

RENOME SMART



Automation of cash
circulation management

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Optimization of Cash Management in the ATM Network

Despite the rapid growth of cashless payments worldwide, cash remains in high demand, and in many countries, it continues to be the primary method of payment. This fact is consistently confirmed by statistics: year after year, the total amount of cash dispensed by ATMs at the request of cardholders is growing. Today, this amount reaches hundreds of billions of dollars. Before reaching the bank customer, this vast sum of cash travels a complex path from the bank's vault to the safe of even the most remote ATM.

The Challenges of Manual Management

The process of "manual" cash management in many financial institutions leads to:

- **Excessive accumulation of cash** in the ATM network to avoid "out-of-cash" situations (Idle Funds).
- **High "cash-back" levels** (remaining cash removed during replenishment), which requires expensive re-processing.
- **Human error** in calculations and organizational planning.

The Solution: CashLab

CashLab is a proprietary cash management and CIT forecasting system developed by RENOME SMART. CashLab was developed in close cooperation with financial institutions, and the effectiveness of its mathematical calculations and forecasting has been repeatedly proven on real-world ATM networks.

During the development of the solution, not only modern technologies were used, but also new methods of creating software systems.

This allowed for the creation of a product that fully meets the needs of banks and global best practices in cash management.

The growth of cash in circulation inevitably leads to an increase in the costs of supporting cash turnover processes. Every day, tens of thousands of ATMs worldwide undergo replenishment, and an entire army of bank specialists calculates the necessary replenishment for each individual ATM.

Additionally, the increase in costs for managing cash turnover within a self-service terminal network occurs as the network itself expands. Each additional ATM increases the total volume of work for calculating and planning cash-in-transit (CIT) operations and raises the costs of transporting money.

Cost Structure

According to research, more than 60% of the total costs for supporting cash management processes consist of expenses for the processing and transportation of money. CashLab and its mathematical forecasting models for CIT can significantly reduce these costs and increase the efficiency of cash circulation processes in the ATM network.



Main Functionality:

- **Support for any ATM and processing center:** Universal compatibility with heterogeneous networks.
- **Data collection on loads and withdrawals:** Automated monitoring of cash flows.
- **10 forecasting algorithms:** Calculation of the optimal volume and frequency of replenishment, accounting for limits.
- **Performance assessment:** Measuring the effectiveness of the ATM network (KPIs).
- **Payroll project management:** Automatic detection and accounting for peak loads.
- **Monitoring and forecasting:** Real-time status tracking and predictive CIT planning.
- **Automated CIT requests:** Flexible parameterization and lifecycle control of requests.
- **WEB-based solution:** Remote access without complex local installations.

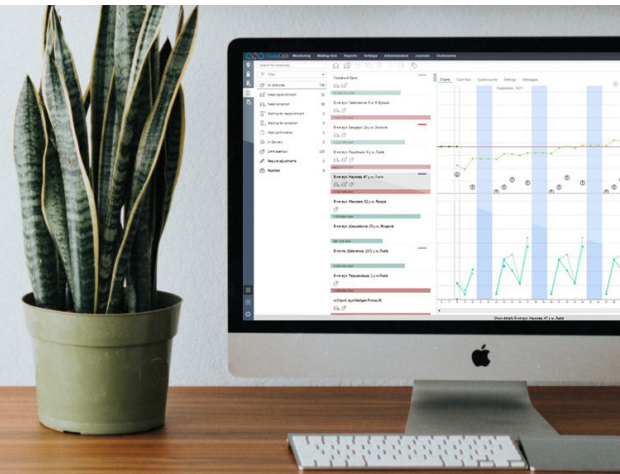
Efficiency in Numbers:

Modeling cash management using CashLab on real ATM networks has proven the high efficiency of the solution:

16% reduction
in the number of CIT visits.

74% reduction
in cash-back levels.

Total downtime due to lack of cash -
only 0.02%.



Get a Free Demo

Getting acquainted with CashLab is easier than ever. Thanks to WEB technology, you can do it directly from your office without prior preparation by using the CashLab demo platform. You can verify the effectiveness of CashLab algorithms by uploading your own data for modeling to evaluate the efficiency of cash management for your specific bank.



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