

NCR APTRA™ OptiCash

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Reducing the cost of cash

Cash is the biggest addressable operational cost for retail bank branches and ATMs. The challenge for Financial Institutions is how to meet their customers' need for cash at the lowest possible cost.

The most common approach depends on demand forecasting and order automation tools with generous safety stocks and emergency cash orders to prevent outage.

Achieving the lowest overall cost depends on independently optimized plans for each cashpoint, refreshed continually as cash demand and operating conditions change.

Networks with safety stocks greater than 15% of deliveries, and that experience more than very occasional cash outages or emergency cash orders could realise savings of millions of dollars per year.

APTRA OptiCash is unique in its ability to automatically and continuously optimize cost for individual cashpoint replenishment plans ensuring that the lowest possible cost is always maintained.



Cash operations process automation

Delivering great cash management performance every day requires far more than forecasting and optimization. Great execution depends on error free, timely, dependable delivery of orders to vendors and perfect tracking. APTRA OptiCash has powerful tools that allow cash operations teams to automate these tasks.

- Balance data import
- Daily order processing
- Delivery tracking
- Pre-emptive alerts to allow action to be taken before cashpoints are out of service
- Management reporting





Cash operations strategy

Cash management strategies must support more complex retail banking operations with new branch models, increasingly complex cash automation devices and evolving commercial customer services to name a few.

Cash management leaders need to make informed decisions on cash servicing strategy and the ability to measure results. APTRA OptiCash provides powerful simulation tools to evaluate strategies and powerful monitoring capable of ensuring their effectiveness in the most complex network.

- Comprehensive network modelling tools consolidate cashpoint data in a single database
- Tools to efficiently update cost and contract details across the network
- Performance analysis and continuous improvement reporting
- Budgeting and financial planning support
- Simulation or “What if?” tools to project the impact of possible changes



Continuous improvement

Directing continuous improvement efforts and measuring their effect is a way of life in every successful business.

APTRA OptiCash provides cash operations with a comprehensive set of tools to drive effective continuous improvement.

- Balance data health diagnostics
- Forecast quality reporting and outlier identification
- Forecast optimization tools





Stakeholder involvement

State of the art forecasting, optimization and automation are powerful tools but cannot predict a new national holiday or a major sporting event. They are unaware of a road closure outside a branch which will significantly reduce ATM transactions. APTRA OptiCash combines the best automation and analysis with input from stakeholders of the cash cycle to manage predictable and unpredictable events.

- Dashboard for analysts presenting all relevant information to their cashpoints
- Multiple pre-notified event calendars flexibly applied to all or groups of cashpoints
- Integration with APTRA OptiNet branch collaboration tool





The results speak for themselves

APTRA OptiCash delivers measurable results in every implementation. Costs and operating approaches differ widely from country to country and bank to bank as do the individual savings.

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

- Automate the cash ordering process
- Eliminate excess and un-required cash inventories
- Eliminate excess cash shipments

- Pre-emptively address out of cash events
- Dramatically reduce the number of emergency cash orders

Whether you operate in a high interest economy and your primary savings come through balance reduction, or you have high cost transportation and your savings result from fewer deliveries, typical savings are in the order of **\$1,000** per ATM and **\$2,000** per branch per year.

Why NCR?

NCR Corporation (NYSE: NCR) is the global leader in consumer transaction technologies, turning everyday interactions with businesses into exceptional experiences. With its software, hardware, and portfolio of services, NCR enables more than 485 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.

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