ATMeye.iQ product – v.2.0 Technical Documentation

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Abstract

This document contains hardware and software requirements of ATMeye.iQ parts: ATMeye Core and ATMeye.iQ Agent (which are installed on the Terminal PC), .iQ Application Server, Database Server and .iQ Client.

Technical support

If you will face any problems, please contact your ATMeye.iQ 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.

Warranty

ATMeye.iQ warranty applicable for the Services, Hotfixes, Updates, and Upgrades. BS/2 warrants each product to be free from electrical and mechanical defects in materials and workmanship for 30 (thirty) days from the day of receipt by the Customer. If the Customer establishes any breach of the foregoing guaranty within the period of the guaranty term specified in this clause and notifies thereof to BS/2 without delay, but not later than within 1 (one) calendar day from the discover of such breach, the guaranty term shall be suspended, and BS/2 shall apply all commercially reasonable efforts to correct the breach free of charge; the guaranty term shall continue from the correction of the breach.

This warranty does not apply to defects in the products caused by abuse, misuse, accident, casualty, alteration, negligence; repair not authorized by BS/2, application or installation not in accordance with published instruction manuals.

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ATMeye.iQ Technical Documentation

Technical Requirements

Hardware scenarios below are based on dynamic load factors like:
Video length, quality of photos and quantity of events on the monitored devices in real time
Number of connected work places (.iQ Clients)
Quantity of simultaneous tasks (jobs): data uploads, software updates and others

Application Server

Hardware recommendation for small networks with < 200 monitored devices
64-bit Quad-core
8 Gb RAM
Hard Disk space: 2 GB for server part installation

Hardware recommendation for medium networks with 200-1000 monitored devices
64-bit Quad-core
16 Gb RAM
Hard Disk space: 2 GB for server part installation

Hardware recommendation for large networks with >1000 monitored devices
64-bit Quad-core
32 Gb RAM
Hard Disk space: 2 GB for server part installation

Software
OS: Windows Server 2012 R2 x64 or higher
JDK 1.8
Microsoft .NET 3.5
WildFly application server 9.0.2

Database Server

Hardware recommendation for small networks with < 200 monitored devices

- 64-bit Quad-core
- 4 Gb RAM
- Hard Disk: 400 Gb for database (depends on data holding duration)
- Network connection 100 Mbps

Hardware recommendation for medium networks with 200-1000 monitored devices

- 64-bit Quad-core
- 8 Gb RAM
- Hard Disk: 800 Gb for database (depends on data holding duration)
- Network connection 1 Gbps

Hardware recommendation for large networks with >1000 monitored devices

- Cluster based on 64-bit Octa-core processors
- 32 Gb RAM on each computer
- Hard Disk: 1 TB for database (depends on data holding duration)
- Network connection 2 Gbps

Software

- Microsoft Windows Server 2012 R2 x64
- Data bases: PostgreSQL 9.2, Oracle 11g, Microsoft SQL 2016
- Oracle RAC or Microsoft SQL FC (recommended for networks with more than 2000 Terminals)

.iQ Client

Hardware
▪ Pentium i3 processor or higher ▪ 4 Gb RAM ▪ Hard Disk space: - 800 Mb for Client installation. - At least 10 Gb of free disk space for media storage (snapshots & movies)

Software
▪ OS: Windows 7 or higher ▪ Web-browser: IE 9.0 or higher ▪ Xvid codec (for video viewing) ▪ Windows media player (for video viewing)

ATMeye Core & ATMeye.iQ Agent

Hardware
▪ Intel® Pentium® class processor suitable for Windows XP, Windows 7 processing ▪ 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 analog, 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)

Software
File System on disk is NTFS (recommended)
Windows XP SP2, Windows 7
JRE 1.8
Xvid codec (for video recording)
DirectX 9.0c
.Net 2.0 – 3.5

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 4.0		

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