

CashComplete™



Unified Cash Management for Retail

cashcomplete.com

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SUZOHAPP

SUZOHAPP is a technology company providing software and hardware for cash handling automation and self-service solutions to more than 25,000 customers throughout the world. SUZOHAPP's technology enables automation for customers operating in a variety of end markets, including retail, transportation, vending, banking, gaming and amusement. SUZOHAPP's solutions include cash deposit, recycling, processing and payment systems as well as a broad range of self-service component technologies. SUZOHAPP operates in 19 countries and its dealer network covers more than 100 countries.



1,100+
employees



50,000+
products



33
facilities



25,000
customers



115
engineers



Hundreds
of patents



VISION

To be the global market leader in technology-driven cash management, self-service, and gaming devices through our commitment to people, customers, and quality



MISSION

To provide our customers with excellent service and high-quality components, solutions, and software that create significant value for their business



CORE VALUES



AGILITY



CUSTOMER
FOCUS



INNOVATION



INTEGRITY



RELIABILITY



TEAMWORK

PRODUCT BRANDS

SUZOHAPP is a diverse company with multiple brands and product lines

SCAN COIN

Cash**Complete**™

Comestero

Bill4Bill™

currenza

coinCO

VisionPro™

CompetitionPro

BilliardPro

InteractivePro

We take pride in our products, we take care of our customers and we value our people

Global Reach

SUZHOP is a global company with a worldwide presence and a diverse workforce. SUZHOP has grown rapidly to meet the needs of the markets, expanding the breadth of its product offering and service capability. Its best-in-class product and service offerings create significant value and operational efficiencies for customers all over the world.

- International coverage through national subsidiaries
- Worldwide presence with a global service network
- Distribution partners all around the globe
- Variety of customers across multiple business segments



Around The World & Around The Corner

In addition to the offices and manufacturing sites located on the map, SUZHOP has strategic partnership agreements with Value Added Distributors, Gaming Channel Partners, and Contract Service providers in those regions where market or license conditions dictate.

Your Strategic Partner

SUZHOP's logistical support and supply chain configuration builds on its total value proposition by providing customers with cost saving delivery "From Our Door to Your Production Floor". Through continuous communication and feedback, the SUZHOP supply chain team works closely with customers and factories to maintain a steady product supply while eliminating costly additional inventory. We are firmly committed to providing the best customer service to all customers.



Manufacturing Capabilities

Adding Value Through Manufacturing

SUZHAPP continually improves its engineering, manufacturing, service and distribution capabilities to meet the needs and exceed the expectations of its valued customers. With many years of industry experience and production excellence, SUZHAPP has developed innovative customer-centric engineering and manufacturing processes.

SUZHAPP designs and manufactures products that are used extensively in Gaming and Amusement devices as well as in demanding Industrial, Vending, and Transportation applications. In-house design, development and production resources located in multiple SUZHAPP facilities, ensure that projects are efficiently taken from concept to completion.

DESIGN & ENGINEERING



Design & Prototyping

Equipment

- CAD workstations
 - Pro/Engineer
 - SolidWorks
 - AutoCAD
- FDM prototyping machine (3D printing technology)

Capabilities

- Quick turn-around
- In-house prototyping

Resources

- 30 Engineers
 - Electrical
 - Mechanical
 - Software

LCD, TOPPERS & KIOSKS



LCD Production

Equipment

- Integrated toppers
- OEM open frame
- LCD integration
- Signage & custom assemblies
- Bid specification & RFQ

Capabilities

- 20,000 pieces per year

Resources

- 3 Engineers

PLASTIC INJECTION, TOOL & DIE



Direct Injection

Equipment

- 5 - CNC mills
- 5 - Lathes and grinders
- 1 - Wire EDM
- 28 Injection machines

Capabilities

- Sizes from 25-1,600 tons
- 20 million pieces per year
- 24-hour operation
- Insert & over-moulding
- Design to first shoot within 10 days
- 15 tools per month

Resources

- 65 dedicated staff
- +35 flex staff

PCB PRODUCTION



PCB Production

Equipment

- SMT high speed mounter
- SMT inspection
- Wave solder

Capabilities

- Surface mount
- Through-hole
- 150,000 boards per month

Resources

- 25 dedicated staff
- +15 flex staff

ASSEMBLY



Assembly

Equipment

- 12 - Conveyor lines
- 30 - Workstation cells

Capabilities

- 50 assemblies per hour, per line/cell
- Service and Repair
- Assemblies with up to 1,000 components

Resources

- 100 dedicated staff
- +100 flex staff

QUALITY ASSURANCE



Quality

Highlights

- ISO 9001
- Testing services and capabilities

Resources

- 30 FTEs in area of quality control and assurance

Manufacturing and Distribution Facilities



Manufacturing Site and Logistics Hub Poland

- Poznan, Poland
- 20,000 sqm
- 190 employees
- 400 product lines produced daily
- Coin validators, coin and bill recyclers, change machines, cash points for self-service laundrettes, car wash starter systems, cash management solutions



Manufacturing Site China

- Zhuhai, China
- 12,000 sqm
- 250 employees
- Turnkey design / manufacture
- Interactive touch displays
- Transparent LCD technologies
- Cash handling technologies
- Printers, card/barcode readers, NFC/RFID, cameras
- Kiosks, loyalty and betting terminals
- Digital signage
- LED lighting and back lighting technologies



Manufacturing and Distribution Site North America

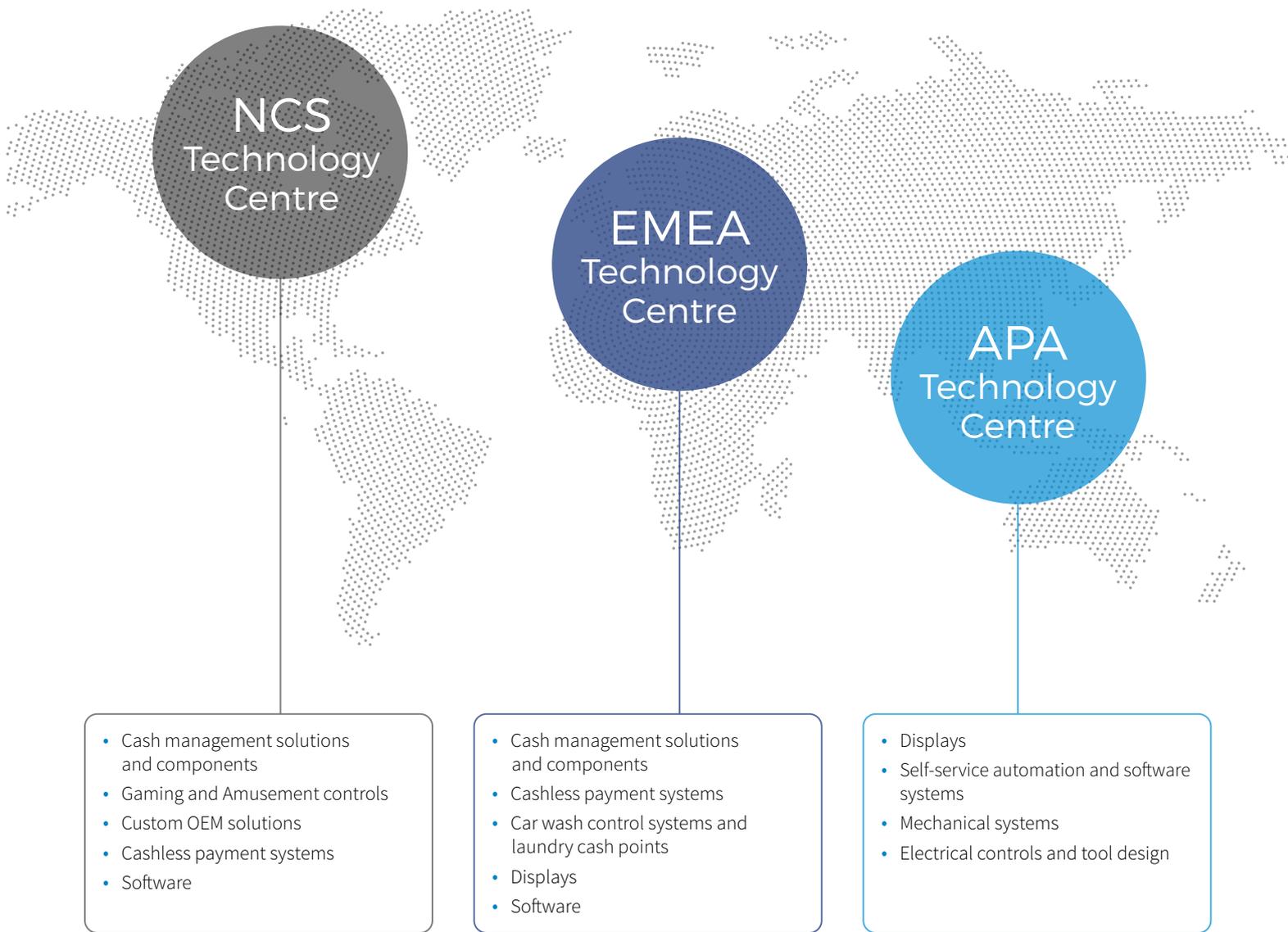
- Mount Prospect, IL and Las Vegas, NV production locations
- Over 6,000 sqm
- Assembly, Distribution, Service and Support
- Cash Management Solutions: Note recyclers, coin recyclers, deposit safes
- Components & OEM: Joysticks, buttons, coin doors, LCDs, reel mechs, toppers, game controls

R&D Capabilities

Investment in Research and Development is a Top Priority

Global product management teams meet continuously to develop new products and custom solutions for customers' ever-changing needs. Dedicated industrial, mechanical, and electrical engineering teams provide complete design, as well as component selection. SUZOHAPP utilizes contemporary modelling technology to produce accurate designs with competitive costs and short lead times.

Technology Centres



SUZOHAPP's Research & Development team is centralized into one global engineering centre of excellence, SUZOHAPP Technology Services (STS). This highly skilled department develops and supports the company's core technology, accelerates new product development and leads the introduction of innovative technologies.

Design activities and expertise provided include:

- Turnkey design/manufacture of individual parts to complete machines - from concept development through final, highly engineered solutions
- 2D and 3D CAD Design – using SolidWorks for part/assembly modelling and drawings
- Metalwork/plastic design and electrical/wiring harnesses, virtual and physical prototyping, and product renderings
- Design of injection moulds and tooling
- Rapid prototyping through in-house 3D printing capabilities
- Proprietary electronics and PCB Design using the leading software package Altium
- Programming for microprocessors and Advanced Risk Machines (ARM, software development in most operating systems including Windows, Linux and Android OS
- Compliance testing and documentation, including UL

Examples of some of the technologies SUZOHAPP works with:

- The latest LCD and touchscreen technologies, including projective capacitance
- LED lighting and back lighting technologies
- Embedded micro controllers and CPUs
- Electromechanical and mechanical systems

SUZOHAPP's dedicated team has been central to the success of many product deployments to the global amusement, gaming, industrial, transportation and vending markets.

Projects have included:

- LCD retrofit integration
- Custom designed displays, including transparent LCD technology
- Interactive touch displays, large and small
- Cash handling technologies
- Printers, card/barcode readers, NFC/RFID, cameras
- Kiosks, loyalty and betting terminals
- Digital signage



Workshop Service

Highly experienced lab technicians can repair parts to component level, utilizing the latest diagnostic equipment and techniques. SUZOHAPP can also redesign, re-engineer, restore or re-manufacture parts and components reducing your business maintenance costs.

Repair Services

- Electronic gaming machines
- Jackpot systems and player tracking hardware
- POS systems, ATMs, self-service terminals
- Cash handling – bill acceptors, coin mechanisms, hoppers
- Data scanners, PDAs, PC mainboards, logic boards
- LCD displays, touchscreens
- LCD and CRT monitors, power supplies
- Electronic assembly and manufacturing services
- Electronic kiosks
- Wagering terminals
- Other electro-mechanical assembly work

SUZOHAPP technicians are highly skilled

- IPC certified specialist technicians ensure the highest quality in surface mount, hole through and wave soldering
- Experienced in repairing multilayer boards
- Ability to perform circuit programming (FPGA, JTAG) and program microprocessors (TQFP, SSOP, EPROM)

SUZOHAPP technical experts:

- Re-work and re-flow BGA ICs
- Give logic boards, main boards and A-D boards a new lease on life
- Refurbish circuit boards for most popular gaming machines and electronic equipment
- Repair bill validators, ticket printers, hoppers and coin mechanisms, giving considerable savings compared to the cost of replacement

The Evolution of Cash Management & Why the Future of Cash is Automated

SAFETY – Smart Safes & Recyclers

See related products:

SDS-760 pg. 28

SDS-35 pg. 30

Safety was and continues to be one of the biggest concerns in cash management. The concept of cash management equipment essentially started as a singular equipment, a drop safe-where employees manually deposited cash into a hard metal safe to prevent external robbery threat-has evolved into technology-driven devices saving businesses millions of dollars in shrinkage, labor costs, and operational inefficiencies.

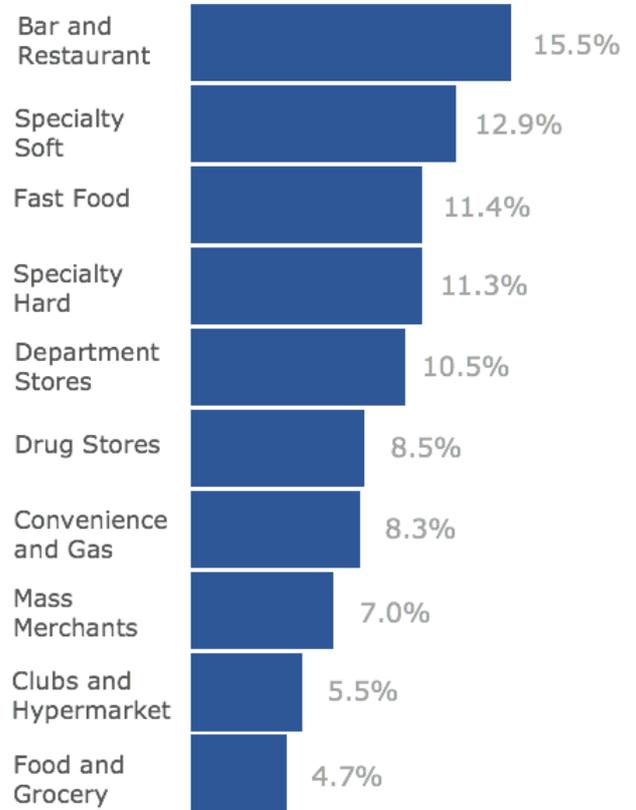
Smart Safes were developed as electronic versions of a drop safe where bills are read, validated, and accounted for by what started as rudimentary on-device software. This basic technological feature ensures that employees are held responsible for what they deposit into the machine. So, while an employee could claim they dropped \$2,000 into the drop safe without accountability, a Smart Safe electronically verifies that \$2,000 was, in fact, received by the machine.

Smart Safes have evolved into an exponentially more powerful hardware with on-device software rivaling and complimenting POS systems.

9% the average cost of cash across retail segments

Source: IHL Group

How Much is Cash Really Costing You?



Source: IHL Group

LABOR EFFICIENCY

See related products:

ICX Active-9 pg. 34

RCS pg. 20, 22, 24, 26

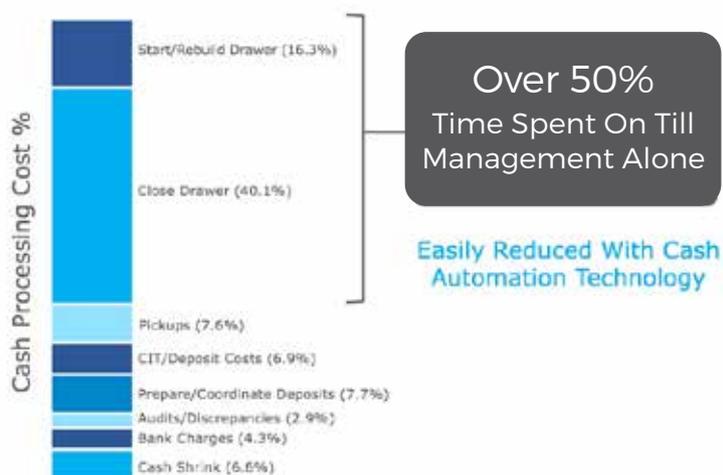
SDS pg. 28, 30

SPS pg. 32

Recyclers have taken the cash management evolution even farther. The function of the recycler took some of the basic principles of smart safes by keeping cash safe and accounting for cash deposits, but it also elevated the industry by introducing efficiency beyond what can be gained with employee cashroom training. The recycler conducted cash room functionalities, significantly reducing cash handling time as well as labor costs.

Labor efficiency is found when you move beyond the physical counting of cash to truly accounting for and optimizing the flow of cash through your business. An analogy would be taking 15 minutes to walk a mile versus taking 1 minute to drive that same mile. That's what a recycler is doing - taking cash and analyzing the movement each bill and coin should make through an automated system.

A recycler's powerful technology allows Big Box retailers that have multiple cashiers receiving their start tills to receive the correct amount of funds needed for the day's work, in the shortest amount of time.



Source: IHL Group

COST EFFICIENCY

See related products:

RCS pg. 20, 22, 24, 26

SDS pg. 28, 30

SPS pg. 32

Labor efficiency is closely interconnected with cost efficiency. In addition to cashiers, back office employees, corporate employees, different functions within IT, loss prevention teams, the full gamut of operations, and treasury teams --- all benefit from the speed and accuracy in which recyclers efficiently process, account for, and report the usage of cash.

IT teams who used to scour an organization for information they needed from various incompatible sources can now get the information they need from a single system. Treasury teams who face high employee turn-overs and who must keep re-training employees on cash handling procedures – keeping the correct mix of notes in the till, keeping the correct stocks of cash for change, monitoring how much cash is coming in on certain dates (i.e. Black Friday Sale), and creating forecast models – save significantly in labor costs and overall operations costs.

The evolution of cash handling from a single equipment hardware to intelligent devices with automated software technology is the future of the cash industry.

ENTERPRISE EFFICIENCY

See related products:

CashComplete™ Connect pg. 16

CashComplete™ Vault pg. 18

CashComplete™ On-Device pg. 19

Cash is a Cross-functional Challenge & CashComplete™ is the Solution

Cash automation is for both the small business owner as well as the large global enterprise. Just as a small convenience store owner can log into a system and see in real time what is being processed in his/her POS and verify it against what has been received by the smart safe, or even the recycler – a global enterprise with hundreds or thousands of locations, can know exactly what's going on at each store level, using accurate data, enabling them to make strategic decisions about how to operate their business more competitively.

The future of cash demands that businesses arm themselves with efficiency against encroaching competition by scrutinizing every area of the enterprise where cost savings can be made, and operational efficiencies can be put in place.

Don't short change yourself with nothing less than a fully integrated, fully automated, cash management solution system.

Cash Management is a

On a daily basis, IT, Operations, Loss Prevention and Treasury
Below are critical challenges per functional area

Information Technology

- Multiple Systems to Integrate
- File Reconciliation Issues
- Legacy POS Systems
- Security Systems

Loss Prevention

- Employee Theft/Shrinkage
- Audits/Investigations
- Burglary
- Security Procedures
- Risk Analysis

CashCo

Cross-Functional Challenge

teams face numerous challenges related to cash management, where CashComplete™ can be a part of the solution.

Operations

- Optimize Cashier Procedures
- Difficult and Repetitive Training
- High Employee Turnover

complete™

Treasury

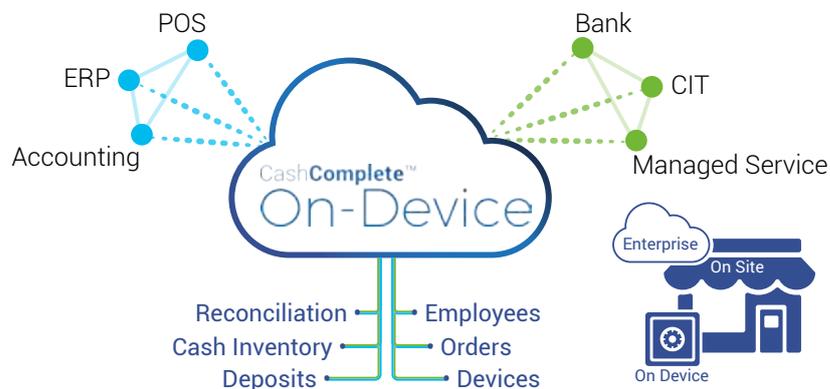
- Managing Bank Relationships
- Bank Reconciliations
- CIT Management and Fees
- POS and Smart Safe/Recycler Data Reconciliation
- Cash Forecasting

CashComplete™



Cash Management You Can Count On

Leveraging our solutions into your business improves operational efficiencies. The combination of our unified software intelligence and leading processing technologies gives you superior results and elevates your cash management operations. Eliminate all daily tasks from counting, managing till content, reconciliation and reporting in-store cash, which allows the staff to be deployed into higher value activities. Our CashComplete™ On-Device Software coupled with our cash handling solutions together provides full visibility and accurate reporting of cash cycle. All stages of operations become more efficient by introducing operational automation and cash recycling. CIT pickup services, administrative and cash demand variation fees are reduced with our solution.



Protect and Secure

Count, verify and secure cash at the payment point to protect against internal and external theft and eliminate staff errors. This keeps minimal cash exposure and protects the staff. Achieve 99% counting accuracy and halt cash losses in your business due to these primary sources of fraud: employee/internal theft, administrative and paperwork errors, external theft.



Financial and Operational Control



CashComplete™ Connect is the ultimate solution for superior financial and operational control of cash. Our management software can be shared by local departments for faster operations and maintenance. The Enterprise program of CashComplete™ Connect is ideal used for central monitoring and connectivity with external store systems for higher automation.

- ▶ **POS Balancing**
Automatic reconciliation of daily balances through Point of Sale (POS)
- ▶ **Financial Control**
Real time transaction monitoring
- ▶ **CIT Integration**
Integrate our solutions to CIT management systems for fast order requests and bank deposits
- ▶ **Maximum Uptime and Service**
Real time device and event monitoring to ensure maximum uptime
- ▶ **ERP Integration**
Reports daily balances and accounting
- ▶ **Optimize Cash**
Sharing insights into your cash cycle can be used for cash order planning to ensure the right level is always on hand



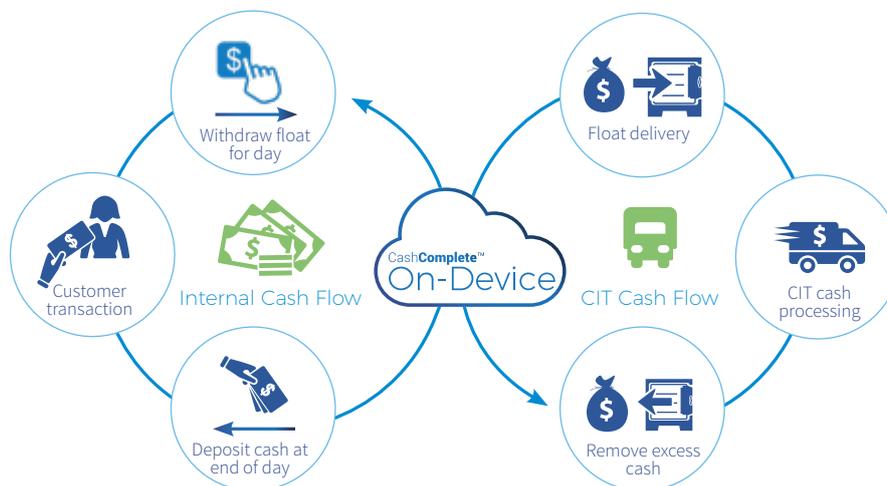
Cash Handling Cycle

The Software that Completes the Cash Handling Cycle

Transform your cash handling into complete solution where you receive real-time data of cash flow from your computer and/or mobile device whenever you need it. The software platform is in the middle of the cash cycle giving you a complete overview of the cash flow. You are able to see details of internal cash flow and can optimize the deliveries of cash and CIT pick ups. For full automation it is possible to integrate the software to CIT cash management systems.

Improve Cash Flow

CashComplete™ On-Device provides accurate and efficient management of in-store cash handling requirements allowing you to deposit surplus cash into your bank or reinvest into new opportunities. CashComplete™ Connect software make it simple to monitor your inventory position in real time across your organization.



MORE CUSTOMERS SERVED DURING PEAK HOURS

The CashComplete™ solution decreases transaction time by increasing cash handling efficiency.

Manage Your Business

The CashComplete™ solution will help you manage your cash flow and working capital with reporting and connectivity on the retail and banking ends of your business to monitor operations, employees and devices. Our system can balance cash in real time, track and audit users, and visualize cash ins and outs.

CashComplete™ delivers excellent ROI for its customers. While results vary by operating factors, some of the most common areas where ROI is generated:

- ✓ Reduce Cash room FTE (Full Time Employee) hours
- ✓ Reduce Cashier FTE (Full Time Employee) hours
- ✓ Reduce CIT fees
- ✓ Reduce Cash handling fees
- ✓ Reduce Cash variation costs
- ✓ Reduce Cost of cash on hand

For more information, please visit cashcomplete.com

CashComplete™ Connect

Automating the Payment Management Process

CashComplete™ Connect is the most comprehensive and sophisticated cloud-based payment management platform on the market. It integrates all elements of the cash ecosystem – all points where cash transactions take place – enabling managers and executives to understand what’s happening across the entire organization without having to manually interact with multiple systems or consolidate reports. Information from payment management hardware, software and back office systems comes together in an easy to use, seamless way.



Real-Time Visibility, Analytics and Reconciliation Reduces the Cost of Cash

From a web browser or mobile device, retail managers and executives can access the CashComplete™ Connect dashboard to monitor cash flow and sales, pull POS reports and generate analytics at any level from all connected devices throughout the organization. All functions involved in payment management, from IT to Operations to Loss Prevention to Treasury will benefit from increased access to timely information integrating all elements of the cash ecosystem. Not only does CashComplete™ Connect reduce the cost of cash, but it will improve overall employee productivity, reduce working capital, prevent shrinkage and maximize operational efficiency.

- 
Real Time Dashboard
- 
Reporting & Analytics
- 
Intelligent Alerts
- 
Smart Groups
- 
Multi-Currency & Language
- 
Cloud Architected
- 
Rapid Deployment
- 
Highly Secure
- 
Automatic Updates
- 
API First Architecture

Challenges and Solutions

- 

Cashiers spend up to 40 minutes per shift preparing and closing tills

> **Cashier Till Automation**
Automate till setup, dispense and deposits, reducing till management time by as much as 90%
- 

Unmanaged cash positions can lead to excess cash in operations that tie up much-needed capital

> **Working Capital Optimization**
Monitor and track cash usage by denomination, at all points of cash transactions. Analyze cash trends and identify areas for optimization, reducing working capital by up to 40%
- 

Cash shrink accounts for over 6% of the cost of managing cash

> **Loss Prevention**
Track and analyze cash movement to quickly identify anomalies and other indications of potential loss or theft
- 

Automate Cash Reconciliation and Integrate to Financial Systems

> **Cash Reconciliation**
Reconcile cash transactions and position with point of sale, as well as posting results to enterprise financial systems
- 

CIT fees can be as high as 6.9% of your total cost of cash

> **CIT Fee Reduction**
Reduce CIT visits by optimizing your cash needs and redeploying unused cash in operations to locations where cash is needed
- 

Manual cash processes result in unnecessary time spent entering and tracking data

> **Labor Cost Reduction**
Refocus employee responsibilities from counting, sorting and organizing cash to customer-centric duties by automating manual systems entries

CashComplete™ Connect

CashComplete™ Connect Editions At-A-Glance

The CashComplete™ Connect platform is currently available in Basic, Enterprise (previously Business Edition) and Retail Editions, with the Transportation Edition coming soon.

Features	Basic	Enterprise	Retail
Real time dashboards with machine, cash and user status	•	•	•
Real time machine error notification	•	•	•
Basic reporting for machines, cash, users and transactions	•	•	•
Configure and modify machines, users and sites	•	•	•
Multi language and currency supported	•	•	•
Advanced reporting and analytics		•	•
Real time alerting via email and SMS		•	•
Centralized machine user management		•	•
Smart Groups™ for sites and machine users		•	•
Advanced user permissions		•	•
Advanced REST API for full read/write access to data		•	•
Support for selected third party devices		•	•
Retail cashier balancing including POS integration			•
Retail operations dashboard			•
Service Level Agreement	N/A	•	•

Introducing CashComplete™ Retail Edition

Built on the market-leading Enterprise platform, CashComplete™ Connect – Retail Edition is now available. This revolutionary payment management solution offers features such as automation of cashier till management, automatic reconciliation at the end of each shift, near immediate awareness of potential shrinkage issues, improvement in cashier productivity, and visibility into cash positions and operations that can streamline audit functions and reporting processes. This product interfaces with GL systems and integrates with POS. These features can significantly reduce the cost of cash for the retailer. Retail Edition was piloted with positive results by a major world player in the food and hospitality industry.

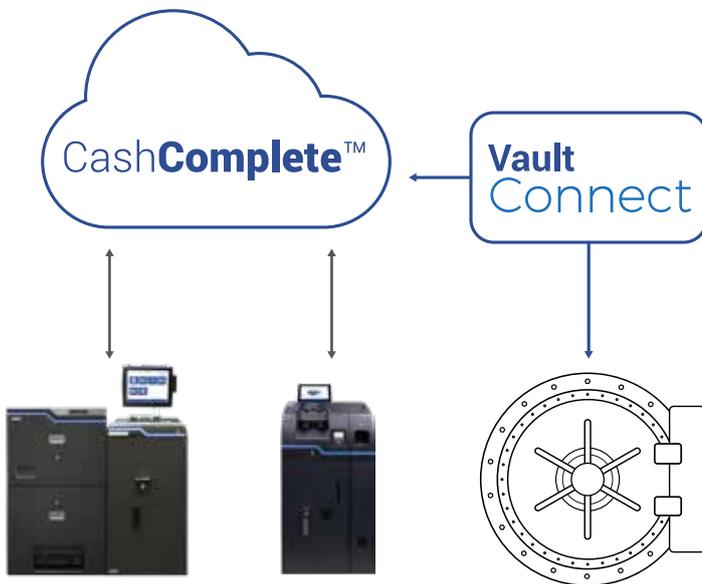
How does CashComplete™ - Retail Edition Work?

Every day at the store level, someone needs to manually add up the till, plus deposit, and then balance at the end of each shift. CashComplete™ Connect – Retail Edition automates the process of reconciling the cashier point-of-sale by pulling data from all devices connected to CCC as well as data from the POS system. These two data sets are then aggregated, in real time, into a reconciled specialized report that provides full circle, end-to-end visibility for all circulation of cash for all individuals, groups, and locations – across the entire organization.

**The cost and complexity of cash goes far beyond smart safes and recyclers.
CashComplete™ Connect – Retail Edition is a next generation product
to address these issues in a fully integrated, easy to use solution.**

Connect All of Your Cash

VaultConnect™ brings cash in vaults or other offline cash storage into full view, allowing users to monitor their true cash positions and incorporate all available cash into daily operations. Currently, many retailers track funds stored in vaults separately from funds stored in cash recyclers and smart safes. VaultConnect™ allows users to pull all their cash-related data together using the CashComplete™ Connect platform. Deposit and withdrawal information for vaults can be entered into any CashComplete™ On-Device enabled machine, be it a standalone PC, cash recycler, or smart safe. Vault data is then available to view in the same way as recycler and smart safe data, clarifying cash positions across units and locations and maximizing the productivity of cash by supporting the daily operations of the business. By extending the visibility of cash, VaultConnect™ improves overall cash management within the organization.



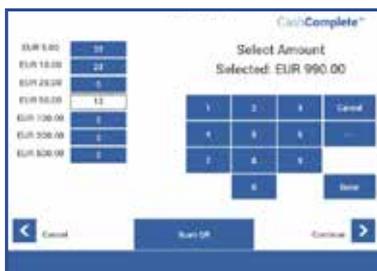
Easily Integrate Your Cash Vault Inventory Into the CashComplete™ Connect Dashboard with VaultConnect™

Benefits

- ▶ Manage offline cash using the familiar CashComplete™ On-Device user interface
- ▶ Gain full visibility of all cash independent of location
- ▶ Refill an RCS with cash from a vault using VaultConnect™ to reduce CIT visits

Bring Accountability to Offline Cash Storage

VaultConnect™ is revolutionary because it connects to the CashComplete™ Connect cloud-based environment, and turns what normally is an arduous task of keeping track of static cash within a dumb vault or deposit safe, into an integrated solution between the vault, the recycler, CashComplete™ On-Device, and CashComplete™ Connect - offering the retailer full visibility of all cash in operation, independent of location.



Easily Input Vault Transactions Using QR Codes

Reduce CIT Visits

With VaultConnect™, Cash in Transit (CIT) provider visits will become less frequent and shorter in duration. For many retailers, CITs deliver cash by refilling cash recyclers. However, vaults hold more cash and are quicker to replenish than recyclers. If CITs were to fill vaults instead of recyclers, they would be able to deliver more cash per delivery, make shorter visits, and return less frequently. A retailer can simply use its own money to replenish its cash recyclers rather than calling on CITs as frequently. CashComplete™ Connect unifies cash in recyclers and smart safes with cash in vaults using VaultConnect™, allowing all cash to be monitored in one place and used to support the operations of the business.

CashComplete™ On-Device

CashComplete™ On-Device Cash Management Software

CashComplete™ On-Device is an open, integrated, user centered software platform that enables organizations to achieve maximum value with their cash management solutions. Increase employee productivity with intuitive work flows that are adapted to your business process. Enforce cash handling business rules at the user, role or revenue center level. Reduce cost by leveraging machines across multiple operating units with multi-tenant capabilities.

Benefits

- ▶ Simple to Learn and Train
- ▶ Issues Automated Floats/Banks
- ▶ Improves In-Store Cash Flow
- ▶ Optimizes CIT Deliveries
- ▶ Increases Cash Security
- ▶ Provides Flexible Connectivity

▶ Improved Work Flows

Easily configure work flows that optimize the transaction time for your cashiers, tellers and supervisors as well as your Cash in Transit (CIT) provider, while ensuring all cash handling rules are enforced, tracked and audited.

▶ Adaptable and Customizable

Need even more capabilities? With an upgrade to Enterprise Edition, organizations have the ability to extend the capabilities of CashComplete™ On-Device by developing plugins, utilizing a well-documented, cross platform SDK. Or utilize the pub/sub API to integrate with third party applications and solutions or leverage the industry standard Java POS for integration with Point of Sale terminals.

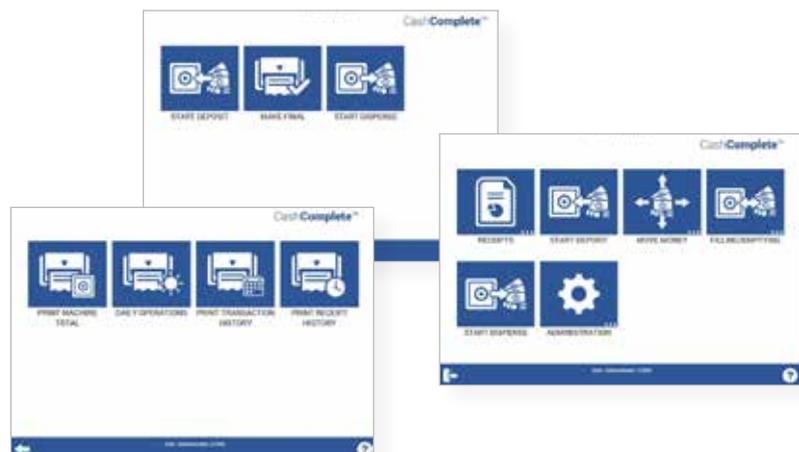


Optimized User Experience

Your employees will rapidly understand CashComplete™ On-Device thanks to the highly intuitive and familiar user interface. This not only reduces the amount of required training, but also increases the level of productivity by reducing overall transaction time.

Compatibility

- ✓ All CashComplete™ RCS and SDS Models
- ✓ CDS-820j, CDS-830, CDS-9, CDS-9R
- ✓ CRC-100
- ✓ AST-70XX, SDM-50X, CDS-XXX
- ✓ NRI® Pelicano
- ✓ Sallen® Electrum
- ✓ Azkoyen Cashlogy® POS1000
- ✓ Glory® NMD-100
- ✓ Glory® CI-100
- ✓ MEI
- ✓ MW KUAN



RCS-300 Flexible Mid-Range Note Recycler

Superior Flexibility with Modular Design

The latest RCS-300, with its flexible and unique modular design, helps retailers maximize efficiency, save time and improve customer service through cash automation. The RCS-300 note recycler is available in three variants and can be integrated either in front or back office. Pair it with a CashComplete™ coin recycler for complete cash management.



The NEW Flexible Mid-Range
Note Recycler with Quick and
Reliable Note Validation

Complete Cash Visibility

The RCS-300 always comes with the strongest software platform, CashComplete™ Connect. CashComplete™ Connect gives retailers visibility of all activities at the point of sale, in the back office, and throughout the auditing process. It is the ultimate solution for superior financial and operational control of cash, integrating and streamlining the entire cash management process.

CashComplete™

Competitive Features

- ▶ **Superior Flexibility with Modular Design**
Can be used in front or back office; three configurations available
- ▶ **Scalable Solution**
Bundle with a CashComplete™ coin recycler for a completely automated solution
- ▶ **Bundled Note Deposit**
Accepts up to 50 bundled notes for deposit, dispenses up to 20 notes on withdrawal
- ▶ **Multi-Currency Option**
Supports major world currencies including paper and polymer notes, mixed and used
- ▶ **Fast & Reliable Validation**
Best-in-class bill validator quickly and accurately verifies currency denominations, detects and separates counterfeit and unfit currency

- ▶ **Smart LED Machine Status Indicator**
Employees can see the operating status of the machine from across the room
- ▶ **Compact Footprint**
Remove the top cover to use the RCS-300 as an under-the-counter POS solution



Technical Specifications	UL-291 Option A	UL-291 Option B	UL-291 Option C
Size (W x D x H)	45 x 65 x 84,1 cm with top (17,7" x 25,6" x 33,1") 45 x 65 x 78,5 cm without top (17,7 x 25,6 x 30,9")	45 x 65 x 84,1 cm with top (17,7" x 25,6" x 33,1") 45 x 65 x 78,5 cm without top (17,7 x 25,6 x 30,9")	45 x 65 x 84,1 cm with top (17,7" x 25,6" x 33,1") 45 x 65 x 78,5 cm without top (17,7 x 25,6 x 30,9")
Deposit	3 notes/second	3 notes/second	3 notes/second
Dispense	3 notes/second	3 notes/second	3 notes/second
Speed	10 notes/second		
Recycling Storage	Default Setup: 2 Cassettes Up to 4 denominations, 240 notes total (60 per drum)	Default Setup: 3 Cassettes Up to 6 denominations, 360 notes total (60 per drum)	Default Setup: 1 Cassette Up to 2 denominations, 120 notes total (60 per drum)
Loader Module	500 notes	—	500 notes
Recycling Capacity	740 notes	360 notes	620 notes
Cash Box Storage	1,500 notes	1,500 notes	3,000 notes
Total Capacity	Up to 2,240 notes	Up to 1,860 notes	Up to 3,620 notes
Empty Weight	—	—	—

RCS-Active High Speed Coin Recycler

The future of cash demands that businesses arm themselves with efficiency against encroaching competition by scrutinizing every area of the enterprise where cost savings can be made, and operational efficiencies can be put in place. CashComplete™ Connect is the ultimate solution for superior financial and operational control of cash. Gain visibility of all activities at the point of sale, back office, and throughout the auditing process with the CashComplete™ Connect platform.



NEW

Float and Till Management Solution with Active Sorting® Technology

- ▶ **POS Balancing (Retail Edition)**
Automatic reconciliation of daily balances through Point of Sale (POS)
- ▶ **Financial Control**
Real time transaction monitoring
- ▶ **CIT Integration**
Integrate our solutions to CIT management systems for fast order requests and bank deposits
- ▶ **Maximum Uptime and Service**
Real time device and event monitoring to ensure maximum uptime
- ▶ **ERP Integration**
Reports daily balances and accounting
- ▶ **Optimize Cash**
Sharing insights into your cash cycle can be used for cash order planning to ensure the right level is always on hand

Competitive Features

- ▶ **Massive 32,000 Coin Capacity**
Extends time between administrative activities
- ▶ **2,000 Coins Processed Per Minute**
Allows efficient coin processing and quick end-of-shift deposit procedures
- ▶ **Active Sorting®**
More than conventional coin sorting Active Sorting® provides a higher throughput thanks to its advanced sensor technology
- ▶ **Advanced Sensors**
By detecting diameter, thickness, surface & bulk conductivity, and magnetic properties the RCS-Active enables more sophisticated sorting
- ▶ **Coin Outlet Chutes**
Improved “Y-chutes” reduce jamming during deposit. Each hopper has a dedicated outlet to further reduce jam possibilities
- ▶ **Accessible Height**
At just under 46” tall, the RCS-Active remains accessible while maintaining high capacity
- ▶ **Separate Access to Upper/Lower Compartments**
Increase serviceability and security by reducing access to the coin vault

Technical Specifications

Size (WxDxH) without PC	68,5 x 75,6 x 115,8 cm (26,97" x 29,78" x 45,62")
Deposit Speed	Up to 2,000 coins per minute
Dispense Speed	Up to 2,400 coins per minute
Recycling Storage	Up to 23,400 coins / 8 coin hoppers (individually addressable)
Storage Pickup / Overflow	Up to 8,650 coins
Total Capacity	32,050 coins
Denominations	Up to 8 denominations to be recycled, international currencies available
Voltage and Frequency	100-240 VAC, 50/60 Hz

RCS-600 & RCS-700 Cash and Coin Recycler

The CashComplete™ RCS-600 & RCS-700 transform your cash handling into smart cash management, improving your business at all levels. Paired with our unique suite of software the RCS-600 & RCS-700 are a strong back office solution for any market.



The RCS-600 & RCS-700 are the first choice for the hospitality, retail, leisure and public transportation sector.

► Strong Return on Investment

The RCS-600 & RCS-700 are powerful automators for your back office operations. Make this smart solution part of your daily operations and decision making, instead of spending hours on administration and counting. This ensures a quick return on investment through dramatically improved cash management.

► Efficiently Cycle Cash All Through Your Business

The steady flow of cash into your back office needs to be counted, allocated and secured quickly and efficiently. With the RCS-600 & RCS-700, you take control of your cash through an efficient cash cycle in all areas of your business, from internal cash handling to CIT operations. This ensures both time and cost savings, as well as an improved customer service.

Superior Financial and Operational Control

CashComplete™ software is the ultimate solution for superior financial and operational control of your cash. CashComplete™ management software allows access to data by local departments and from remote locations. CashComplete™ enterprise software can be used for central monitoring and connects with external store systems for even higher efficiency. CashComplete™ provides a common experience across all client locations. Our software solutions are scalable, allowing you to gain full control of your cash management operations.



The Simplest Process Can Be The Most Revolutionary

The RCS-600 & RCS-700 fully automates your cash handling allowing you to retrieve real-time cash flow data from your computer or mobile device whenever you need it. It's as simple as that.



- ✓ POS Balancing
- ✓ Financial Control
- ✓ CIT Integration
- ✓ Maximum Uptime and Service
- ✓ ERP Integration
- ✓ Optimize Cash



Automation Saves Time

The RCS-600 & RCS-700 fully automates your cash handling allowing you to spend less time managing your cash. Automate till management to increase efficiency at the start and end of shifts, reducing human reporting errors and increasing accountability.



Decreased Working Capital

CashComplete™ software provides accurate and efficient management of in-store cash holding requirements allowing you to deposit surplus cash into your bank or reinvest into new opportunities. Our enterprise software programs make it simple to monitor your inventory position in real time across the enterprise.



Improved Productivity

Eliminate all daily tasks from counting, managing till content, reconciliation and reporting in-store cash, which allows the staff to be deployed into higher value activities.

Features & Benefits

- ✓ Streamlined cash handling
- ✓ Improved in-store cash flow management
- ✓ Issuing automated floats/banks
- ✓ Optimized CIT deliveries and pickups
- ✓ High cash security
- ✓ Counterfeit detections
- ✓ Faster reconciliation
- ✓ Reduced shift turnover time
- ✓ Secure, fast & accurate processing
- ✓ Reduced cash handling costs



Cash Handling Volume
High note recycling capacity of up to 16,400 notes with configurable cassettes and high coin recycling capacity of 40,000 coins for multiple denominations

High Security and Extended Storage
The new overflow box (8,650 coins) increases the total storage of coins up to 48,650. Secure longer for fewer CIT pickups

User-Friendly
Easy to navigate end-user interface for a quick and simple employee operations and full management control

Adaptable UCD Options
UCD with coin cups or a large tray for large dispense operations. Geared for wide range of customer tills

Proven Technology

Unique Software Platform
The RCS-600 & RCS-700, powered by our unique machine control software fully integrated functions, enabling optimal cash management

Drop Safe
Manual deposit for secure storage of checks and damaged notes

Small Footprint
Designed to be robust with a small footprint to optimize the back office environment

Best-In-Class Cash Handling Technology
This heavy duty cash recycler, together with its proven sensor technology, makes it one of the strongest solutions on the market

RCS-400 2.2 & RCS-500 The Flexible Multi-Till Solution

The high costs of cash operation together with increased competition within the retail sector makes it more important than ever to optimize the business. Paired with our unique suite of software the RCS Solution is a strong back-office solution for any market. Explore true cash management with increased customer service and security through a complete cash handling solution.



► **Explore True Cash Handling**

With the RCS solution the processing of cash is fully automated, including creating floats at the beginning of the day to counting cash and reconciliation of the daily takings. Reduce shrinkage and increase efficiency with a secure, automated, retail cash system that will help you take control over cash flow and reduce your cash handling costs!

► **Turn Cash into Real Value**

Transform your cash handling into a completely automated process where you can retrieve real-time data of the cash flow on your computer and mobile device whenever you need it. The cash recycling with CIT integration optimizes the level of cash in-store and decreases the need of services and manual labour dramatically. In this way you can keep the focus on the true value of your business – the customers.



Superior Financial and Operational Control

CashComplete™
Connect

The RCS Solution works with the CashComplete™ Connect management software. It allows access to data by local departments and from remote locations. CashComplete™ enterprise software can be used for central monitoring and connects with external stores systems for even higher efficiency. Our software solutions are scalable, allowing you to gain full control of your cash management operations.

- ✓ ERP Integration
- ✓ Report Generation
- ✓ Financial control
- ✓ Automatic Reconciliation
- ✓ CIT Integration
- ✓ POS Integration
- ✓ Optimised availability
- ✓ Connect 24 hours/day

Features and Benefits

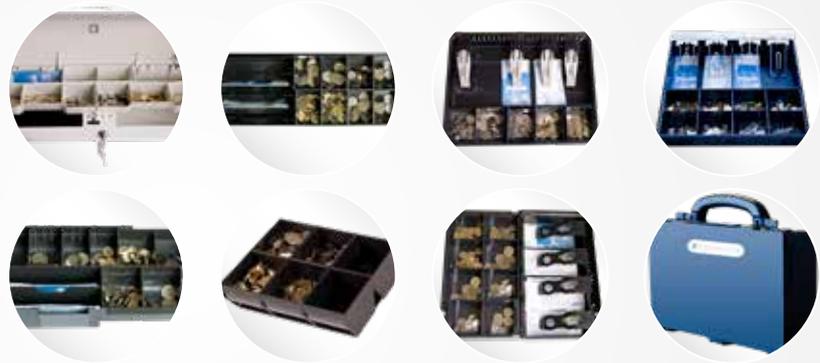
- Streamlined Cash Management
- Improved In-store Cash Flow Management
- High Cash Security
- Issuing automated floats/banks
- Optimized CIT deliveries and pickups
- Counterfeit detections
- Reduced cash handling costs
- Secure, fast & accurate processing
- Reduced shift turnover time
- Faster reconciliation
- Customizable Multi-Till system

The Multi-Till Solution is giving the retailer freedom to use existing Tills already used in store together with the RCS-400 2.2 coin recycler solution. The Multi-Till Solution is able to handle the most common Tills available on the market*. It optimizes the dispense operation by having the coins sorted into the correct pockets, which saves valuable time and minimizes the risk of wrong coin in wrong pocket.



Combine the RCS-400 2.2 with a note unit and experience complete cash automation

Patent Pending



The Multi-Till Solution Optimizes Valuable Time in the Store

When the Till is inserted the dispense operation starts automatically by a sensor activation. This avoids the risk of having coins being dispensed inside the machine without the presence of a Till. The coins are dispensed parallel with the notes. When notes are ready and taken out of the RCS-500 the Till is ready to be taken out of its position and the cashier is ready to start working! When the RCS-400 2.2 is in deposit mode the Till compartment is closed and coins are available to be sent to transport box when needed.

Effective Management
With its recycling capacity of up to 16,000 coins and 8 denominations

Large Capacity, Secure Storage
The "overflow" box increases the total capacity from 5,500 coins to 21,500 coins, which are stored within the safe

Design
Low working height and light indications make the RCS-400 2.2 one of the most user-friendly solutions on the market

Distribution of Coins
The distribution of cash is made easy by depositing change in a carrying case

Banknote Recycling
The RCS-400 2.2 can be connected to a note unit with a Bill to Bill or a MDS for processing and recycling banknotes

Electronic Locks
Facilitates management of back-office processing

The Software Platform
The RCS-400 2.2 is connected to the CashComplete™ Connect Intelligence software for optimal management of your money

Better Technology
Our unique innovations make our recycling solutions some of the most reliable on the market

Proven Technology

Flexible Multi-Till Solution
The Till dispense function is optimized to have the correct amount of coins in each pocket, this will minimize spillage and coins to be carried in other ways

SDS-760 Smart Deposit Solution

Your Business Deserves the Most Efficient Cash Deposit System

Optimize your cash handling to eliminate errors, shrinkage, and time waste. With the latest High-Speed Smart Deposit Solution from SUZOHAPP you will process deposits fast, while ensuring note processing accuracy and reducing the risk of robbery. In addition, the software platform CashComplete™ Connect provides complete cash management overview with detailed monitoring and automatic reconciliations. In the end, you will experience a safer working environment and a better customer service, with high return on your investment. Ideal solution for large cash volume retailers and businesses where security and process optimization matter the most.



NEW

High-Speed Back Office Cash Deposit Solution

▶ Speed

The SUZOHAPP high-speed note validator tallies cash quickly and smoothly streamlining cash processing time and increasing operational efficiency.

▶ Accuracy

High-speed acceptance together with the high reliability and cutting-edge technology provides increased operational efficiency meeting evolving business needs.

▶ Security

The UL 291 high-tensile steel safe keeps your cash secure giving high security to your cash room, preventing unauthorized access to the money bag.

▶ Efficiency

Smart Deposit Solution reduces the costs of cash handling through internal optimization as well as CIT collection costs reduction. SDS-760 heat seal bag stores up to 10,000 notes, streamlining your cash handling.

▶ Reliability

Enhanced functionality, updated design with fully-integrated touch LCD, and customizable dashboard with configurable access levels making the SDS-760 user-friendly, reliable and operationally smart.

▶ Convenience

With CashComplete™ having full control of the device, identifying and trouble-shooting issues is easy. Receive product alerts via SMS and e-mail through the cloud-based cash management system CashComplete™ Connect.

CashComplete™



Benefits

- ✓ Reduction of labor costs, redeploy staff to value-add activities
- ✓ Loss prevention, reduce shrinkage, counterfeit detection, cash is secured
- ✓ Enables real-time provisional credit
- ✓ Compatible with CashComplete™ Connect Enterprise software

Technical Specifications

Size (W x D x H)	42 x 57 x 117 cm (16,5" x 22,5" x 46,25") 57 x 57 x 117 cm (with coin sidecar) (22,5" x 22,5" x 46,25")
Note Handling	200 notes inlet pocket 100 notes reject pocket Fully automated escrow function
Speed	10 notes/second
Equipped with	CCOD software platform Barcode scanner Bag sealer 57mm thermal printer Envelope drop slot LED status indicator
Storage	4,000 notes bag 10,000 notes bag (optional) 2,000 coins (optional coin sidecar) Transfer safe (included with sidecar)
Security	UL-291 safe CEN IV safe (optional) Coin sidecar: 6 mm steel safe



SDS-35

The Compact Loss Prevention Solution

Transform Your Cash Handling

The CashComplete™ SDS-35 improves accuracy, cash visibility and shrinkage protection for a complete transformation of your cash management. Monitor your cash levels, validate bills to prevent acceptance of counterfeits, and simplify the verification process to securely store notes protecting you and your employees. The SDS-35 is the ideal solution for businesses where cash volume, security and handling takes up a significant amount of staff and time.



Benefits



Reduce time spent counting cash



Full financial control through the CashComplete™ Connect platform



Instantly secure cash and protect employees



Prevent shrinkage and counterfeits



Increase efficiency



Optimize cash inventory

Reduce Shrinkage and Touchpoints

Shrinkage is the loss of cash due to hazards such as theft, accounting errors, and accepting counterfeit notes. These hazards can occur at each touchpoint within your cash cycle, greatly increasing the chance of shrinkage. Integrating the CashComplete™ SDS-35 at the point of sale will reduce shrinkage and streamline your cash handling process by eliminating unnecessary touchpoints and immediately securing your cash.

Easy-to-Use Operator Interface

The SDS-35 includes the industry leading CashComplete™ On-Device cash management operating system.



- ✓ Highly intuitive user interface used across the complete CashComplete™ portfolio
- ✓ Minimal training required
- ✓ Optimized for transaction speed
- ✓ Consolidated cash overview, reporting and machine monitoring by connecting to the cloud based CashComplete™ Connect management platform



Small Footprint

The SDS-35 is one of the smallest solutions on the market, allowing it to be installed directly at the point of sale for instant access. Less than 45 cm tall and weighing only 22,1 kg, the SDS-35 can be mounted directly under your counter top or directly to the floor.

Optional Features

Add a KUBE II printer for receipt printing to increase accountability.

Technical Specifications

Size (W x D x H)	21 x 30 x 43,7 cm (8,2" x 11,8" x 17,2")
Deposit	MFL 4-way read self-centering
Deposit Speed	5 seconds per note
Storage Capacity	Up to 1,000 notes
Net Weight	22,1 kg (48,8 lbs.)
Power Supply	120 VAC 60Hz / 240 VAC 50Hz
Regulatory	UL, CE, and FCC
Printer	Additional Cassettes, Printer, Printer Paper, and Cleaning Cards



Secure 1,000 Notes!

SPS-700 & SPS-800 Next Generation Smart Point of Sale Solution

Enhance Cash Payments at Point of Sale

The new Smart POS Solution is the fully automated Point of Sale recycling solution that minimizes manual cash handling at check-out lanes. It offers your customers improved service with smooth and intuitive payments, always with correct change. Improve uptime by securing the whole cash loop, while preventing the incidence of unfit notes acceptance, counting errors and shrinkage.



NEW

Complete POS Automation Customer Facing Cash Recycling Solution

▶ **Focus on Customer Experience**

Customers pay quickly and easily with both bulk coins and notes at the checkout. Associates can now focus on what's most important — your customers.

▶ **State of the Art Technology**

With a decade of in-field experience in Smart POS and cash recycler component ownership we are able to provide the highest technical standard and the best support.

▶ **Accurate and Instant Validation**

World-leading sensor technology recognizing and rejecting unfit notes and coins.

▶ **High Security**

Automated cash handling offers full in-store cash security with reduced risk of loss.

CashComplete™

► Applications

Smart POS Solution is ideal for bakeries, convenience stores, pharmacies and restaurants as well larger retailers, enabling hands-free cash handling.

► Closed end-to-end Solution, Securing the Entire Cash Loop

For larger retailers with multiple checkout lanes, such as grocery stores and department stores, we offer a closed end-to-end solution with full back office monitoring. The use of a transport unit provides an efficient and secure way to refill and transport banknotes. All the cash transactions are recorded instantly.

► Easy to Install

Its compact design allows it to fit seamlessly into the counter space. SUZOHAPP software offers quick and easy integration into any POS system or application.

► Modular Design

The modularity of SPS-700 and SPS-800 simplifies its operations and serviceability. The solution offers different access levels for additional security and easy maintenance.

► Comprehensive Monitoring Software

The powerful CashComplete™ Connect supervisor software enables management to monitor cashier operations and payment facilities, with real-time replenishment and pickup alerts. For the bookkeepers, it offers live cash flow monitoring with reconciliation, daily credit, and access to wide-ranging reports with a touch of a button.

Benefits

- ✓ Quick and Easy Cash Checkout
- ✓ Increased In-store Security
- ✓ Minimizing of Counting shortfalls and Reduced Shrinkage
- ✓ Saves Time at Tills Open, Close and Shift Changes
- ✓ Accurate, Automated reconciliation and Reporting
- ✓ Improved Customer Shopping Experience



Technical Specifications

	SPS-700	SPS-800
Size (W x D x H)	30 x 44 x 81 cm (11,8" x 17,3" x 31,8")	30 x 44 x 81 cm (11,8" x 17,3" x 31,8")
Speed	1 note per second deposit/dispense	2-3 coins per second deposit 10 coins per 12 seconds dispense
Recycling Storage	100 notes per cassette 6 cassette (600 notes total)	1,200 coins mixed
Storage	600 notes	800 coins
Total Capacity	600 notes	2,000 coins
Currency	Multi-currency as option	Multi-currency as option
Cash Transport	Transport unit 1,200 notes	Pickup box 800 coins
Safe Grade	2mm Steel front access	2mm Steel front access

ICX Active-9

Mid-range Active Coin Sorter

When Performance and Accuracy Matter

Eagerly anticipated, intelligent, and fresh out of the box, SUZOHAPP proudly presents the ultimate, mid-range, strong and reliable coin sorter. The ICX Active-9 is perfect for medium sized businesses, especially those wishing to process medium volumes of coin without having to worry about reliability and capability.

Benefits

- ✓ Superior Coin Identification
- ✓ Active Sorting® Technology
- ✓ Intelligent Coin Processing
- ✓ Flexible Batch-Stops
- ✓ Non-Stop Processing
- ✓ Future-Oriented
- ✓ Data Loss Prevention
- ✓ Advanced Jam-Prevention
- ✓ Service Friendly
- ✓ Vast Data Connectivity
- ✓ Custom Variables and Input Fields

Features & Benefits

▶ Superior Coin Identification

Using the latest in SUZOHAPP sensor technology, the ICX Active-9 computes a specific EMS “Electro Magnetic Signature” for each processed coin. A positive coin identification requires all measured parameters to fall within predefined thresholds (coin windows). This level of accuracy allows the ICX Active-9 to precisely reject unwanted coins like other currencies, counterfeits, unfit coins or token. A maximum of 30 different coin types or tokens can be simultaneously monitored.

▶ Active Sorting® Technology

Active Sorting® technology allows the user to assign each identified coin type to a specific outlet. Since it is possible to dedicate multiple coin types (denominations) to the same outlet the ICX Active-9 can for instance separate all individual USD denominations in outlet N°1-N°6 while simultaneously processing all EURO coins mixed into outlet N°7. Different sorting scenarios can be saved as ‘setups’ which quickly allow the processing of endless variations of multi-coin, multi-token or even multi-currency situations.

NEW



▶ Intelligent Coin Processing

To boost productivity even further Active Sorting® offers intelligent features like coin overflow: A high volume denomination can be dedicated to multiple outlets. The ICX Active-9 will immediately divert coins to its next assigned outlet once a batch-stop is reached.

▶ Flexible Batch-Stops

Each denomination has its individual batch-stop. It is also possible to preset different batch-stops utilizing separate ‘setups’. The machine clearly visualizes the fill-level of each bag and additionally indicates upcoming batch stops by color.

▶ Non-Stop Processing

A passive sorter is forced to interrupt the entire process once a single batch-stop is reached. Active Sorting® Technology enables the ICX Active-9 to temporarily re-circulate ‘individual denominations’ while still processing all other coins. This allows the operator to calmly swap bags during a non-stop operation and guarantees a maximum throughput without any downtime.

► **Future-Oriented**

The ICX Active-9 platform easily adapts to possible changes: The implementation of additional currencies, tokens or coin updates generally will not require any hardware update. SUZOHAPP is also looking forward to improving the ICX Active-9 user interface with possible additional features.

► **Advanced Jam-Prevention Technology**

The internal coin transport is optimized for maximum performance with minimal wear. A small lift feeds the right amount of coins into the coin-disc while also separating dirt and debris. Traditional sorters slide coins across metal rails, which causes extensive wear and material abrasion. The ICX Active-9 gently pinches the coins between a rubber lip and its free spinning coin disc. Even difficult coins of soft alloys can be handled.

► **Service Friendly**

The ICX Active-9 engineering team intentionally reduced all parts to the bare minimum while keeping the overall construction modular. Rather than troubleshooting an entire machine service technicians can quickly swap out internal components like the coin-lift assembly, solenoid-array or the touch-screen panel.

► **Vast Data Connectivity**

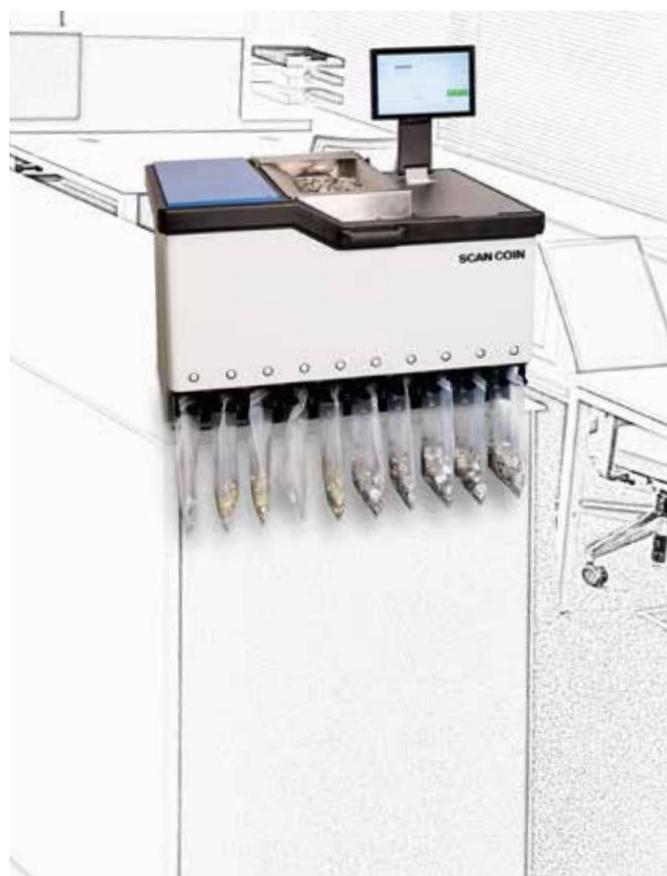
The ICX Active-9 is compatible with the existing ICP Active-9 protocol which supports a direct data transfer via USB to a local workstation. Ethernet network capability also allows remote servers to retrieve processing data via XML files. Needed peripherals like a bar-code scanner, receipt printer or remote display can be directly connected to the touchscreen via USB. There is also a feature to quickly export a process-history as CSV to an external USB drive.

► **Custom Variables and Input Fields**

The ICX Active-9 user interface is customizable and supports any kind of workflow: A bank might need to manually enter additional value (banknotes) while a vending customer probably prefers a drop down menu to select the name of their driver. All additional data is attached to the processed batch result.

► **Data Loss Prevention**

The machine keeps an internal record of all processed batches from the last 6 months. There is even an internal search function to look up records of a specific date range or given batch number.



Technical Specifications

Size (W x D x H)	77 x 61,4 x 54,7 cm (30,3" x 24,2" x 21,5")
Speed	Up to 2,700 coins per minute (varies by currency)

Product Features

- ✓ 9 coin outlets plus 1 for rejection
- ✓ 10" touchscreen user interface
- ✓ Diameter range: 15.0–33.0 mm (0.59-1.3")
- ✓ Thickness range: 0.9–3.5 mm (0.04-0.14")
- ✓ Low power consumption
- ✓ Either desktop or standalone solution
- ✓ 3 USB for accessories or peripherals
- ✓ One ethernet port for networking
- ✓ Additional input and output for accessories
- ✓ Coin outlets are spaced identically to the ICP Active-9 and SC-4000
- ✓ Configuration by standard P-5000 service program
- ✓ Basic ICX Active-9: 1x currency / 10x setups

SC-8220

1+1 Pocket Value & Multi Currency Sorter

Reduce the Manual Cash Handling and Get Full Control of Your Cash

Introducing the SC-8220, a high-quality value and multi-currency counter that delivers outstanding results at low cost. The SC-8220 comes with a pre-set of around 20 currencies.



Benefits



5€ + 10€ + 20€

Value Counting

Count total value of mixed denominations.



Serial Number Reading

The requirement for detecting and registering serial numbers is increasing. The SC-8220 is ready.



3 pcs.

Free Counting Mode

Count number of notes and not the value with optional check of features.



Single Denomination Counting

The first detected denomination will be counted, the other denominations will be rejected.



New Old

Emission Counting

When a new note is introduced on the market, SC-8220 can separate the new from the old one.



Easy to Update

Easy to up-date with new notes on the market. Just plug in an SD card in the value counter.



Detect Counterfeits

Be sure to detect known counterfeits on the market. SC-8220 is based on ECB's requirements of authentication devices.



Well Proven Technology

High quality sensors for Ultraviolet (UV), Magnetic (MG) and Infrared (IR) reading as well as image detection with double CIS.



Easy Flex Between Different Currencies

With a single key press you can switch between up to 20 currencies and/or limit to the main one for daily use.



External UV Lamps

If the quality of some banknotes is extremely poor a UV LED is turned on below the SC-8220 to let you manually check the banknotes.

Full Flexibility for the Distributor with Minimal Effort

The SC-8220 comes with a pre-set of around 20 currencies. One set of currencies is available for each main geographic region containing main international currencies and regional currencies. The distributor has the flexibility to reduce the number of available currencies to each client depending on the local sales organization. Update of notes is available by a simple SD Card insertion.

Full Flexibility for the End User

The SC-8220 proposes two new modes to avoid time consuming and repetitive manipulations:

- ✓ **Multi mode:** it can count up to 3 selectable currencies simultaneously
- ✓ **Auto mode:** it recognizes up to 10 selectable currencies



Integration and Backward Compatibility

For easy back office integration SC-8220 is provided with its own protocol. All transactions can be seen and managed using the free software. SC 8220 come in 8 languages for a user-friendly experience.

Front Access Features

The SD card slot is placed on the front of the machine, thus making the update very simple. If an SD card is kept in the machine, it will contain the list of all notes counted or rejected, including serial numbers of the notes read.

UV LED Bar

A patented UV LED bar placed under the machine helps manual authentication of bad notes. The UV LED bar compares bad notes with the genuine notes for a higher security. The UV lights turn on automatically for a few seconds when the notes are rejected.



Technical Specifications

Size (W x D x H)	27,5 x 26 x 31,9 cm (10.83" x 10.24" x 12.56")
Speed	800 notes/min (serial number) 900 notes/min (value counting)
Net Weight	Approx. 9.3 Kg (20.5 lbs.)
Voltage	100-240 V - 50/60 Hz
Hopper capacity	Max 500 notes
Stacker pocket	Max 220 notes
Reject pocket	Max 50 notes
Note size (W x L)	50-85 x 100-182 mm (1.97"-3.35" x 3.94"-7.17")
Note thickness	0.075-0.150 mm
Sensors	Dual CIS / UV / MG / IR
Display	3.2" colour touchscreen LCD
Interfaces	USB, SD Card, LAN, serial port for printer and external display port



DTC Series

Proven Sensor Technology, Highest Reliability, Extreme Accuracy

Designed to satisfy the market's need for reliable and modern cash processing, the DTC Series is a strong performer in sorting and counting, as well as in rejecting foreign and damaged coins. Through the unique sensor technology these solutions offer outstanding accuracy, combined with high reliability.

Flexible Choices

Depending on how many denominations you wish to count and sort, choose the DTC model that best meets your needs. The DTC-1 sorts and counts one denomination, the DTC-6 six denominations and the DTC-9 nine. An optional second solenoid can also be installed to separate a second currency or tokens.



DTC-9

9 Pocket Value Sorter For Mixed Coins



Latest Features and Operating Excellence

The touch screen display and the keypad for easy operation ensure years of operating excellence

Heavy Duty Coin Sorter

Built in strong metal, it counts up to 520 coins per minute and sorts them into boxes. If two denominations are too close in diameter there is an option to install a second solenoid for optimal sorting

Several Sorting Options

It can be equipped with bag holders as well as coin tube holders

Detect Foreign Coins

The unit features automatic rejection of foreign and damaged coins, as well as programmable batch stops

Reliable and Versatile

The latest design is made to fit in different working environments, such as banks, supermarkets, casinos, retail stores and other areas where cash is being handled

Easy PRO and Dual Coin PRO

The Best Selling Change Machines

Compact coin change machine which perfectly fits into all environments: shopping centres, gyms, airports, service stations, arcades, offices, bars and internet cafés.

Sturdy and capacious coin change machine. Its reinforced closing mechanisms and ccTalk protocol make it one of the most secure change machines on the market. It can be equipped with a banknote reader with built-in stacker to stack up to 600 banknotes.



Features

- ✓ Dispensing of one type of coin/token
- ✓ Pivoting door to facilitate dispenser-loading and cash box removal operations
- ✓ Installation on a base, a countertop or wall-mounted
- ✓ SD-card for programming, upgrading firmware and exporting accounting data

Features

- ✓ Dispensing of two types of coins/tokens
- ✓ Installation on a base, a countertop or wall-mounted
- ✓ SD-card for programming, upgrading firmware and exporting accounting data



Changeuro MultiCoin

Excellent Coin Capacity

High flexibility due to the possibility to manage up to 4 hoppers.

The version with two hoppers with extensions can reach a coin capacity of up to 11,000 1 € coins.

Features

- ✓ Dispensing up to 4 different coins/tokens
- ✓ Possibility to equip with a card reader and/or banknote reader
- ✓ Automatic or manual coin/token dispensing
- ✓ The separate dispensing of coins and tokens, which are contained in different hoppers, can be selected using the appropriate button
- ✓ Wall mounted by means of 3 anchoring bolts at the back side of the device, or free standing on a cabinet base



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