

Vault^{.iQ}

Bank depository automation and control

Timely cash delivery and collection in bank branches and other cash collection and withdrawal points is not the easiest logistical task. The automation of operational processes between central and regional repositories ensures increased availability of funds and the quality of services across the whole cycle of cash turnover. Modern control systems of cash circulation allow maximum work optimization for these structural bank units. The implementation is possible due to effective means of monitored cash flows, centralized collection management and provided comprehensive analytical reporting.

BS/2 offers the complete software solution Vault^{.iQ}, which is a functional module of the Cash Management^{.iQ} system allowing to manage as efficiently as possible even the most difficult internal processes specific to cash storage.

The main functionality of Vault^{.iQ}:

- Monitoring cash in a separate bank repository and the entire network.
- Cash limits control for each currency and denomination.
- Requests' for collection registration, confirmation and tracking of the execution.
- Separate registration of the night depository's transactions.
- Flexible system of roles and user access rights.
- Events logging and reporting on each object and the whole network.
- Registration of worn or damaged currency notes.

Workflow of cash delivery request



Workflow of cash withdrawal request



Recipient actions
(Bank branch)



Sender actions
(Bank vault)

The main elements of the operator interface of the Vault^{iQ} system:

List of cash collection and withdrawal points

- Corporate Clients (12)
- Postage
- Qasr (Sahaj) Tuzik Markaz
- "Tuzik 1/10" MMC Isotik
- "Tuzik 1/10" MMC Tuzik
- "Tuzik 2/10" MMC
- Anduram Kozhujon
- Anduram Brava Markaz
- Agro Lizing
- Diagnostika Markaz
- Fisca Kozhujon (QKZ)
- Fisca Kozhujon (QKZ-1)
- Fisca Kozhujon (QKZ-2)
- Ganca ZH (Z)
- Shaghas
- Ganca
- Ganca ZH
- Ganayali
- Giygil
- Kapaz
- Nafkuz
- Samon
- WUZED (107)
- Baylagan ZH (Z)
- Blizovozan ZH (Z)
- Ganca ZH (Z)
- Saght Isotik (14)
- Semayukh ZH (14)
- Levkanan ZH (Z)
- Qaki ZH (Z)
- Shimayukh (Z)
- Tamoz ZH (Z)
- Kamozan ZH (Z)
- Vozkuz ZH (Z)
- ZH Ray

Main function menu

Monitoring: *

Monitoring Cash Orders Night Depository Event Journal

Vaults

Date	Currency	Remainder On Morning	Current Remainder	Remainder On Evening	Night Depository	Cash Removal (Plan)	Cash Removal	Cash Receiving (Plan)	Cash Receiving	Worn Out Cash	Upper Limit
6/22/2018	AZN	120,184.18	92,285.84	92,285.84	0.00	-280,935.00	220,605.00	21,000.00	180,900.00	1,115.00	50,000.00
6/22/2018	EUR	5,790.00	3,490.00	3,490.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/22/2018	GBP	570.00	570.00	570.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/22/2018	RUB	6,280.00	6,280.00	6,280.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/22/2018	TRY	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/22/2018	USD	53,422.00	58,690.00	58,690.00	0.00	22,000.00	-10,000.00	0.00	0.00	0.00	0.00
6/27/2018	AZN	41,617.99	65,700.71	65,700.71	0.00	195,000.00	125,000.00	30,100.00	144,950.00	532.00	50,000.00
6/27/2018	EUR	2,461.00	2,461.00	2,461.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/27/2018	GBP	40.00	40.00	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/27/2018	RUB	200.00	10,200.00	10,200.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
6/27/2018	TRY	1,800.00	1,800.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Start Day Current Remainders End Day Close Night Depository Worn Out Cash Cash Limits

Agchadi: AZN

Remainders On Morning			Current Remainders			Night Depository			Cash Removal (Plan)			Cash Removal			Cash Receiving (Plan)		
Denomination	Quantity	Sum	Denomination	Quantity	Sum	Denomination	Quantity	Sum	Denomination	Quantity	Sum	Denomination	Quantity	Sum	Denomination	Quantity	Sum
1 qepik	1,427	14.27	1 qepik	1,361	13.61	1 qepik	0	0.00	1 qepik	0	0.00	1 qepik	0	0.00	1 qepik	0	0.00
3 qepik	1,972	59.16	3 qepik	1,926	57.78	3 qepik	0	0.00	3 qepik	0	0.00	3 qepik	0	0.00	3 qepik	0	0.00
5 qepik	913	45.65	5 qepik	861	43.05	5 qepik	0	0.00	5 qepik	0	0.00	5 qepik	0	0.00	5 qepik	0	0.00
10 qepik	486	48.60	10 qepik	382	38.20	10 qepik	0	0.00	10 qepik	0	0.00	10 qepik	0	0.00	10 qepik	0	0.00
20 qepik	245	49.00	20 qepik	106	21.20	20 qepik	0	0.00	20 qepik	0	0.00	20 qepik	0	0.00	20 qepik	0	0.00
50 qepik	149	74.50	50 qepik	0	0.00	50 qepik	0	0.00	50 qepik	0	0.00	50 qepik	0	0.00	50 qepik	0	0.00
1 AZN	1,158	1,158.00	1 AZN	672	672.00	1 AZN	0	0.00	1 AZN	-60	-60.00	1 AZN	-940	-940.00	1 AZN	1,000	1,000.00
5 AZN	203	1,015.00	5 AZN	524	2,620.00	5 AZN	0	0.00	5 AZN	-743	-3,715.00	5 AZN	-257	-1,285.00	5 AZN	0	0.00
10 AZN	1,445	14,450.00	10 AZN	835	8,350.00	10 AZN	0	0.00	10 AZN	-1,015	-10,150.00	10 AZN	15	150.00	10 AZN	-2,000	-20,000.00
20 AZN	581	11,620.00	20 AZN	666	13,320.00	20 AZN	0	0.00	20 AZN	-783	-15,660.00	20 AZN	784	15,680.00	20 AZN	-1,000	-20,000.00
50 AZN	669	33,450.00	50 AZN	543	27,150.00	50 AZN	0	0.00	50 AZN	-3,045	-152,250.00	50 AZN	2,050	102,500.00	50 AZN	1,000	50,000.00
100 AZN	582	58,200.00	100 AZN	400	40,000.00	100 AZN	0	0.00	100 AZN	-991	-99,100.00	100 AZN	1,045	104,500.00	100 AZN	100	10,000.00

CIT orders

Order Type All Order Status All Currency All Object All Team All From Date 2/1/2018 00:00 To Date 2/28/2018 00:00

Cash Orders (2275)

Date	Cash Order Date	Order Type	Ordered By	Order Status	Cash Order ID	Work Order ID	From Vault / Corporate Client	To Vault / Corporate Client	Currency / Valuables
2/27/2018 09:29	2/27/2018 09:29	Cash order	Cafer Cabbarli	Completed	CO-180227-17	WO-180227-4391	WUZED	Cafer Cabbarli	AZN
2/27/2018 09:28	2/27/2018 09:27	Valuables Order	Cafer Cabbarli	Completed	CO-180227-16	WO-180227-4392	WUZED	Cafer Cabbarli	plastik plomb
2/27/2018 09:27	2/27/2018 09:26	Export Order	Markaz	Accepted	CO-180227-15	WO-180227-4388	Diagnostika Markaz	Markaz	AZN

Monitoring

- Current cash balances display at each point in real time.
- Display of planning cash replenishment to or delivery from the bank repository.
- Proactive notifications of reached limits for currencies and denominations at each point.
- Display of the worn or damaged currency notes' amount in every point and throughout the system.

Night depository

- Cash transactions accounting after the trading day closing.
- Controlling the transfer of accepted cash to the balance of the next business day.

CIT orders

- Creation of a request for delivery and withdrawal of cash.
- Control of the request execution at all stages.
- Control of cash collection teams.
- Accompanying documents generation.
- View the history of completed requests and reporting.

Logs and Reports

- History display of all performed operations: Start of day, End of day, Cash Order, Order confirmation, etc.
- Ability to generate various reports about completed operations.

Cash Management^{iQ} is a software product of the **iQ** family, designed to solve the problem of efficient cash distribution: ATMs and other self-service devices, as well as in bank repository, bank branches, mail and retail networks.

The solution allows automating the operational processes associated with cash flow and maintain the optimal amount of cash at each cash collection and withdrawal point.