

COMPLETE CASH MANAGEMENT SOLUTIONS

for transport & parking



CRANE PAYMENT INNOVATIONS

CranePI.com

CASH MANAGEMENT SOLUTIONS



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. With a heritage that reaches back over 150 years, the company now has around 11,300 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.

THE 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 acceptors 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

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.

BNR (Bank Note Recycler)

The BNR is widely used within the transport market because it offers a secure, reliable, modular and compact banknote recycling solution. With its unique Swiss design and robust build, it has a proven track record in applications as diverse as metro, high speed rail, toll and parking.

Cashbox

- Lockable, removable and durable cashbox
- Banknote capacity of 600, 1200 or 2400
- 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

- Each lockable dual recycler module has one 30-note and one 60-note recycler
- Software configurable to customise unit to application
- Configurable to recycle up to four separate denominations
- Multi-note escrow (up to 15 banknotes)

Ideal for Fare Collection



SCR

Built upon the highly successful SC Advance technology, the SCR 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 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

Cashbox

- Lockable, removable and durable with 600-note capacity

Recyclers

- Two 60-note recycling drums
- Multi-note escrow
- Recycles up to two denominations

Security

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

Ideal for Parking



NOTE ACCEPTORS

BNA

The BNA6 note acceptor 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
- Multi-note escrow for customer convenience
- Unrivalled reliability and low cost of ownership
- Rugged cashbox designed for harsh environments
- High capacity lockable cashbox - 1200 or 2400 banknotes

Ideal for High Throughput



SC Advance™

Featuring enhanced recognition technology and faster note-to-note speed, the SC Advance note acceptor 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 Tailored Solution



CashCode one™

The CashCode one versatile note acceptor is offered in one universal design regardless of country, currency, mounting or protocol, helping reduce logistic and inventory costs.

It offers value added product configurations and extensions without major hardware upgrades. In turn, this helps operators to improve their operation and the customer's first-hand experience.

- 98% first-time acceptance rate
- Advanced sensor technology scans both sides of the note
- Self-centering transport guides
- Metal bezel and coated boards for outdoor applications
- 600 or 1000 banknote cashbox

Ideal for all Currencies



MSM

The CashCode MSM backload multi-width note acceptor 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 1000 banknote capacities
- Four-way note insertion
- Complete transport cycle of only 1.7 seconds
- High impact resistant cash vault
- Durable metal chassis, metal bezel and coated boards for outdoor applications

Ideal for Outdoor



COIN ACCEPTORS

While our coin payment solutions come in many shapes and sizes, our commitment is to provide you with the most reliable and best suited product for your application - from dispensers and changers to acceptors and recyclers.

Falcon™

The v² falcon coin acceptor is a 3.5" format coin acceptor that is designed to be the fastest free-falling acceptor without sacrificing reliability.

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



Colibri™

The v² colibri coin acceptor is a versatile 3.5" format coin acceptor with a wide selection of models, interfaces and sorters available.

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



Eagle™

The v² eagle coin acceptor is a 5" format coin acceptor with choice of integrated 4- or 5-way sorting.

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



Pelicano™

The v² pelicano coin acceptor is an ideal solution for when bulk coin input is required, such as toll road fare collection.

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



COIN CHANGER

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 acceptor / recycler



COIN DISPENSERS

Universal Hopper

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

- Suitable for most 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 three 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
- Range of bowl options
- Field-proven reliability



COIN RECYCLERS

CPI also has several coin recyclers in its portfolio. The CR and BCR are equipped with 4 to 6 high-capacity coin hoppers and feature high-speed bulk coin input, a fast payout and auto-jam detection and clearance.



INTEGRATION

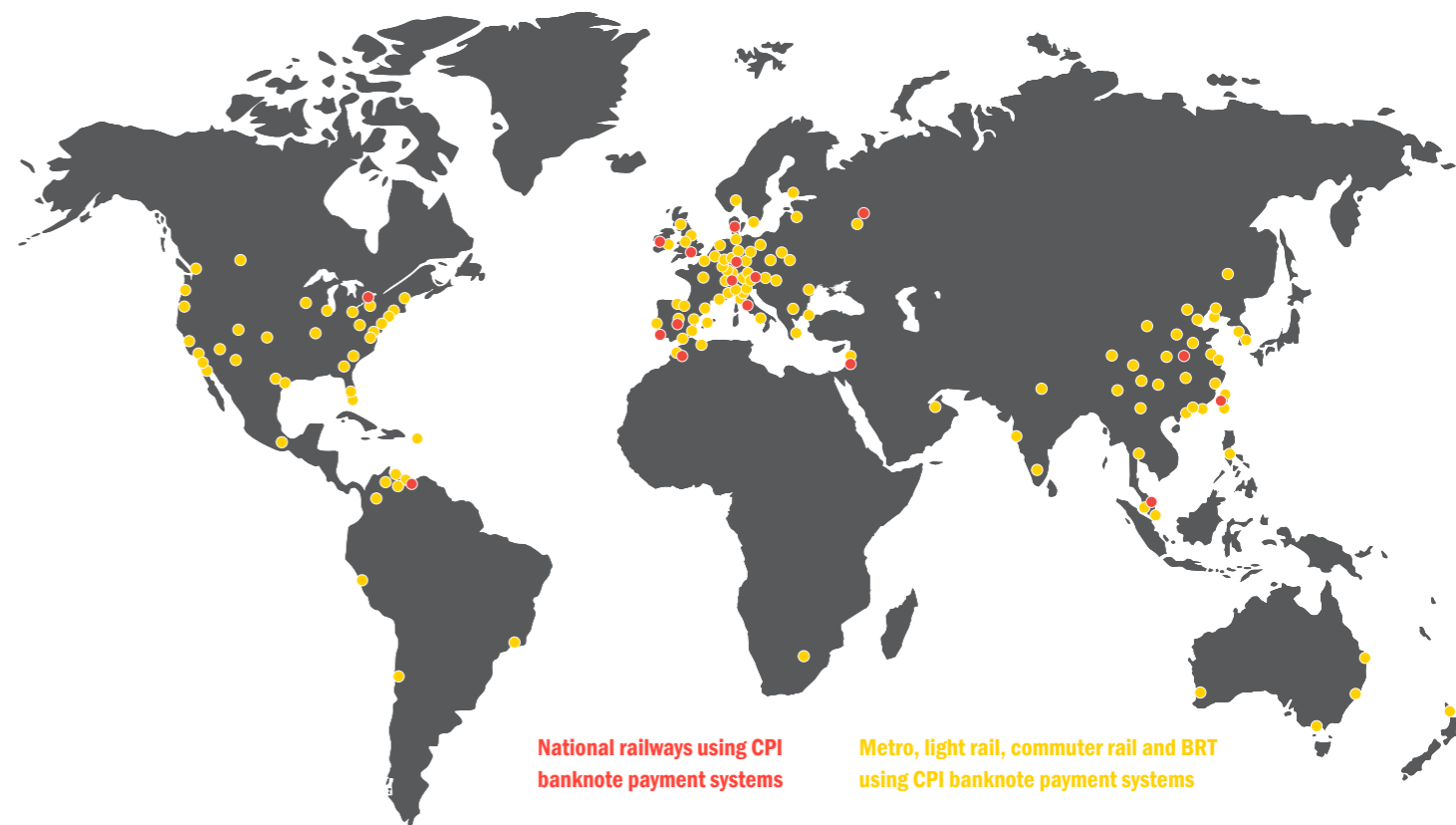
PayLink™

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. It enables simple and fast connection of a range of other units such as buttons, switches, status LEDs, lamp drivers and serial meters, and with its serial printer support, rapid implementation of thermal ticket applications via standard interfaces is also possible.

- Designed for use with USB-enabled PCs
- Includes software for easy implementation in host application
- Highly secure interface



TRUSTED TECHNOLOGY



National railways using CPI banknote payment systems

Metro, light rail, commuter rail and BRT using CPI banknote payment systems

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.

© 2015 Crane Payment Innovations, Inc.
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.



CranePI.com

CRANE PAYMENT INNOVATIONS

Corporate HQ

3222 Phoenixville Pike, Suite 200
Malvern, PA 19355
USA

Tel: +1 610 430 2700
Fax: +1 610 918 8898
Email: sales@cranepi.com

Transport Global HQ

Chemin du Pont-Du-Centenaire 109
Plan-les-Ouates, PO Box 2650
1211 Geneva 2, Switzerland

Tel: +41 0 22 884 0505
Fax: +41 0 22 884 0504
Email: sales@cranepi.com

China

Room 603, Zhuoyue Building
Fu Hua One Road No. 98
Futian District, Shenzhen, 518048, PRC

Tel: +86 755 82028032
Fax: +86 755 82029491
Email: sales@cranepi.com

United Kingdom

Coin House, New Coin Street
Royton, Oldham
OL2 6JZ United Kingdom

Tel: +44 (0) 161 678 0111
Fax: +44 (0) 161 626 7674
Email: sales@cranepi.com

Australia

Unit 41, Slough Business Park
No. 2, Slough Ave Silverwater
Sydney, NSW, 2128 Australia

Tel: +61 (0)2 8014 2900
Fax: +61 (0)2 9737 9392
Email: sales@cranepi.com

