

NCR APTRA™ OptiCash

Want to reduce the cost of supplying and maintaining cash?

YES

Optimized cash supply chain management

NCR APTRA OptiCash is an advanced cash management solution that predicts the demand for currency at each cash point on an individual basis. By applying sophisticated mathematical algorithms to historical, event and cost data, the optimum cash position and delivery schedule for each cashpoint is determined. Past demand, holidays, local and national events, and current trends (i.e. interest rates) are among the variable data analyzed. APTRA OptiCash then provides order recommendations, which are optimized to provide the best service levels for cash delivery at the lowest possible cost. APTRA OptiCash is the foundation of NCR's APTRA cash management solutions.

- **Precision network cash position analysis**

APTRA OptiCash avoids the trap of working with averages and instead provides information on the cash position and demand forecast for each individual cash point. This provides the level of visibility and granularity needed for true system optimization.

- **Take action before a cash outage occurs**

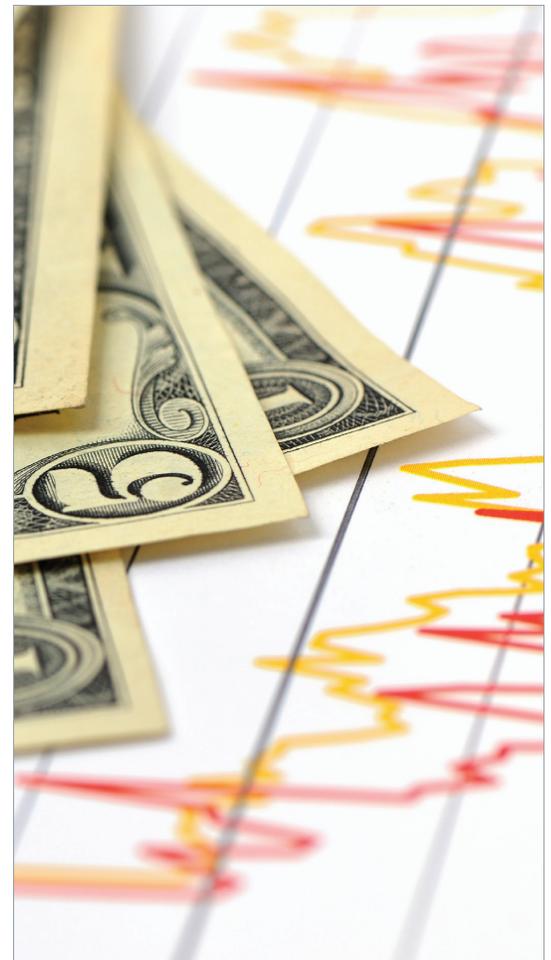
Rules and thresholds can be set within the APTRA OptiCash solution for each individual cash point, so if the difference between actual cash levels and predicted levels exceeds a prescribed threshold, the system will issue a pre-emptive alert.

- **Improve consumer service and reduce costs**

Simply knowing the cash position of an individual cash point can help operators ensure that an out-of-cash situation does not occur. Advance knowledge of a potential shortage provides the opportunity to handle the situation in a non-emergency fashion, helping to reduce costs and maintain higher levels of consumer service.

- **Reduce cash requirements and delivery costs**

Accurate forecasting leads to a reduction in the amount of cash required in the network, a reduction in the number of cash deliveries and an overall reduction in the cost of the whole cash supply chain.



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

Key Features

- **Seamless Integration:** The platform independent nature of OptiCash enables easy integration with existing bank systems and networks
- **Flexibility:** OptiCash can fit in with existing cash management processes where required
- **Cost Management:** OptiCash tracks carrier and supply costs and interest rate effects
- **Seasonal Variation:** OptiCash accounts for holidays and local events when making recommendations
- **Alerting:** Pre-emptive alerts to avoid cash outages when actual usage moves out of step with predictions
- **Emergency Tracking:** Issues and tracks emergency orders if cash shortages occur
- **Simulation:** Performance measurements and “what-if” simulation for contingency planning
- **Reporting:** Track the effectiveness of your cash operations

Why NCR?

With over 125 years of experience and knowledge, NCR is a leading global provider of payments, assisted- and self-service solutions. NCR has been the global number one manufacturer of ATMs for more than 22 consecutive years. We help our clients around the world improve their customer interactions, implement change quickly and proactively, and transform their businesses to become leaders and change agents. We can help you, too.