



## TCR Cash Optimization

### Next-Level Efficiency for In-Branch Cash Operations

#### Reducing the Cost of Cash Across Your TCR Network is Essential

Despite the growth of digital payments, access to cash services remains the key reason consumers engage with their financial provider in the physical world. Balancing cash availability, inventory and operational costs is challenging. While Teller Cash Recyclers (TCRs) allow secure and efficient in-branch cash handling, how do you manage cash inventories? Enhancing cash management across your fleet drives the profitability of your retail banking operations.

#### Empowering You to Offer Compelling Cash Services Cost-efficiently

Included in our Branch Automation Solutions portfolio, the TCR Cash Optimization Managed Services Package enables financial institutions to lower cash-related costs while enhancing the customer experience. We achieve this through strategic cassette configuration and advanced cash order recommendations to ensure optimal cash levels — fine-tuning cash inventories for each TCR.

#### Cassette Configuration Tailored to How Your TCRs are Used

Did you know that configuring TCR cassettes based on actual usage patterns can significantly reduce cash handling and related costs – while also decreasing the amount of moved bank notes, leading to extended uptime and device lifespan?

Cash usage patterns, such as transaction volume and bill-mix, can vary widely between TCRs, making one-size-fits-all cassette configurations ineffective. Adaptability is key; that's why Diebold Nixdorf offers 4 cassette types for DN Series® 600V, making it possible to optimize configurations, maximize device capacity utilization and better match TCR usage.

- Data-driven simulation: Our proprietary software analyzes transaction data<sup>1</sup> per TCR and uses advanced algorithms to simulate configuration options.
- Expert validation: Our cash analysts evaluate the impact of configuration changes on load/unload frequency and moved bank notes.
- Actionable insight: You receive quarterly configuration recommendations or a what-if-scenario analysis for informed decision-making.

#### AI-Powered Forecasting for Smarter Cash Order Planning

Achieve the perfect balance: always-on cash availability with optimal cash inventory levels. Our intelligent planning system predicts future usage at each TCR, guiding the branch staff with optimized cash load details and timing for cash removals.

- Monitoring: TCR cash data at the denomination level is automatically collected for all cassette types (including deposit).
- Forecasting: Cutting-edge software with AI capabilities processes historic cash usage and current inventory data to accurately predict future cash needs for each TCR.
- Optimization: Cash load/unload recommendations are generated based on cost parameters and highly configurable business/logistical rules.
- Features: We support the TCRs deposit and recycling functionality and multiple currencies in one device.
- Supervision: DN Cash Analysts validate and fine-tune system parameters to drive performance.

<sup>1</sup>TCR Connectivity to DN AllConnect<sup>SM</sup> Data Engine must be on

# TCR Cash Optimization Managed Services Package

## Building on a Solid Foundation

As many customers expect efficient and convenient cash services at the counter, the TCR channel is key to supporting productivity and a positive experience. Therefore, the **TCR Availability and Security Solution Package** forms the backbone of TCR Cash Optimization. Our data-driven managed services ensure your fleet reaches market-leading uptime, while remaining compliant and protected. Your institution benefits from DN's operations expertise, advanced technologies, proven processes and the industry's best service teams.

## Better Together

Diebold Nixdorf leverages its unique position in the industry as an end-to-end TCR manufacturer and provider of software and services to deliver a holistic approach to TCR cash availability.

### DN SERIES® 600V TCR

- More Available: usable by multiple tellers simultaneously; purposely built as an IoT device for data-driven excellence with over 150 sensors and 100 other data points.
- More Secure: different safe options; advanced alarm board; bill validators protecting from counterfeits.
- More Future Ready: ability to swap cash cassettes between ATMs and TCRs within the branch for additional staff and cash efficiencies in the future.

### VYNAMIC® CONNECTION POINTS (VCP) TERMINAL SOFTWARE

- VCP-Branch is self-contained and locally controlled on the TCR, requiring no dependency on any other teller system.
- Enables TCR and coin devices to be managed and monitored in one solution.
- Simplifies balancing steps and speeds up overall processes.

### DN ALLCONNECT IMPLEMENTATION AND MAINTENANCE SERVICES<sup>SM</sup>

- No company other than Diebold Nixdorf can better implement and maintain a DN TCR.
- Effective TCR deployment from site survey and preparation to staging, logistics, replacement and disposal.
- Our award-winning service model combines the industry's best technicians, infrastructures, and processes with the use of DN AllConnect<sup>SM</sup> Data Engine. Incidents are resolved faster, with top first-time fix rates and predictive maintenance.

## What's in it for You

### MORE EFFICIENT CASH OPERATIONS

- 99%+ cash availability
- Access to expertise pool
- Removes the burden of cash management
- Enhanced risk management

### LOWER TOTAL COST OF CASH

- Up to 30% cost reduction
- Lower cost of capital
- Reduced cash handling
- Less branch staff attention needed

### INCREASED REVENUE

- Increased productivity
- Frees branch staff for revenue-generating interactions
- Higher staff and customer satisfaction
- Increased customer flow and transactions

## Branch Automation Solutions: The Ultimate Banking Experience

Branch Automation Solutions are easy to adopt, software-enabled managed services packages that facilitate seamless, richer and faster consumer journeys by merging self-service, branch and digital technologies to nurture and grow customer relationships. The solution packages enable financial service providers to improve the efficiency ratio and augment the consumer experience while enhancing the cash ecosystem, further automating processes, reducing operational costs, optimizing the branch network and driving customer loyalty.

Learn more at [DieboldNixdorf.com/BranchAutomationSolutions](https://www.DieboldNixdorf.com/BranchAutomationSolutions).

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