



NCR OptiVault

EITHER AS A STAND-ALONE OR COMPLEMENTING, NCR OPTICASH, VAULT FORECASTING AND OPTIMIZATION IS PROVIDED BY OPTIVault, UP TO THE HIGHEST FUNDING SOURCE. KNOW WHERE YOUR CASH IS AT ALL LEVELS.

For more information, visit ncr.com, or email ncr.financial@ncr.com.



MEETING THE WHOLESALE CASH MANAGEMENT CHALLENGE

The challenge of successfully managing cash is the same whether you are a community bank with vendor managed vaults supporting a few branches and ATMs, or a global financial institution with hundreds of vaults and tens of thousands of cashpoints and commercial customers.

- Hold only the required cash inventory
- Fully utilize the process capacity
- Maintain sorted inventory to meet demand
- Maximize custodial inventory or notes held to order opportunities

Ensuring sorters and processes are kept busy, backlogs are well managed, inventory is never overstocked and orders are fulfilled requires great planning at the denomination and quality level.

Ordering and returning the right denominations to the central bank requires good denomination level forecasts of orders and receipts and a good forecast of usable inventory based on accurate modeling of process and sorter capacities, quality yields and lead times.

NCR OptiVault is a proven enterprise scale vault process modeling and optimization solution capable of modeling vault operations at the denomination and note fitness category level in the most complex arrangements of cash centers.

SCALABILITY FOR WHOLESALE OPERATIONS

NCR OptiVault is fully scalable from the most simple outsourced vault supplying cash dispensing ATMs to the most complex a network of vaults and cash centers servicing branches, automated cash devices and commercial customers.

- Ensure vendors efficiently and effectively manage inventory in simple outsourced vault operations
- Facilitate smooth efficient cash flows and efficient inventory levels in cash distribution centers
- Model cash processing centers with teller verification and machine sorting
- Optimize vaults with multiple independent balances and custodial inventory holdings
- Manage networks of hundreds of vaults in complex supply chains supporting thousands of commercial clients, ATMs, branches and other financial institutions

From community banks to large national central banks, NCR OptiVault scales to optimize any operation.

EFFICIENT CHANGE MANAGEMENT

Efficiently on boarding new commercial customers and cashpoints or adjusting plans to accommodate the loss of a customer is a routine planning challenge for wholesale cash operations.

NCR OptiVault maintains forecasts for cashpoints and each commercial customer allowing cashpoints to be easily moved between vaults, dropped from the plan or historical data from new cashpoints used to generate a forecast and smoothly on board them.

COMPLEMENTARY SOLUTIONS TO NCR OptiVault

Cash Logistics Management

NCR's Cash Logistics Management solutions allow Financial Institutions to track return and cash ordering information from/to a variety of sources, including ATMs, Branches, the Central Bank, commercial customers, and other banks and external vaults. It is made up of several components that enable customers to have a single view of real-time cash position.

Vault Balance, just one of the solutions from this portfolio, provides a vault network cash view regardless of denominations and/or currency quality. Whether your vault is in-house or out-sourced, Vault Balance provides the cash position visibility needed to ensure efficient and cost effective cash operations.

NCR OptiCash

NCR's branch and automated cashpoint cash optimization solution and NCR OptiVault are designed to work together. NCR OptiVault aggregates NCR OptiCash's forecasts for each individual ATM, Branch or commercial customers.

NCR OptiNet

NCR's collaboration tool for cash management enables commercial customers to place cash orders with the vault or pre-notify the vault of cash collections.

POWERFUL CONFIGURATION OPTIONS

NCR OptiVault provides comprehensive configuration options to allow it to model every cash operation.

- Supported cashpoints and sources of funding
- Process lead times, sorter capabilities and business days
- Currency denomination, fitness categories and quality yields
- Costs, constraints and policies

THE INFORMATION TO MANAGE YOUR VAULTS

Comprehensive management reporting tools provide the analytics required to manage vault operations from individual cash centers to enterprise scale operations.

- Supply and demand forecasts
- Historical transaction and performances
- Custodial inventory
- Cost actuals and projections



THE RESULTS SPEAK FOR THEMSELVES

NCR OptiVault accurately forecasts total branch, ATM, and commercial demand for a complete, enterprise view of overall currency requirements.

It is the most comprehensive vault cash management software solution available as proven by banks worldwide.

- Eliminates excess inventory
- Reduces overtime through better alignment of available inventory and demand
- Reduces cross shipping penalties and costs
- Maximizes benefits of custodial inventory or notes held to order
- Maximizes sorter utilization
- Reduces central bank ordering through better forecasting and utilization of commercial deposits

WHY NCR?

NCR Corporation (NYSE: NCR) is a leader in omni-channel solutions, turning everyday interactions with businesses into exceptional experiences. With its software, hardware, and portfolio of services, NCR enables nearly 700 million transactions daily across retail, financial, travel, hospitality, telecom and technology, and small business. NCR solutions run the everyday transactions that make your life easier.

NCR is headquartered in Atlanta, Ga., with over 30,000 employees and does business in 180 countries. NCR is a trademark of NCR Corporation in the United States and other countries.

NCR Corporation
864 Spring St NW
Atlanta, Georgia 30308