VEZHA

Fire Detection

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Opportunities

⌐ The fire detection module helps to detect fires at an early stage and stop these processes.

⌐ It helps to preserve flora and fauna, protect nature.

⌐ REPORTS: the ability to upload photos of fire occurrence,

⌐ time and place.

⌐ BUSINESS LOGIC: Avalability of a system of building business logic.

⌐ TIME PERIOD: Limit search criteria to the certain time intervals.

⌐ DATABASE SUPPORT: MySQL, PostgreSQL, MS SQL, Oracle Database

⌐ VMS INTEGRATION: VMS Integration - Milestone XProtect, Nx Meta

⌐ NOTIFICATIONS: intuitive notification settings, recording fire occurrence in photo and time format.

Flexibility   **Security**   **Scalability**

Application

fields   countryside   forests   nature

General Information

Cross-platform solution (Windows, Linux)	✓
Centralized management	✓
Ability to work with different versions of video sources	✓
Ability to process statistics and generate reports	Microsoft Power BI and others
Search (filterable) data	✓
Filter reports by time and date	✓
Determining the appearance of fire	✓
Smoke detection	✓
Recording the fact of fire	✓
Setting rules for analytics	✓
The ability to receive reports by hour, day, week or month	✓
Import and export support (EXCEL/PDF)	✓

Security

Restricting access to a specific group of consumers through access rights	✓
The presence of a system of building business logic	✓
Encryption of information with dynamic keys, which change with each launch of the module	✓
Support of NVIDIA CUDA technology	✓
Integration with various VMS - Milestone XProtect, Nx Meta	✓
Plugins availability - Milestone XProtect, Nx Meta	Ready
Personal data protection	98%
Support for different interface languages	✓
Interface languages: English, German, French, Ukrainian, Russian, Arabic	✓
Generation of statistics based on analyzed data	✓
Combination with analyzed data from third-party sources (ERP)	✓
Camera support	All models, RTSP stream

Alarms and messages, Technical information

Codecs -H.264 / MJPEG	✓
Open tools for integration and development	✓
Connection	RTSP
Video formats support: AVI, .MKV, .MPEG4, .MOV, .WMV, .DVR, .ASF, .RT4, .DIVX, .264, .GE5, .TS, .3GP, .XBA (single and multi-stream), .MP4, .FLV	✓