

# MANAGEMENT SOLUTION FOR AUTOMATED TELLER SAFE



# Competence at the core

The company Penkių Kontinentų Bankinės Technologijos (BS/2) is the part of Penki Kontinentai group of companies, provides services in 78 countries, creating software solutions which help automate and optimize your business.

For more than 25 years, we are developing specialized innovative software and technological solutions for banks, financial institutions and retail companies. We are offering high-quality IT products that meet your customers' needs.

## Our Services:

- Software development, sales, installation, support and systems integration services
- IT service outsourcing
- Maintenance and repair of banking, telecommunication, acquiring and retail equipment
- Monitoring of IT infrastructure
- Staff training and consulting
- Spare parts supply
- Sales of specialized equipment for banking and retail companies

## Our Clients:

- Banks and financial institutions
- Retail companies
- Gas stations
- Postal services
- Other companies (casinos, hippodromes and others)



**78**  
countries  
where activities  
are carried out

**300+**  
talented  
professionals

**20+**  
years of  
partnership  
with Diebold  
Nixdor





**25  
YEARS ON  
THE MARKET:**

**700+**  
international  
customers

**90+**  
partners  
around  
the world

**7**

affiliated  
companies  
in Azerbaijan,  
Estonia, Georgia,  
Kazakhstan,  
Kyrgyzstan,  
Latvia and  
Uzbekistan

## International Recognition and Awards:

Diebold Nixdorf / Wincor Nixdorf

- Special Achievement Banking 2000, 2013, 2014, 2017.
- Best Banking Solution 2012, 2013, 2016.
- Best Banking Service 2002, 2003, 2012, 2013, 2014.
- Most Innovative Software Solution 2004, 2005.
- Most Innovative Concept 2002, 2003, 2004, 2005.

## ATM Industry Association

- Best ATM Security Technology 2002.

## Lithuanian Confederation of Industrialists

- Innovation Prize 2016.
- Lithuanian Product of the 2001, 2005, 2006, 2007, 2008, 2012, 2017.

## Certificates:

ISO 27001, ISO 20000, ITIL V3, PCI DSS, PA DSS.

**ISO 27001**

**BUREAU VERITAS**  
Certification



**ISO 20000**

**BUREAU VERITAS**  
Certification



# About the Product

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The solution is designed to manage automated teller safes (ATSs) and peripherals in order to automate cash deposits / withdrawals at various cashpoints.

The system reduces the time of cash transactions, giving the staff more time for offering other products and services to customers.

SmartSafe<sup>iQ</sup> operates either as a standalone (with an ATS offline) – or a fully integrated (with banking information systems (BISs) and other databases) unit.

SmartSafe<sup>iQ</sup> simplifies daily work performance, allows to avoid human errors, prevents possible illegal actions and optimizes cash-related operations.

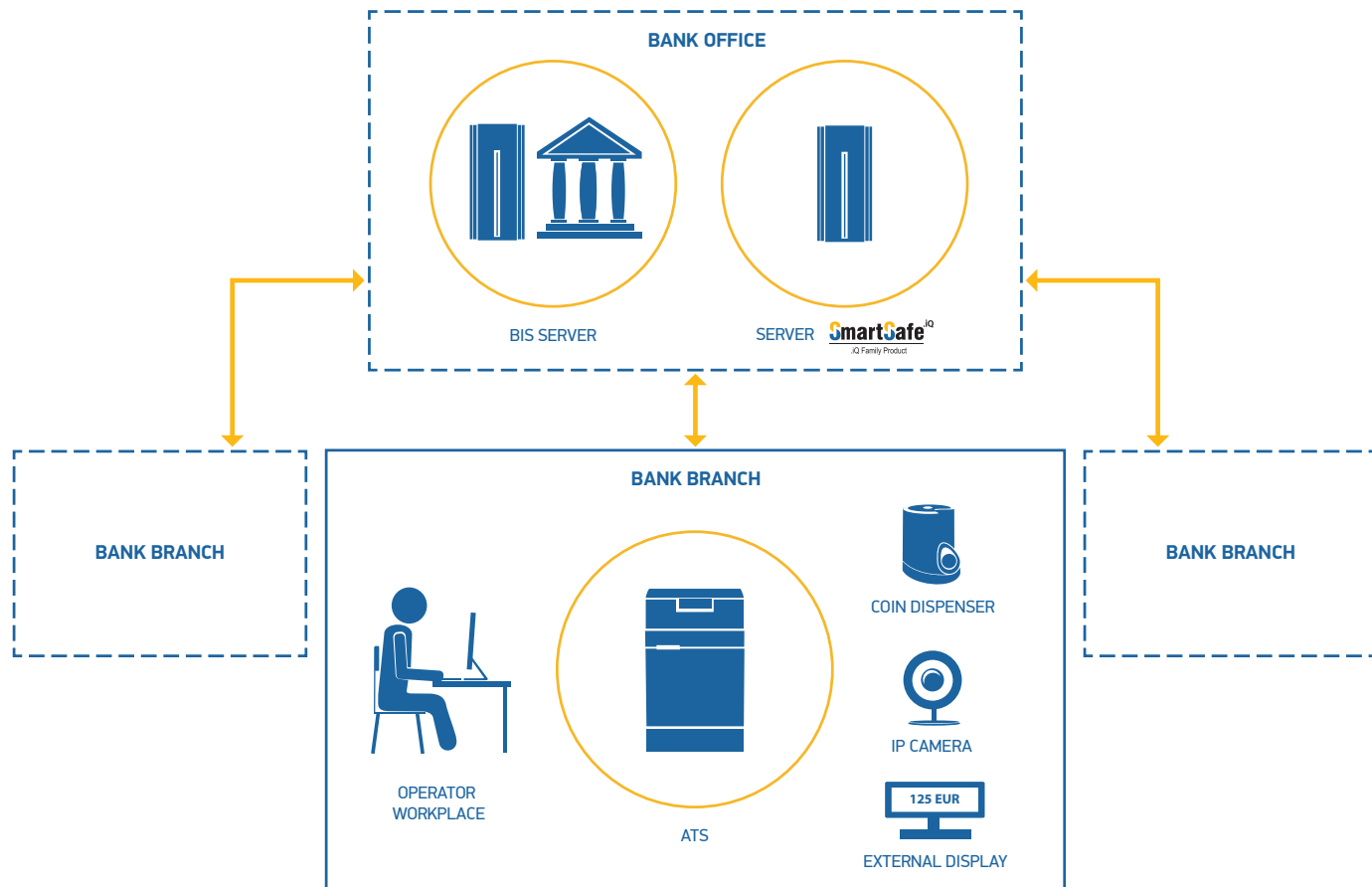
The solution is used to solve cash-related tasks in banks, financial institutions, retail outlets, mail offices and other businesses.

## The main tasks

- Automated cash deposits / withdrawals
- Comprehensive control over all transactions
- Automated cash load / unload (replenishment)
- Real-time cashflow control and monitoring;
- Real-time cashflow control and monitoring
- Automated business day opening / closing
- Deposits / withdrawals time minimization
- Automated bank notes counting and validation
- Prompt access to various reports
- Software / hardware administration



# Solution Scheme



# Features and Benefits



## Centralized management

SmartSafe<sup>iQ</sup> offers centralized control over all cash transactions.



## Multi-denomination

The solution allows ATS operations with 128 various currency denominations.



## Mobile SmartSafe

The system allows monitoring ATS network (balance check, node-to-node hardware technical condition, etc.) using a smartphone.



## Full Amount Dispense

For businesses seeking to fully automate the cashiers' workplaces SmartSafe<sup>iQ</sup> features coin dispensers / recyclers support allowing to issue the total amount (in bills and coins alike).



## Flexible configuration

The possibility to network all workplaces allows the staff to quickly switch between ATSs and be connected with other peripherals (coin dispensers / recyclers, customer displays, cameras, card readers) using the SSL protocol.



## Multicurrency

The solution supports simultaneous ATS operations with different currencies.



## Reporting

An optional Dashboard<sup>iQ</sup> business intelligence module allows to conveniently create any new required reports.



## Video security

Integration with ATMeye<sup>iQ</sup> solution guarantees more security through video monitoring of events within the ATS area



## Data security

Data is transferred via SSL (Secure Sockets Layer) protocol. Generation of security certificates within the system as well as their upload from external systems is supported.



## Multi-vendor

The solution is compatible with the hardware from major world's manufacturers, such as Diebold Nixdorf, CTS, DoCash, Glory, De La Rue, Talaris, Vertera (the list is constantly expanding). Integration with any new type of hardware takes about 2-3 months.



# Supported Hardware / Integration with BIS

**ATMeye<sup>iQ</sup>-supported ATMs and other cash deposit / withdrawal hardware include:**

■ **Diebold Nixdorf\Wincor Nixdorf**

Pro Cash 5000 Cash Out CINEO

C6030 Recycling CINEO

C6040 Recycling CINEO

C6050 Recycling CINEO

C6060 Recycling

iCASH 15e, Coin

■ **ARCA \ CTS**

Cash Pro 14 Recycling

Cash Pro 18 / 18T Recycling

Cash Pro 24 Recycling

Cash Pro 24B Recycling

■ **DoCash**

DoCash 1100 Cash Out

■ **DeLaRue**

DoCash 1100 Cash Out

TCD 9210 ... 9260 Cash Out

Cash Systems Model 5900

InstaChange Automatic Coin Dispenser

■ **GLORY**

RBG-200, Recycling

Vertera 6G, Recycling



Various SmartSafe<sup>iQ</sup> integration with BISs methods (Web services, Stored Procedures, JMS and DLL) are offered.

To date, integration with the following BISs is available:

Colvir CBS-3



Forpost



ODB



DCS



Platon



М-БАНК



Flexcube



Finacle



БИСКВИТ



Atlas II



The new integration takes 2-3 months.



## The innovative customers' service approach: ATS w/ the VTM

A cash recycling ATS is an integral part of the VTM<sup>iQ</sup> hardware / software system. This integrated solution allows customers to remotely communicate and be advised in a video conference, as well as securely make various cash transactions (deposits, withdrawals, currency exchange, etc.).

## Automated deposit machine (ADM)

Separate technological solutions (such as for the bank notes counter, receipt printer, bill validator, deposit box and the access card reader) are put together in this automated cash collection system.

The ADM technology allows optimizing collection processes, reducing the number of staff involved in those processes, as well as their time, significantly reduces costs and risks, provides on-line cash transfers and the use of funds on the same day.

## Web interface

A custom web interface that allows working with the system using a personal computer or mobile device is created for SmartSafe<sup>iQ</sup>. It is adapted for most browsers, such as Internet Explorer, Google Chrome, or Mozilla Firefox, increasing the system usability level and making operators' work more efficient.

## Currency exchange

In order to optimize the cashiers' work, SmartSafe<sup>iQ</sup> has a special module that allows automated currency exchange. The system itself performs the exchange, issues cash in the desired currency and prepares the statement. Besides, all necessary information regarding the transaction (the actual rate and amount to be issued) is displayed in order to make the transaction transparent.

A coin recycler, which allows dispensing the entire amount of cash, can also be used for currency exchange purposes. In addition, the bank notes in packs and coins in bulk can be accepted, which significantly speeds up exchange transactions.

# Related Products



**ATMeye<sup>iQ</sup>** – is a comprehensive solution that provides additional safety and video security for self-service devices that helps to protect against any type of criminal actions.



**Brancheye<sup>iQ</sup>** – is an ATMeye<sup>iQ</sup> based software solution ensuring video surveillance and security monitoring at an entire bank branch offices and near it.



**Cash Management<sup>iQ</sup>** – Cash Management<sup>iQ</sup> is a .iQ line software solution, developed to automate and optimize the cash flow-related processes at all cash deposit and withdrawal points. It allows maintaining optimal cash amounts throughout the whole network of ATMs, ATSS, vaults and bank branches. The monitoring tool provides an opportunity to get real time information regarding current cash balances on self-service devices.



**Dashboard<sup>iQ</sup>** – is an intellectual module of .iQ family products that provides data gathering function and visualizes it as vivid reports for analyzing and making decisions.

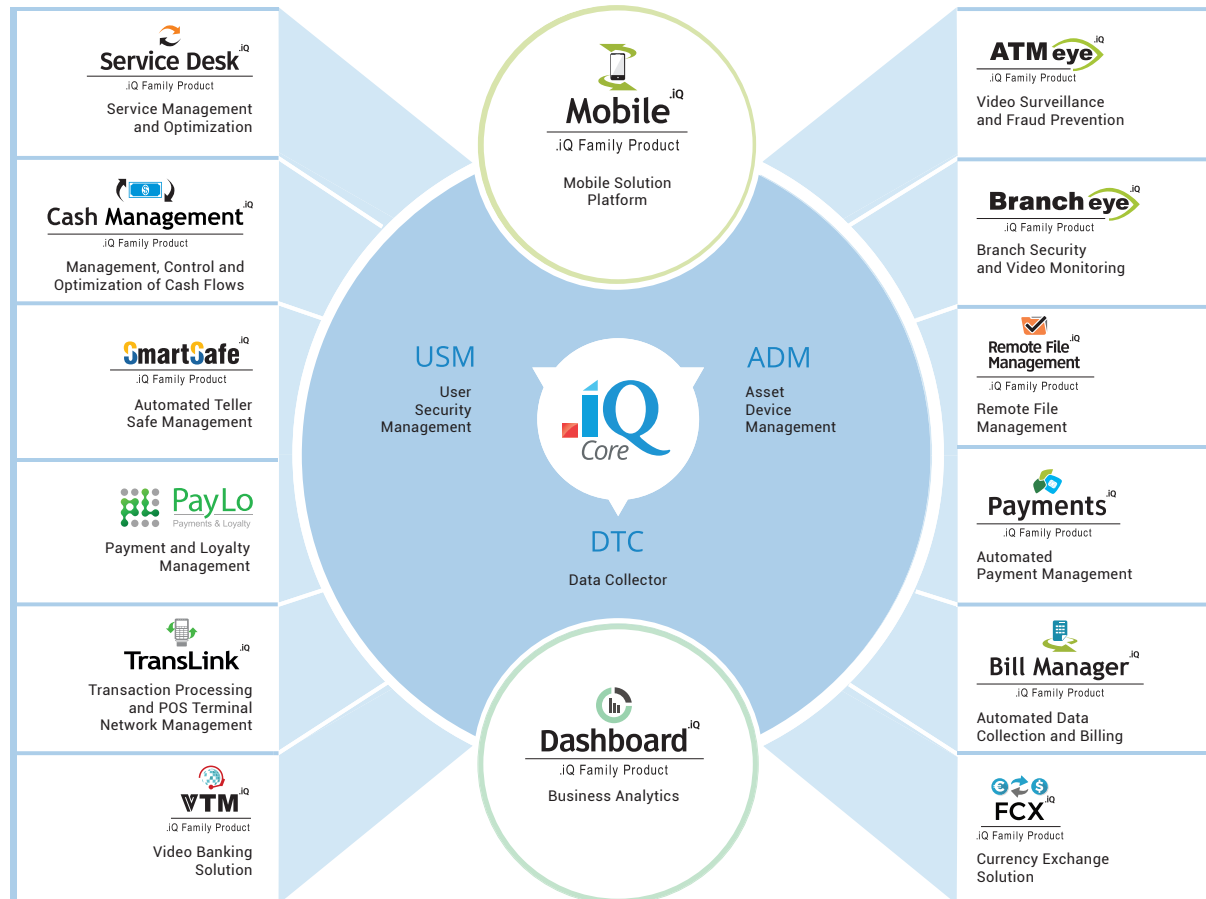


**Service Desk<sup>iQ</sup>** – Service Desk<sup>iQ</sup> is the solution for automation of the complex systems (such as banking / retail hardware networks) servicing and maintenance-related business processes, according to the ISO 20000 standard.



**VTM<sup>iQ</sup>** is an additional service channel to manage customer relations and reduce service costs and improve cash operations.

# Products of Family .iQ





**BS2**  
Penki kontinentai group

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