

Ameneye

Intelligent Surveillance, Simplified



AmenEye is an Integrated Video Management System (VMS) designed to meet the growing demand for effective video management and security. By integrating advanced technologies, AmenEye manages, analyses, and optimizes video surveillance data, transforming it into

AmenEye Video Management System boasts a wide array of components, including but not limited to Camera Configuration, Integration Support, Video Recording and Storage, Real-time Monitoring and Alerts, Live Video Feed, Object Detection and Recognition, Behavioral Analysis, Search and Retrieval, Metadata Tagging, Advanced Search Filters, Access Control and User Management, Audit Trails, Scalability and Integrations, Encryption and Authentication, Remote Accessibility, Mobile

This document offers a comprehensive and compelling overview of Trois Infotech's cutting-edge AmenEye Video Management System. It serves as a powerful technical sales tool with two main objectives:

- ✓ To showcase the features of each AmenEye product
- ✓ To facilitate the selection of the ideal product by offering a clear comparison of the various options within the AmenEye range

Explore the AmenEye VMS platform with coverage of the following standout products:

01

STANDARD

02

STANDARD PLUS

03

ENTERPRISE

04

ENTERPRISE PLUS

05

CLOUD

06

CLOUD PLUS

SL No		Standard	Standard plus	Enterprise	Enterprise plus	Cloud	Cloud plus
01	Type of deployment	Onpremise	Onpremise	Onpremise/Cloud	Onpremise/Cloud	Centrally managed, distributed sites	Centrally managed, distributed sites
02	Licensing	Perpetual	Perpetual	Perpetual	Perpetual	Subscription	Subscription
03	Maximum number of IP devices	10	10	Depends on the license	Depends on the license	Depends on the license	Depends on the license
04	Maximum numbers of users	Unrestricted	Unrestricted	Unrestricted	Unrestricted	Unrestricted	Unrestricted
05	Customer dashboard and connected services	✓	✓	✓	✓	✓	✓
06	Alarm Manager	✓	✓	✓	✓	✓	✓
07	Secure HTTPS camera connectivity (on Yes devices)	✓	✓	✓	✓	✓	✓
08	Adding devices on HTTPS	✓	✓	✓	✓	✓	✓
09	E-Map	✓	✓	✓	✓	✓	✓
10	Third-party application integration and support for video analytics	✓	✓	✓	✓	✓	✓
11	Built-in Video Motion Detection (VMD) with Auto adjustable VMD sensitivity	✓	✓	✓	✓	✓	✓
12	H.264, MJPEG, MPEG-4, MPEG-4 ASP & MxPEG	✓	✓	✓	✓	✓	✓
13	H.265	✓	✓	✓	✓	✓	✓
14	Adaptive streaming/playback	✓	✓	✓	✓	✓	✓
15	Direct streaming (mobile server)	✓	✓	✓	✓	✓	✓
16	Metadata support	✓	✓	✓	✓	✓	✓
17	Centralized management	✓	✓	✓	✓	✓	✓
18	Support for live video play without recording storage	✓	✓	✓	✓	✓	✓
19	Smart Map functions	✓	✓	✓	✓	✓	✓
2	Media database encryption and digital signing	✓	✓	✓	✓	✓	✓
21	Recording Server communication encryption	✓	✓	✓	✓	✓	✓
22	Management Server communication encryption	✓	✓	✓	✓	✓	✓
2	Mobile Server communication encryption	✓	✓	✓	✓	✓	✓
24	TV Wall	✓	✓	✓	✓	✓	✓

System components

01	Recording server	✓	✓	✓	✓	✓	✓
02	Recording server manager	✓	✓	✓	✓	✓	✓
03	Management Server	✓	✓	✓	✓	✓	✓
04	Management client (dedicated client application for local or remote management)	✓	✓	✓	✓	✓	✓
05	Event server (for handling of events and alarms)	✓	✓	✓	✓	✓	✓
06	Mobile application (server)	✓	✓	✓	✓	✓	✓
07	Mobile client	✓	✓	✓	✓	✓	✓
08	Web client	✓	✓	✓	✓	✓	✓
09	Run servers as Windows Services	✓	✓	✓	✓	✓	✓

Distributed operation

01	Licensing	10 IP Devices	10 IP Devices	Perpetual	Perpetual	Perpetual	Perpetual
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Licensing

01	Remote camera connection via remote connection Service	✗	✗	✗	✗	✓	✓
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Device support

01	Support for ONVIF & PSIA compliant devices	✓	✓	✓	✓	✓	✓
02	Metadata from camera embedded	✓	✓	✓	✓	✓	✓
03	Number of Yes IP devices	✓	✓	✓	✓	✓	✓
04	Secure HTTPS camera connectivity	✓	✓	✓	✓	✓	✓
05	Adding devices on HTTPS	✓	✓	✓	✓	✓	✓
06	Device firmware version listing	✓	✓	✓	✓	✓	✓
07	Update hardware – refresh option	✓	✓	✓	✓	✓	✓

Video processing

01	H.264, MJPEG, MPEG-4, MPEG-4 ASP	✓	✓	✓	✓	✓	✓
02	H.265	✓	✓	✓	✓	✓	✓
03	Metadata support	✓	✓	✓	✓	✓	✓
04	Dual stream (live and recording) per	✓	✓	✓	✓	✓	✓

Audio processing

01	One-way audio - live and recording support	✓	✓	✓	✓	✓	✓
02	Two-way audio - live support	✓	✓	✓	✓	✓	✓
03	Two-way audio – recording	✓	✓	✓	✓	✓	✓
04	Maximum number of Yes audio channels	8	8	Unrestricted	Unrestricted	Unrestricted	Unrestricted
05	Playback of audio files on	✓	✓	✓	✓	✓	✓

I/O and events

01	Hardware configurable events (such as I/O input, motion,	✓	✓	✓	✓	✓	✓
02	Motion detection events (VMD in recording	✓	✓	✓	✓	✓	✓
03	System error events (for example disk full)	✓	✓	✓	✓	✓	✓
04	Manual / User defined events	✓	✓	✓	✓	✓	✓
05	Generic events from external systems	✓	✓	✓	✓	✓	✓
06	Event-based device configuration	✓	✓	✓	✓	✓	✓
07	Event-based notification	✓	✓	✓	✓	✓	✓
08	Event-based output control	✓	✓	✓	✓	✓	✓
09	Event-based device start/stop	✓	✓	✓	✓	✓	✓
10	Flexible event rule engine for definition of actions on events	✓	✓	✓	✓	✓	✓

Alarm Manager

01	Alarm description with work instructions and optional initial owner of alarm	✓	✓	✓	✓	✓	✓
02	Time profiles for alarms	✓	✓	✓	✓	✓	✓
03	Manage role-based alarms	✓	✓	✓	✓	✓	✓
04	View triggered alarms	✓	✓	✓	✓	✓	✓
05	Manage alarms (reassign, change status,	✓	✓	✓	✓	✓	✓
06	Push alarms to mobile app users	✓	✓	✓	✓	✓	✓
07	Customizable alarm priority levels, categories, statuses, and result codes	✓	✓	✓	✓	✓	✓
08	Customizable sound notification	✓	✓	✓	✓	✓	✓
09	Alarm handling reporting	✓	✓	✓	✓	✓	✓
10	Alarm logging	✓	✓	✓	✓	✓	✓

Recording server, storage and archiving

01	Pre-recording buffer in RAM	✗	✗	✗	✗	✓	✓
02	Video retention time	Unrestricted	Unrestricted	Unrestricted	Unrestricted	Unrestricted	Unrestricted
03	Recording capacity per device	Unrestricted	Unrestricted	Unrestricted	Unrestricted	Unrestricted	Unrestricted
04	Archiving of recordings with network drive support	✓	✓	✓	✓	✓	✓
05	Online access to archives	✓	✓	✓	✓	✓	✓
06	Archiving schedules	Hourly	Hourly	Hourly	Hourly	Hourly	Hourly
07	Storage overview (used vs. available space) of available storage drives	✓	✓	✓	✓	✓	✓
08	Support for live video play without recording storage	✓	✓	✓	✓	✓	✓
09	Event on premature deletion of video due to insufficient physical storage	✓	✓	✓	✓	✓	✓
10	Edge Storage support with flexible retrieval	✗	✗	✗	✗	✓	✓
11	Encryption of communication with connected servers/clients/integrations	✓	✓	✓	✓	✓	✓

Integration options

01	Plug-in, Protocol, Component integration via MIP SDK and API	✓	✓	✓	✓	✓	✓
02	System Configuration via MIP SDK and REST API	✓	✓	✓	✓	✓	✓
03	Live and playback Video streaming via WebRTC	✓	✓	✓	✓	✓	✓
04	Event and alarm integration via MIP SDK, REST API (beta), and WebSocket	✓	✓	✓	✓	✓	✓

Extension support

01	Video wall	✓	✓	✓	✓	✓	✓
02	Incident Manager	✓	✓	✓	✓	✓	✓

Management

01	Maximum number of clients	Unrestricted	Unrestricted	Unrestricted	Unrestricted	Unrestricted	Unrestricted
02	Password protected system configuration	✓	✓	✓	✓	✓	✓
03	Device scanning with device model detection	✓	✓	✓	✓	✓	✓
04	Centralized recording server & device management	✓	✓	✓	✓	✓	✓
05	Device group support	✓	✓	✓	✓	✓	✓
06	On-the-fly configuration changes	✓	✓	✓	✓	✓	✓
07	Scheduled start/stop of devices	✓	✓	✓	✓	✓	✓
08	Configuration reporting	✓	✓	✓	✓	✓	✓
09	Built-in backup-restore support	✓	✓	✓	✓	✓	✓
10	Automatic license activation of online systems	✓	✓	✓	✓	✓	✓
11	Add/replace devices without reactivation in offline systems	✓	✓	✓	✓	✓	✓
12	Customizable access port with NAT support	✓	✓	✓	✓	✓	✓

System monitoring

01	Customizable dashboard for task / component specific live monitoring	✓	✓	✓	✓	✓	✓
02	Customizable event trigger thresholds for Normal, warning and critical levels	✓	✓	✓	✓	✓	✓
03	Real-time and historical system status of management server, event server and recording servers	✓	✓	✓	✓	✓	✓
04	Real-time and historical system status of individual cameras	✓	✓	✓	✓	✓	✓
05	Dedicated System Monitor tab	✓	✓	✓	✓	✓	✓
06	Push alarms to mobile app users	✓	✓	✓	✓	✓	✓

Video wall

01	Presets for display layouts and camera content	✓	✓	✓	✓	✓	✓
02	Live video stream content	✓	✓	✓	✓	✓	✓

System alarms and notification

01	Email notification	✓	✓	✓	✓	✓	✓
02	Multiple notification profiles	✓	✓	✓	✓	✓	✓
03	Customer Dashbord	✓	✓	✓	✓	✓	✓

User authentication and rights management

01	Centralized user management	✓	✓	✓	✓	✓	✓
02	Inheritance of user rights	✓	✓	✓	✓	✓	✓
03	Time schedule - controlled user access to devices and functions	✓	✓	✓	✓	✓	✓
04	Restrict user access by client type (Web Client, Mobile client)	✓	✓	✓	✓	✓	✓
05	Biometry support in Mobile Clients	✓	✓	✓	✓	✓	✓
07	MDM (Mobile Device Management) support in Mobile Client	✓	✓	✓	✓	✓	✓

Logging

01	System and audit logging	✓	✓	✓	✓	✓	✓
02	Rule logging	✓	✓	✓	✓	✓	✓

Management

01	Face Detection	✗	✓	✗	✓	✗	✓
02	Face Recognition	✗	✗	✗	✓	✗	✓
03	Face Registry	✗	✗	✗	✓	✗	✓
04	Face Search	✗	✗	✗	✓	✗	✓
05	Face History with Geo location	✗	✗	✗	✓	✗	✓
06	Tracking an individual's movement across the network of camera based on the face recognition information	✗	✗	✗	✓	✗	✓
07	Backpack/ Hand Bag/ Trolley Bag with colour	✗	✓	✗	✓	✗	✓
08	Weapon Detection	✗	✓	✗	✓	✗	✓
09	Weapon Detection with FR	✗	✗	✗	✓	✗	✓
10	Mask detection	✗	✓	✗	✓	✗	✓
11	Face Recognition with Mask	✗	✗	✗	✓	✗	✓
12	Face Grouping	✗	✗	✗	✓	✗	✓
13	Height Estimation	✗	✗	✗	✓	✗	✓
14	Outfit Detection	✗	✗	✗	✓	✗	✓
15	Safety Helmet/Cap Detection	✗	✗	✗	✓	✗	✓
16	Outfit colour	✗	✗	✗	✓	✗	✓
17	Crowd Detection	✗	✓	✗	✓	✗	✓
18	Gender	✗	✗	✗	✓	✗	✓
19	Movement direction	✗	✓	✗	✓	✗	✓
20	Age Group	✗	✗	✗	✓	✗	✓
21	Gait Detection and Recognition	✗	✗	✗	✗	✗	✓
22	Gait Type (Walk, jogging, running)	✗	✗	✗	✗	✗	✓
23	Gait Speed	✗	✗	✗	✗	✗	✓
24	Pedestrian/ People Detection	✗	✓	✗	✓	✗	✓
25	People Count	✗	✓	✗	✓	✗	✓
26	Movement direction and Speed detection	✗	✗	✗	✓	✗	✓
27	Fight/ Aggression Detection	✗	✗	✗	✓	✗	✓
28	Dumping/ Littering Detection	✗	✗	✗	✓	✗	✓
29	Fill level change detection	✗	✗	✗	✓	✗	✓
30	Intrusion Detection	✗	✗	✗	✓	✗	✓
31	Animal Detection	✗	✗	✗	✓	✗	✓
32	Slip and Fall Detection	✗	✗	✗	✗	✗	✓
33	Snatch Detection	✗	✗	✗	✓	✗	✓
34	Collission Detection	✗	✗	✗	✓	✗	✓
36	Action Recognition	✗	✗	✗	✓	✗	✓
37	Fire & Smoke	✗	✗	✗	✓	✗	✓



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