
OUTDOOR**



# COIN VALIDATORS

## FALCON™

The 3.5" v<sup>2</sup> falcon coin validator is designed to be the fastest free-falling validator without sacrificing reliability.

- Special free-fall design for minimum machine downtime
- High acceptance speed & short transaction times
- Superior coin validation using unique Multi-Frequency Technology



## COLIBRI™

The 3.5" v<sup>2</sup> colibri coin validator is versatile with a wide selection of models, interfaces and sorters available.

- Optical system designed to monitor the coin path for high security
- Superior coin validation using unique Multi-Frequency Technology



## EAGLE™

The 5" v<sup>2</sup> eagle coin validator comes with choice of integrated 4- or 5-way sorting.

- Anti-jam sensor for fast coin insertion
- Superior coin validation using unique Multi-Frequency Technology



## PELICANO™

The v<sup>2</sup> pelicano coin validator is an ideal solution for when bulk coin input is required, such as toll road fare collection.

- Incorporates 2 coin systems in one chassis: bulk coin feeder handling up to 20 coins and a coin acceptor
- User-friendly coin input





# COIN CHANGERS & DISPENSERS

## CASHFLOW® 7000 SERIES

The CashFlow 7000 series is the smart choice for coin management, with unique tracking and diagnostic capabilities that gives operators the tools and business information they need to better manage their cash and increase profits.

- Dispenses 5 denominations of surplus coins and identifies when replenishment is needed
- Provides change for high value bills when working in conjunction with a bill validator / recycler



## UNIVERSAL™ HOPPER

The Universal Hopper offers unrivalled performance, reducing operator costs while offering a large coin capacity.

- Suitable for majority of global coin sets and sizes
- Up to 1,200 €1 coins, 950 £1 coins, or 1,500 US 25¢ coin capacity
- Secure payout of up to 3 coins per second



## COMPACT HOPPER

The Compact Hopper has a small footprint and large capacity, making it ideal for many applications including retrofit.

- Single or Stream mode payout, at a rate of up to 8 coins per second with side, rear or front exit
- Wide range of bowl options
- Global field-proven reliability



# COIN RECYCLERS & INTEGRATION

## CLS

Noted for its high speed and compact format, the CLS Coin Recyclers built-in security features ensure coins are protected, reducing shrink. By automating coin handling, the CLS Coin Recycler offers operations a cost-effective way to offset rising labor costs through reduced shrink and improved staff productivity, while improving transaction speed for customers.

- Fast bulk coin loading improves operational efficiency
- High capacity hoppers require fewer refills
- Double-locking fully enclosed system secures the coins and minimizes shrink



## BCR

In one single module the Bulk Coin Recycler (BCR) offers proven coin handling; accepting customers' coins in bulk, sorting to individual coin hoppers and providing change at the end of a transaction. This coin recycler offers a minimum coin-in to coin-out height, is ADA and DDA compliant and is available for almost all the world coins.

- The Compact Hoppers in this coin recycler hold up to 400 €1 coins, minimizing the need for refilling
- Detailed audit data provides comprehensive records of coins in and out
- Lock options prevent access to the coin hopper bowls
- Auto-jam detection and clearance means this coin recycler can cope with most issues without the need for manual attendance

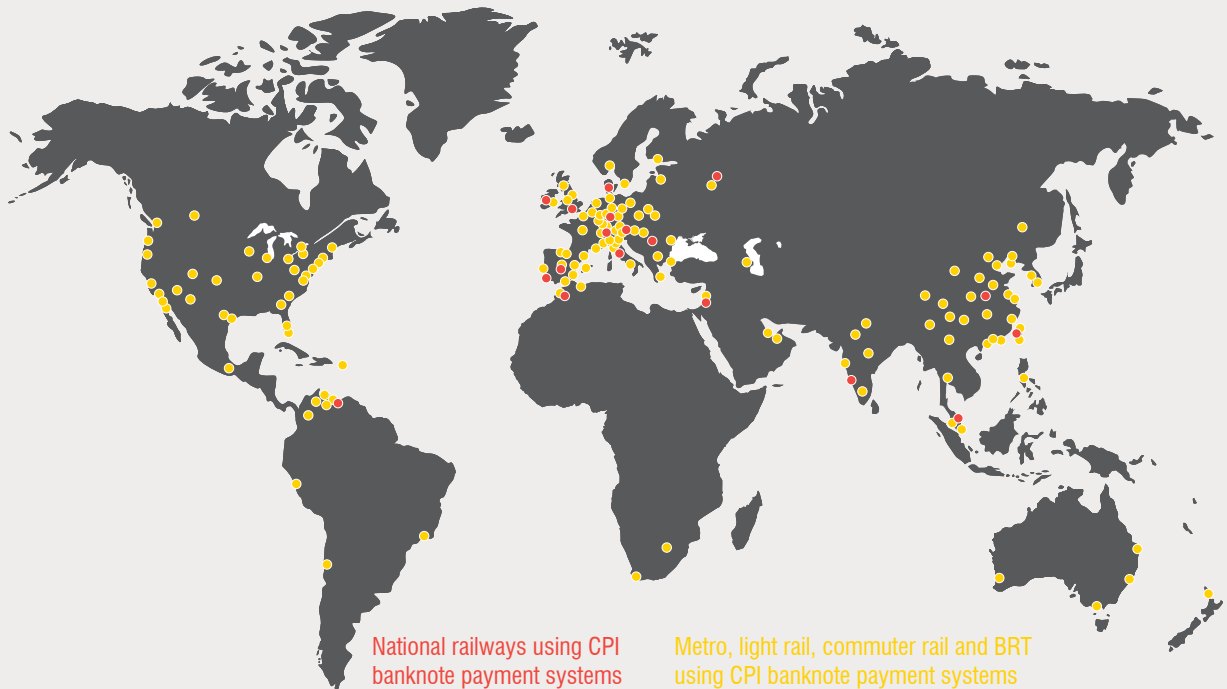


## PAYLINK™

The PayLink integration module allows the connection of a range of payment peripherals such as coin and bill products and hoppers, which may all be driven using one or more industry-standard protocols, such as ccTalk™, MDB and ID003.

- Designed for use with USB-enabled PCs
- Enables simple and fast connection of a range of other units such as buttons, switches, status LEDs, lamp drivers and serial meters
- Highly secure interface

# GLOBALLY TRUSTED TECHNOLOGY



Plus many thousands of cash management solutions deployed in parking across more than 60 countries.

## WHY CHOOSE CPI?

CPI is a global company that offers the advantages of international operation and local market expertise. The result is a total cash management solution for all kinds of transport and parking operators wherever they are located in the world. We are about more than just our products, as our teams of cash management experts are always available to ensure our technology is implemented properly, and our customers receive the support they require whenever they need it.

- Global Transport & Parking experts
- Partnership approach
- Software API & CAD drawings available
- On-site integration expertise
- Honest product selection advice

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Information is subject to change without notice. CPI has made every effort to assure that the information in this document is accurate. However, we cannot be held responsible for any errors or omissions.

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