

GLORY



# CASHINFINITY™ CI-X SERIES

Connecting your cash  
processes

# CASHINFINITY™

## AN INNOVATIVE SOLUTION FOR THE RETAIL INDUSTRY

While improving efficiency and cost reductions remain top-of-mind for retailers, there are also compelling reasons to transform the in-store experience in order to remain relevant and gain advantage in today's competitive world.

**CASHINFINITY** brings previously siloed elements of the cash journey together to deliver a joined-up result.

With disparate processes now operating in harmony, the results are organisation-wide efficiencies, cash safety, enhanced ROI and opportunities to drive new revenue streams through enhanced staff productivity.

**Process efficiency, security, hygiene and managing queues are all unique challenges; what would it be worth to your business if these challenges could be solved?**

**CI-X SERIES  
IMPROVES CUSTOMER  
CONVENIENCE AND  
STORE EFFICIENCY,  
WHILE MAINTAINING  
CASH TRANSACTION  
FLOW, SECURITY  
AND SIGNIFICANTLY  
IMPROVING CASH  
MANAGEMENT  
ACCURACY.**







## CASH MANAGEMENT SOFTWARE

Optimises cash handling activities throughout the front and back office. Allows store managers to receive real-time device updates, status information and manage devices remotely.

## BACK OFFICE SOLUTION

CI-X back office solutions enable a multitude of flexible operational processes to be implemented, allowing staff to focus on other activities that improve customer experience and drive growth for your business.

## FRONT OFFICE SOLUTION

Removes the need for staff to handle cash at the point-of-sale. Automating cash handling minimises the risk of errors and shrinkage while enhancing staff productivity and customer service.



# FRONT OFFICE SOLUTION

## The right solution for any store or cash automation requirement

- With a renewed design that enhances operability for staff and customers, the CI-10X cash recycling solution removes the need for staff to handle cash at the point-of-sale.
- Automating cash handling minimises the risk of errors and shrinkage while enhancing staff productivity and customer service.
- Verification is performed within the device, with no cash exposure.



**Introduce automated cash payments as a simple, fast, self-operated process, that delivers accuracy, efficiency and safety to the customer experience.**



- “Follow me” LED guidance for deposits
- LED reminder for dispense
- Bulk deposit and dispense for quick operation
- Banknote alignment function in the inlet, to avoid feeding errors
- Fast and accurate cash transactions
- Efficient connections with your partners
- Efficient collection with safe bag
- Reduce collection operations with auto-refill cassettes
- Supports cassette interface with back-office solutions
- Efficient connections with your partners
- Encryption interface for enhanced data security
- Coin auto-refill to reduce replenishment time / cost



# BACK OFFICE SOLUTION

## Save time and increase back-office efficiency

- Back-office cash recycling solutions accelerate back-office cash processes in high-volume cash locations.
- Delivering increased productivity for your staff and reducing the risk of cash shrinkage, back-office cash recycling allows staff to focus on higher-value activities, that improve customer experience and drive growth for your business.



**A secure cash management system that improves back-office efficiency, reduces cash exposure and enhances connections with banks and CIT partners.**



- Direct coin dispensing into manual cash drawer
- Extra large recyclable banknote capacity
- Auto verification
- Separate door for CIT partner access
- Closed-loop solution with front-office devices (specific software required)

# CASH MANAGEMENT SOFTWARE

Efficient and accurate cash management provides centralised remote management of device status in real time

## Centralised management:

- Real-time sales and cash flow
- Consolidated “End of Day” across all devices
- Various cash processing reports
- Flexible layout of dashboard
- Remotely manage all devices
- Real-time device status e-mail notifications
- Simulating function for next action
- CI-Connector provides a flexible communication function



# CONNECTING YOUR CASH PROCESSES

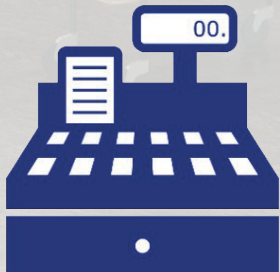
## CI-SERVERX | SYSTEM STRUCTURE



CI-SERVERX

FRONT OFFICE

BACK OFFICE



CI-10X

CI-10BX/CI-10CX



CI-100X

CI-100BX/CI-100CX



CI-300X



CI-300BX/CI-100CX



CI-500X

CI-500BX/CI-100CX

# SPECIFICATIONS – FRONT OFFICE SOLUTION



FRONT OFFICE		
		CI-10BX
		CI-10CX
		
		
Number of recycle modules		4 recycle modules
Capacity		100 notes / recycle <sup>1</sup>
		<b>Collection:</b> 300 notes <sup>1</sup> (interface cassette type) 450 – 360 notes <sup>1</sup> (collection cassette type) 450 – 320 notes <sup>1</sup> (safe bag type)
Total capacity of banknotes/coins		700 notes <sup>1</sup> (interface cassette type) 850 – 760 notes <sup>1</sup> (collection cassette type) 850 – 720 notes <sup>1</sup> (safe bag type)
Processing	Deposit	<b>Capacity of inlet:</b> 30 notes <sup>1</sup> <b>Speed of cash in:</b> 3 notes / sec <sup>1</sup>
	Dispensing	<b>Capacity of outlet:</b> 10 notes <sup>1</sup> <b>Speed of cash out:</b> 3 notes / sec <sup>1</sup>
		<b>Capacity of inlet:</b> 50 coins <sup>2</sup> <b>Speed of cash in:</b> 5 coins / sec <sup>2</sup>
		<b>Capacity of outlet:</b> 50 coins <sup>2</sup> <b>Speed of cash out:</b> 4 coins / sec <sup>2</sup>
Dimensions (W x D x H)		240 x 485 x 750 – 760mm (9.4" x 19.0" x 29.5" – 29.9") <b>with slide extension unit and spacer M</b> 240 x 485 x 820 - 860 mm (9.4" x 19.0" x 32.3" – 33.9") <b>with slide extension unit and spacer L</b> 240 x 485 x 870 – 960 mm (9.4" x 19.0" x 34.3" – 37.8") Height can be adjusted
Weight		58.2 kg / 128 lbs <b>with spacer M :</b> 64.9 kg / 143 lbs <b>with spacer L :</b> 67.4 kg / 148 lbs Collection cassette type including cassette

1. Dependent on banknote quality. Capacities are for reference only and are not guaranteed. 2. The capacity of coins is calculated in 10 EURO cent.

Specifications are subject to change without notice. Please read the instruction manual carefully to ensure correct equipment usage. All figures, capacities and speeds quoted in this brochure are as tested by GLORY LTD. They may vary depending on usage conditions and are not guaranteed.





# SPECIFICATIONS – BACK OFFICE SOLUTION

BACK OFFICE		
CI-100BX		CI-100CX
		
Number of recycle modules	4 modules	8 recycle stackers
Capacity	2,400-2,000 notes <sup>1</sup> (600-500 notes <sup>1</sup> /modules) 500 EURO 500 notes <sup>1</sup> 200 EURO 520 notes <sup>1</sup> 100 EURO 520 notes <sup>1</sup> 50 EURO 520 notes <sup>1</sup> 20 EURO 520 notes <sup>1</sup> 10 EURO 560 notes <sup>1</sup> 5 EURO 600 notes <sup>1</sup> Optional modules: Total 6 or 8 recycle modules	Total 8 stackers (Stacker M: 8) 2 EURO 1,550 coins 1 EURO 1,850 coins 0.5 EURO 1,650 coins 0.2 EURO 2,200 coins 0.1 EURO 3,150 coins 0.05 EURO 3,000 coins 0.02 EURO 3,950 coins 0.01 EURO 5,350 coins *Each capacity is the volume of coins per stacker
	<b>Collection capacity:</b> 3,200-2,500 notes <sup>1</sup> (stacking safe bag type) 3,100 notes <sup>1</sup> (free stacking safe bag type) 3,200-2,400 notes <sup>1</sup> (collection cassette type)	<b>Coin overflow box :</b> 1,000 coins <sup>2</sup> <b>Collection :</b> 5,000 coins <sup>2</sup> *The capacity of coins is calculated in 10 EURO cent / 1 USD cent
Total capacity of banknotes/coins		Dependent on recycle module configuration
Processing	Deposit	Capacity of inlet: 300 notes <sup>1</sup>
		Speed of cash in: 8 notes/sec <sup>1</sup> 4 notes/sec <sup>1</sup> (interface cassette)
	Dispensing	Capacity of outlet: 200 notes <sup>1</sup> Speed of cash out: 8 notes/sec <sup>1</sup> 4 notes/sec <sup>1</sup> (interface cassette)
Dimensions (W x D x H)		without monitor <b>UL-291 24-hours safe:</b> 420 x 900 x 1,350 mm (16.5" x 35.4" x 53.1") <b>CEN III / CEN IV safe:</b> 475 x 967 x 1,350 mm (18.7" x 38.1" x 53.1") with monitor (monitor height: 423 mm / 16.7") <b>UL-291 24-hours safe:</b> 420 x 900 x 1,643-1,773mm (16.5" x 35.4" x 64.7" - 69.8") <b>CEN III / CEN IV safe:</b> 475 x 967 x 1,643-1,773mm (18.7" x 38.1" x 64.7"-69.8")
Weight		530kg / 1,168 lbs. (UL-291 24-hours safe) 730kg / 1,609 lbs. (CEN III safe) 750kg / 1,653 lbs. (CEN IV safe) monitor weight: 9.7kg / 21 lbs
		250 kg / 551 lbs Optional monitor weight: 9.7kg / 21lbs

1. Dependent on banknote quality. Capacities are for reference only and are not guaranteed. 2. The capacity of coins is calculated in 10 EURO cent. 3. The capacity of coins is calculated in 1 EURO cent.  
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# SPECIFICATIONS – BACK OFFICE SOLUTION

BACK OFFICE		
		CI-300BX
		CI-300CX
		
		
Number of recycle modules		5 recycling cassette configurations and up to 7 recycling modules
Capacity	Cassette 1: 1 bin for recycle (2,700-1,400 notes) Cassette 2: 2 bin for recycle (750-290 + 1,050-430 notes) Cassette 3 - 5: 1 bin for recycle (2,700-1,400 notes) <b>Optional modules:</b> Total 5 or 7 recycle modules	
	<b>Collection capacity:</b> 4,500 - 3,600 notes <sup>1</sup> (stacking safe bag type) 3,200 - 2,400 notes <sup>1</sup> (collection cassette type)	
Total capacity of banknotes/coins		Total 8 stackers (Stacker M: 8) 2 EURO 1,550 coins    1 EURO 1,850 coins    0.5 EURO 1,650 coins    0.2 EURO 2,200 coins 0.1 EURO 3,150 coins    0.05 EURO 3,000 coins    0.02 EURO 3,950 coins    0.01 EURO 5,350 coins <small>*Each capacity is the volume of coins per stacker</small> <b>Coin overflow box :</b> 1,000 coins <sup>2</sup> <b>Collection :</b> 5,000 coins <sup>2</sup> <small>*The capacity of coins is calculated in 10 EURO cent / 1 USD cent</small>
Total capacity of banknotes/coins		Dependent on recycle module configuration
Processing	Deposit	<b>Capacity of inlet:</b> 300 notes <sup>1</sup>
		<b>Speed of cash in:</b> 12 notes/sec <sup>1</sup> 4 notes/sec <sup>1</sup> (interface cassette)
	Dispensing	<b>Capacity of outlet:</b> 200 notes <sup>1</sup> <b>Speed of cash out:</b> 12 notes/sec <sup>1</sup> 4 notes/sec <sup>1</sup> (interface cassette)
Dimensions (W x D x H)		without monitor <b>UL-291 24-hours safe:</b> 420 x 1,017 x 1,350 mm (16.5" x 40.0" x 53.1") with monitor (monitor height: 423 mm / 16.7") <b>UL-291 24-hours safe:</b> 420 x 1,017 x 1,643-1,773mm (16.5" x 40.0" x 64.7" - 69.8")
Weight		with monitor (monitor weight: 9.7kg / 21 lbs) <b>UL-291 24-hours safe:</b> 600kg / 1,323 lbs. (stacking safe bag type / collection cassette type)

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# SPECIFICATIONS – SOFTWARE

## CI-SERVERX



Interface protocol	HTTPS					
Number of connectable units		Maximum number Registered users	Maximum number Registered drawers	Maximum number Front office devices	Maximum number Back office devices	Typical usage
	Small	20	200	3	1	Small Business Bakery, Cafe
	Middle	200	200	10	1	Mid-Large Grocery Stores
	Large	5,000	1,500	200	20	Amusement Park, Sports Arena, Airport

Hardware requirements to operate this software are shown below:

Item	Requirements	Remarks
CPU	1.4Ghz more x64	An environment that meets the hardware requirements for Windows Server is required
Memory	16GB or more	
HDD	100GB or more	
Network	Gigabit or higher LAN	

### Required environment

**OS** Windows Server 2019

**Database** PostgreSQL 14

### Client restriction

**Browser** Google Chrome™, Microsoft Edge, Firefox

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## Related solutions...

### CI-5

Specifically designed for smaller retail environments, CI-5 securely automates banknote and coin payments at the point-of-sale.



### CI-50B/CI-10CX for the front office

A combined cash recycler solution that removes the need for staff to handle cash at the counter.



### CI-Regi

This application enables utilisation of all device functionality, without the need for a full POS integration.



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