



ATMeye.iQ New Generation Technical Requirements

Version 1.4



JSC Penkių kontinentų bankinės technologijos
2, Kareivių str., LT-08248, Vilnius, Lithuania
Tel.: +370 5 266 45 95
info@bs2.lt, www.bs2.lt

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

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Abstract

This document contains hardware and software requirements of ATMeye.iQ New Generation (ATMeye.iQ^{NG}).

Technical support

If you will face any problems, please contact your ATMeye.iQ^{NG} vendor, or e-mail our technical support staff at: support@bs2.lt. In your message please provide the following information: Product name, product version, computer type, detailed description of your problem, amount of purchased licenses.

Application Server (virtual machine requirement)

| Resources | 1-750 ATMs | 750-2500 ATMs |
|--------------------|--|--|
| CPU** | Intel Core 64-bit 8-core (or similar Xeon processor) with AVX2 support | Intel Core 64-bit 12-core (or similar Xeon processor) with AVX2 support |
| RAM** | 32 Gb RAM | 40 Gb RAM |
| Hard disk space | 500 Gb SSD for server part installation + 1,5 Tb Archive SSD* (photo resolution 320x240, 750 ATM, 1 month) | 500 Gb SSD for server part installation + 7,5Tb Archive SSD* (photo resolution 320x240, 2500 ATM, 1 month) |
| Network connection | 1 Gbps | 1 Gbps |

*Archive requirements based on dynamic factors like video length, quality of photos, and quantity of events on the monitored devices.

** These requirements are minimal even if the number of ATMs is 1-10. If the server does not comply these requirements, the ATMeyeNG server will not start.

| Software | | |
|-----------------------|----|---|
| Vmware | OR | Hyper-v Hypervisor |
| 1. ESXi 6.7 and later | | 1. Hyper-V host Windows version 9.0 and later |
| 2. Fusion 12.2.x | | |
| 3. Fusion 12.x | | |
| 4. Fusion 11.x | | |
| 5. Fusion 10.x | | |
| 6. Workstation 16.2.x | | |
| 7. Workstation 16.x | | |
| 8. Workstation 15.x | | |
| 9. Workstation 14.x | | |

Required administration skill

- Hypervisor technology (basic)
- Kubernetes (basic)

ATMeye Core & ATMeye.iQ^{NG} agent (on ATM)

| Hardware |
|--|
| ▪ Core® i3 processor or higher |
| ▪ 2 GB of system memory or above |
| ▪ Hard Disk space: at least 10 Gb |
| ▪ Video capture card: KGuard 904*, KGuard 901* (SEC713X), KGuard 9040*, UQ2288, UQ2238, UQ2283, Ospray 100*, WinFast*, Haupauge*, Shafro*, OSI |
| ▪ Up to 4 internal analogue, IP, or USB cameras |
| ▪ Network connection with at least – 30 Kbps (depends on image resolution) |
| ▪ For normal Live video functionality network connection must be at least – 64 Kbps (depends on image resolution) |
| ▪ One available PCI or PCIe 2.1 compliant slot |

| Software |
|---|
| ▪ File System on disk is NTFS (recommended) |
| ▪ Windows 7, Windows 10 |
| ▪ Xvid codec (for video recording) |
| ▪ DirectX 11 for Windows 7 |
| ▪ .NET 4.0 for MJPEG stream over HTTP |
| ▪ .NET 4.7.2 for H264 stream over RTSP |
| ▪ Java 11 32 bit |

* No manufacturer support for Windows 10

| ProTopas based applications | OR | XFS support applications |
|-----------------------------|----|--------------------------|
| 1. ProCash/NDC-DDC 3.0/00 | | 1. Agilis XFS 4.1.0 |
| 2. ProCash/NDC-DDC 3.0/10 | | 2. APTRA XFS 06.02.00 |
| 3. ProCash/NDC-DDC 3.0/20 | | 3. ProBase/C 1.1/30 |
| 4. ProCash/NDC-DDC 3.0/21 | | 4. ProBase/C 1.2/00 |
| 5. Proflex 4.2 | | 5. ProBase/C 1.3/00 |
| | | 6. ProBase/C 1.4/00 |

JSC Penkių kontinentų bankinės technologijos (BS/2)
2, Kareivių str., LT-08248, Vilnius, Lithuania
Tel.: +370 5 266 45 95
E-mail: swsales@bs2.lt; info@bs2.lt;
www.atmeye.com
www.bs2.lt

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