

GLORY

Vertera™ 6G

Glory teller cash recycling; the hub of the modern bank branch



www.vertera6g.com

The evolving bank branch

“Modern” banking

The global financial industry is in a radical state of change today. Proliferation of channels, regulation, internal and customer accessed technology, operating costs, capital investment choices, general and competitive business challenges are everyday, and real-time.

Offsetting this, of course, is an equal or greater proliferation of opportunities, for the prepared financial institution ready and willing to support customers and their growing needs.

A central decision for most financial institutions is how they will leverage a primary, unique asset in a rapidly changing environment: the bank branch network.

The evolving role of the branch

The branch network remains the primary marketing and services delivery mechanism for most financial institutions.

Banks and marketing

Many marketing options exist for financial institutions, from television advertising to on-line marketing to direct mail and even to traditional newspaper marketing; public sponsorships are possible, other community involvement is welcomed. Still, the most consistent means of declaring a bank is in a community – and the number one reason the branch remains a core part of image and brand, both for winning customers and a key way to attract and retain quality employees. The last decade’s global attention to upgrading branch networks is evidence of the importance of the channel to sales success.

Service delivery

Many delivery channels have emerged in the past few years, from stand-alone self-service to telephone banking to on-line banking. Each of these offers a convenience advantage to the customer and/or a delivery cost advantage to the financial institution. These are great reasons for a bank to pursue these channels in their portfolio. Yet, when asked, customers continue to see the branch as a critical resource, for their larger, more complex, and more sensitive transactions, and banks see the branch as the best way to attract customers, develop relationships with them and close sales.

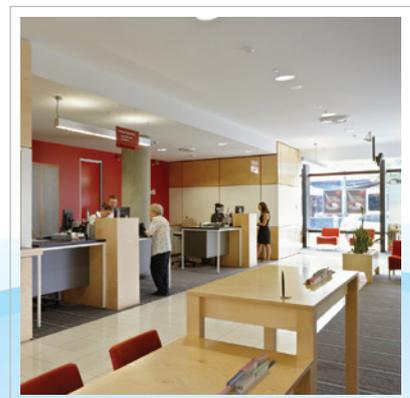
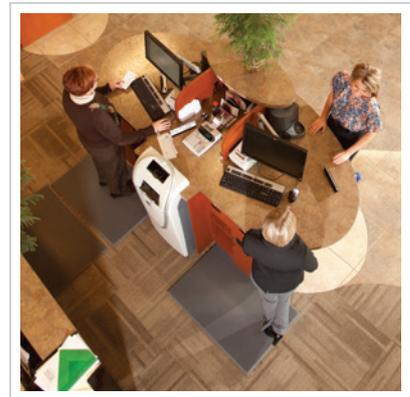


Making branches work

How, then, to maximise the value from the branch network at the lowest possible delivery cost? As always, this starts with a clear understanding of how the branch functions as a “hub” for customers, and in turn how to optimise the resources that supply, operate, and service those customers in the most effective fashion possible. At its best, the modern bank branch will:

- Attract new customers
- Create a high quality experience that encourages existing customers to return to acquire new products and services
- Enable the education of customers to make the best cost/performance decision in channel selection
- Operate at the lowest possible labour cost
- Efficiently access the greater resources of the financial institution, including cash management and planning resources

What tools are available to make this possible?



Glory teller cash recycling; the hub of the modern bank branch

The bank branch is the centre of the customers' banking relationship; teller cash recycling is the centre of the effective bank branch, in order to develop closer customer relationships.

Glory teller cash recycling impacts many areas of the bank branch, enabling financial institutions to focus on service excellence together with increasing customer engagement whilst still reducing cost.

The Vertera 6G teller cash recycling solution from Glory is a significant evolution in our long history of delivering the best in cash automation performance for our customers. Vertera 6G delivers real business benefit at multiple levels within the branch, presenting a comprehensive and integrated solution to effectively and efficiently address the requirements of the customer, the teller, the branch manager, and the bank executive team in daily banking service delivery.

Banking services

- Facilitate better banking service levels
- Free resources and create opportunity for increased sales
- Improve queue management at the teller position
- Significantly remove the need for manual handling of cash
- Automate and dramatically reduce time taken to complete start and end-of-day procedures
- Optimise branch cash management processes
- Engage in cross and up-selling, new customer acquisition and consultative service delivery
- Enable real-time large deposit processing for commercial customers



Vault and cash management

- Drive down back office operational time and cost
- Alleviate dual custody cash control challenges
- Dramatically reduce vault buy and sell transaction times
- Introduce the ability to view cash balances within the branch instantly
- Reduce cash holdings within the overall branch
- Enable effective cash forecasting



The new Vertera 6G offers a unique combination of powerful features to transform customer relationships and drive profitable branch operations

Branch design

- Eliminate expensive alternative security measures
- Create flowing, open plan environments
- Allow for easy task-sharing across roles
- Enable ease of integration into existing and new branch formats
- Operate smaller facilities without reducing customer floor space

Product and solutions sales

- Encourage interaction between customers and staff
- Shift focus from physical transaction to relationship building
- Create time for customer and staff conversations
- Free space for sitting areas, marketing material, and consultation space
- Align branch resources to customer demands



Vertera 6G: for your customers, your staff and your stakeholders

Glory has been a leader in Teller Cash Automation for more than 30 years, with hundreds of innovations in cash handling, note detection and authentication, storage technology, security, connectivity and applications. From the first ATM (1967), to the first teller cash dispenser (1979), to the first teller cash recycler (1983), and now to the most sophisticated teller cash automation system we have ever offered, Glory is pleased to meet our clients' evolving needs.

Vertera 6G and Glory experience, expertise and know-how, deliver a comprehensive, integrated, enterprise-wide solution, addressing many of the most pressing demands of the modern bank branch and their customers.



Ease of use

- Large touch screen display, providing intelligent user assistance and direct access to many key teller functions, all to improve efficiency and availability
- General ease of use, with a simple design and intuitive layout, ensuring minimal training time is required
- Excellent, proven ergonomics, providing maximum user comfort, whether in seated or standing operational modes



Intelligent note handling

- SDA II (Secure Document Analysis technology) provides advanced authentication, identification and fitness analysis with simultaneous multi-currency detection. Top-level fitness checks such as tape* or other specialised defect detection* can be included as required. Our superior system precludes counterfeits, provides flexible control, and ensures Central Bank fitness requirements are met
- Low reject rates and high fitness accuracy support sophisticated note counting and sorting, ensuring user acceptance and eliminating manual note handling
- The Count function enables fit/unfit, face/orient, counterfeit separation and other options, enabling cash holdings and handling to be optimised



Flexible note storage and management

- Flexible banknote storage options with variable capacity, configuration and size, provide a future proof system to protect your investment
- Sorting and storage may be by currency, note, fitness and/or orientation, allowing you to adjust machine performance to your operation
- Secure Transfer Concept (STC), allows for secure and controlled unloading of excess notes for re-use elsewhere in the branch without opening the cash safe



* Optional extra

** Requires purchase of a licence

*** 8RSM UL 291 configuration

Some features may have late availability



Enhanced connectivity and integration

- Advanced connectivity with native ethernet, USB (device and host) and serial port options
- Vertera interface support with legacy Talaris and De La Rue TCR connections
- Supports all open connectivity standards for teller cash automation device control
- CashInsight™ Bridge built in** providing continuous performance monitoring and remote device management, improving system availability
- Remote updates and upgrades of management software, pattern software, and on-board applications



High capacity, small footprint

- Small footprint and service area; compact, under-desk installation. Vertera 6G fits in perfectly in compact branch designs, leaving maximum floor space dedicated to customers
- Available with 4, 6, or 8 roll storage modules, holding up to 4,800 recyclable banknotes
- Safe configurations to meet specific security requirements by site
- Only 948mm total length*** to fit virtually every teller or cashier space
- Optional STC, provides additional deposit storage for up to 1,500 banknotes



Future-enabled

- Designed to allow support of up-dates to meet future requirements of new note templates, fitness requirements and security features
- Expandable storage concept allows expansion from 4-8 storage modules
- New or upgraded on-board applications can be deployed remotely as program needs change

Cash management solutions that deliver measurable results

For your customer, modern retail banking is about choice. For Glory, it is about delivering a comprehensive portfolio of cash management solutions that deliver measurable results: better service delivery to customers, better revenue performance, general business optimisation, and ever-important bottom line profitability.

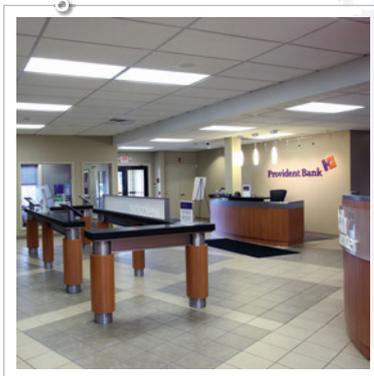
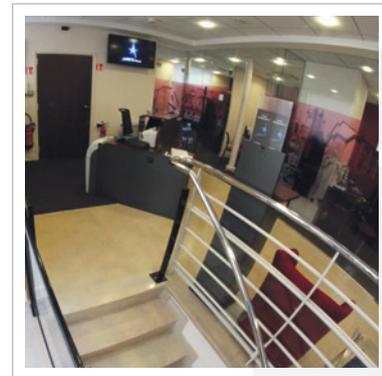
But who are Glory Global Solutions? We are a global business of over 2,500 professionals, with direct offices in over 20 countries, and a network of more than 350 business partners providing solutions in more than 120 countries. We are recognised as a world leader in provision of teller cash recyclers, cash dispensers, and award-winning software solutions. We are a leader in currency and coin counting, sorting and packaging, and are the largest provider of automated teller machine OEM mechanisms in the world. We are the only "end-to-end" supplier of cash recycling systems in the world, designing, manufacturing, deploying, connecting and supporting our own solutions. This gives us a truly unique perspective on the needs of our clients worldwide.

More important than all of these attributes, however, are the results we deliver to our customers.

The Vertera 6G offers a unique combination of powerful features to transform customer relationships and drive profitable branch operations

Crédit du Nord, France

The Crédit du Nord Group, whose relationship banking strategy is based on customer satisfaction, on professionalism and innovation, has been placing its trust in Teller Cash Recyclers.



Provident Bank, USA

Since implementing TCRs, the Bank's customers report improved customer service, faster transaction time, reduced queues, and more attention to them. Integration with business intelligence solutions is simultaneously optimising staffing and reducing cash holdings for the bank overall, for well-balanced benefit for all.



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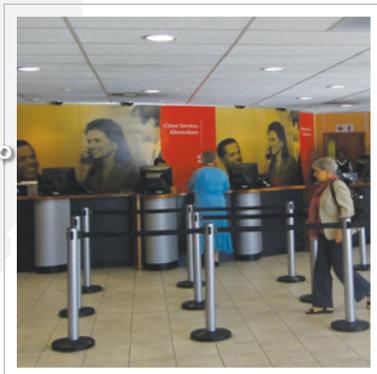
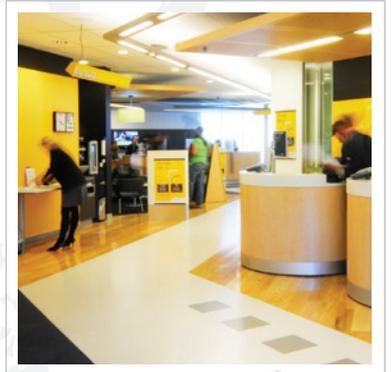


Saudi Hollandi Bank, Saudi Arabia

Saudi Hollandi wished to deal effectively with customers who came to perform cash transactions in branches, but at the same time provide a high level of personal customer service that would help them develop potential sales leads. Their customers' improved branch experience following the addition of TCRs made TCRs a central part of their planning for branch refurbishment investment.

Commonwealth Bank, Australia (CBA)

CBA was able to optimise branch costs whilst still offering a service that allows them to differentiate themselves in terms of convenience, speed, personal interaction and ultimately customer satisfaction. CBA saw a significant sales uplift after the implementation of teller cash recyclers.



ABSA, South Africa

ABSA have improved customer service by their tellers providing a more personalised approach in branches and reduced transaction times, which has also resulted in a 43% average shorter queue time. Staff satisfaction has increased, with no teller balancing errors and end-of-day balancing reduced by 66%. Operational costs have also been reduced, with a 90% reduction in treasury costs – direct results of implementation of TCRs.

The total solution

More than just a hardware provider, Glory provides all the capabilities required to successfully design, deploy and deliver the benefits of Teller Cash Recycling.

As the pioneers of cash recycling technology, Glory have always strived to meet our customers' demand for reliability and efficiency.

Our unique blend of technical expertise, manufacturing excellence, application and operations consulting, and outstanding customer support, combine in a total solution that allows our customers to reduce cash handling and holding cost and optimise "back office" teller and branch operations.

This in turn allows our clients' teams to focus on their customers, and total business performance is significantly improved.

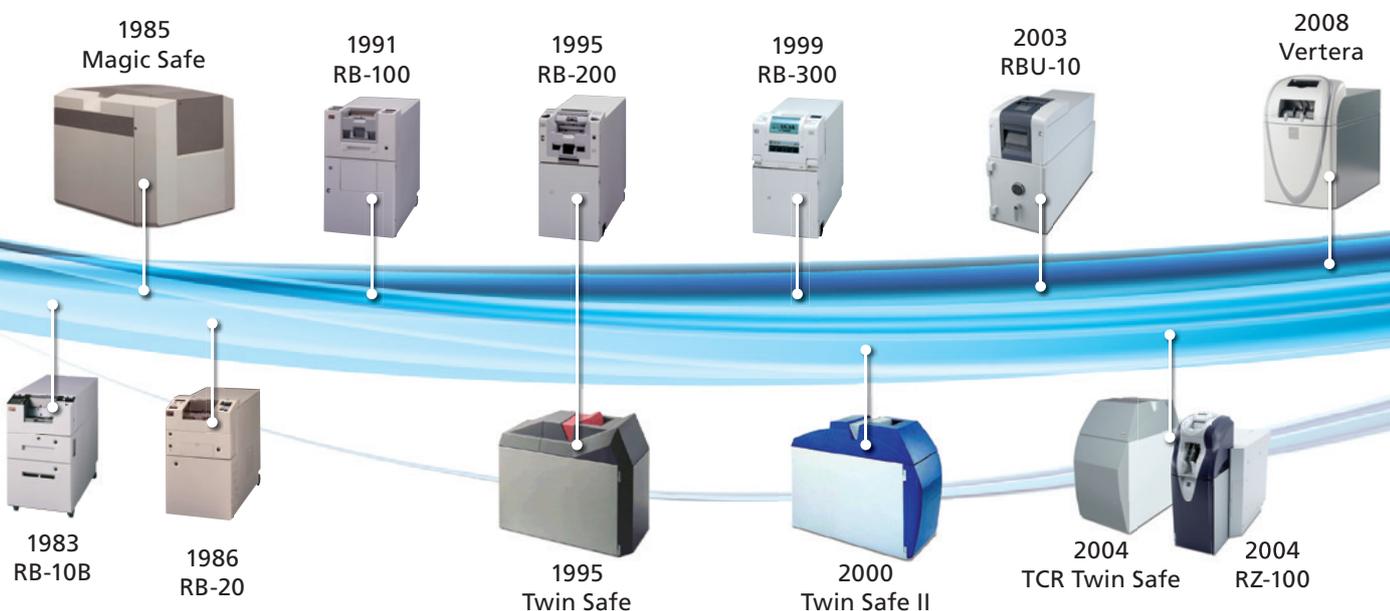
At Glory, we are continually working with our customers to design, develop, and deploy solutions appropriate to both the immediate and future needs of the marketplace. We continually invest in market research, engineering research and development and customer application development. The Vertera 6G is the latest result of these efforts.



Everything we know... so far

Vertera 6G represents the current state-of-the-art in teller cash recycling – performance, reliability, user interface, and total execution, from operating principles through environmental sensitivity at all stages of manufacturing, transport and operation.

Vertera 6G is the latest in a long history of teller cash recyclers from Glory. Over the decades, our solutions have become smaller, faster, more intelligent, more flexible, more connected, and ever-more capable of meeting our clients' cash handling needs.



Vertera 6G Technical Information

Roll storage system	4, 6 or 8 RSM options
Capacity	Up to 600 notes per RSM
Touch screen display	7" Touch Screen
Note handling	Note length: 100-185 mm Note width: 55-90 mm Note thickness: 0.06-0.18 mm Paper, polymer, composite, tactile feature-note capable
Note processing speed	Dispense: 7 notes per second Deposit: 5 notes per second in a single pass
Users	Unlimited users (subject to software used)
Machine input and output	Input pocket – up to 300 notes per bundle, unlimited bundles Output pocket – up to 100 notes, unlimited bundles Reject pocket – up to 50 notes, unlimited bundles
Interfaces	2 USB device ports or 2 serial connections 1 USB host port, to support printer and other peripherals 1 TCP/IP port
Connectivity	DeviceController™ J/XFS, native driver packages XML interface option CashInsight Suite compatibility
Remote monitoring	CashInsight Bridge SNMP Agent

Business intelligence	Cash Management: Fiserv ICM connection Staff Optimisation: Verint, GMT connection
Door configurations	Manual drop deposit door Plain door STC cover door
Detection	SDA II Fitness configurable for ATM fit, normal fit, unfit optimisation Defect detection options including TAPE
Power supply	100-240V AC, 47-63 Hz
Power consumption	1.25 kWh typical average daily power consumption (based on 3000 note movements per day)

Dimensions and weight

Model	Dimensions (L x W x H) mm	Height under Desk mm	Weight kg
UL291	948 x 465 x 796	670	317
CENIII	981 x 510 x 796	670	452
CEN/L	948 x 465 x 796	670	332
CENIV	981 x 510 x 796	670	522

Standing configurations:

UL291: Add 214mm height
CENIII: Add 264mm height

Options

Secure transfer concept (STC)
Uninterruptible power supply
Connectivity to all open network architectures
Unfit note drop deposit boxes
Sitting or standing height configurations
CashInsight Assure teller/cashier application
CashInsight Bridge remote monitoring and management
RSM capacity management



Weight: 317kg

Weight and dimensions shown are for an 8 RSM model with a UL 291 safe. Data for other configurations will vary, please contact your nearest Glory office for details.

Some features may have late availability.

The Glory Global Solutions Commitment

Glory Global Solutions is a world expert in cash management delivering technology and service solutions that provide security, productivity and innovation to our customers in more than 100 countries worldwide. These solutions are supported by the technical expertise of Glory Group of Japan, a pioneer in the development and manufacture of money handling machines across the financial, retail, vending, amusement and gaming industries for nearly 100 years.

The company is committed to meeting society's wide ranging needs for accurate, secure financial transactions between individuals and businesses, and between businesses.

As a responsible organisation we maintain a disciplined approach to our corporate governance and operate to the optimum professional and ethical standards in all aspects of our business. Glory Global Solutions strives to be an exemplary employer, and will always seek to provide a fair, safe and productive work environment where all employees can grow and be challenged. Wherever we operate, our objective is to contribute actively to the community and the local environment including consistent environmental responsibility.

Our philosophy, business priorities and everyday practice are summarised in a single commitment:

We Secure the Future.



Glory Global Solutions

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