

# Cash Management.iQ Technical Requirements

**JSC Penkių kontinentų bankinės technologijos**

2 Kareivių str., Vilnius LT-08248, Lithuania  
Phone: +370 5 266 45 95  
info@bs2.lt, www.bs2.lt

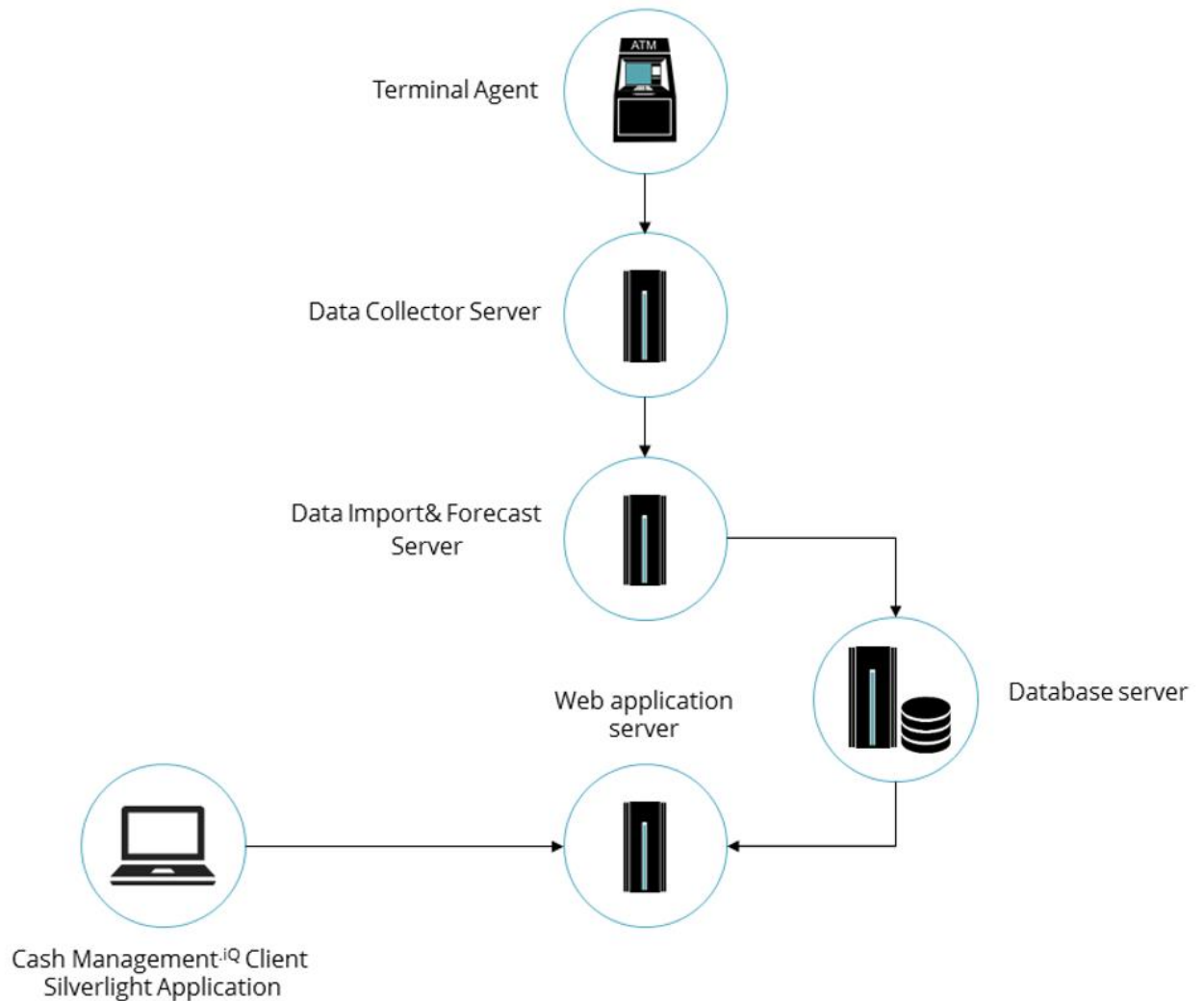
**Penki kontinentai Group**

2 Kareivių str., Vilnius LT-08248, Lithuania  
Phone: +370 5 266 45 01  
info@5ci.lt, www.5ci.lt

## Contents

Cash Management <sup>iQ</sup> Solution Architecture.....	3
Terminal Part Requirements .....	4
Hardware .....	4
Software.....	4
Data Collector Server Requirements.....	5
Hardware .....	5
Software.....	5
Data Import & Forecast, Database and Web Application Servers Requirements .....	6
Hardware .....	6
Software.....	6
User Computer Requirements .....	7

## Cash Management<sup>iQ</sup> Solution Architecture



- **Terminal agent** - Agent program for real-time available cash data collection and transfer to DataCollector server.
- **DataCollector server** - Intermediate available cash data collection and storage server.
- **Data Import & Forecast server** - Data import and forecast calculation server.
- **DataBase server** - The main database server.
- **WebApplication server** - Web application server for users' client applications management.
- **Client application** - Client Web applications (workplaces).

## Terminal Part Requirements

### Hardware

- Intel® Pentium® processor suitable for Windows 7 OS
- Hard drive space: 1 GB for message archive local storing
- TCP/IP Network connection, ensuring up to 300 kbytes of daily traffic between each ATMs and DataCollector server

### Software

- Disk file system: NTFS
- Win7 or Windows XP SP2
- .NET Framework 4.0 or higher

Terminal Applications Based On ProTopas or	XFS-supported Applications
1. ProCash 14.10	1. Agilis XFS 9.11 XFS 3.1
2. ProCash/NDC-DDC 2.1-00 (ProBase C 1.1.10 07), also tested together with PSA + ProTect One	2. APTRA XFS 04.02.01
3. ProCash NDC-DDC 2.1-01	

## Data Collector Server Requirements

### Hardware

- HDD - 200 GB (up to 5 years work without space additioning)
- 8 GB RAM
- CPU – Xeon 2.4 GHz 6 CORE
- TCP/IP Network connection with Stage Server

### Software

- Windows 2008 R2, Windows 2012 R2
- MS SQL 2008 R2 or MS SQL 2012 R2 Standard Editions

(If virtual servers are used it is recommended to set the static memory and disk space parameters).

## Data Import & Forecast, Database and Web Application Servers Requirements

Requirements are provided on the assumption that the "Data Import & Forecast", "Database" and "Web Application" part will be installed on the same server machine.

### Hardware

- Recommended server requirements to cover a network of up to 1000 ATMs, kiosks, bank branches, etc.):
  - HDD - 250 GB (up to 5 years work without space additioning)
  - 12 GB RAM
  - CPU – Xeon 2.4 GHz 8 CORE

Number of terminals	HDD (GB)	RAM (GB)	CPU (CORE)
Up to 1000	250	8	6
1000 to 2000	450	12	8
Over 2000	600+	16	10

When sizing the server parameters OS and database requirements should also be considered.

### Software

- Windows 2012 R2
- MS SQL 2008 R2 or MS SQL 2012 R2 Standard Editions
- IIS 8.0

(If virtual servers are used it is recommended to set the static memory and disk space parameters).

## User Computer Requirements

The web browser should support Microsoft Silverlight Application technologies.

Silverlight 5.0 will be installed automatically during the first Cash Management<sup>iQ</sup> launch if the computer has Internet access.

### **JSC Penkių kontinentų bankinės technologijos (BS/2)**

2 Kareivių str., Vilnius LT-08248, Lithuania

Phone: +370 5 266 45 95

[info@bs2.lt](mailto:info@bs2.lt) [www.bs2.lt](http://www.bs2.lt)

© Copyright BS/2 2017. All rights reserved.