



deepalert

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# DeepAlert Premium

VIDEO MANAGEMENT SYSTEM





# DeepAlert Premium

## DEEPALEERT PREMIUM VIDEO MANAGEMENT SYSTEM

- ▶ Provide a cost effective, accurate off-site monitoring service using DeepAlert Premium, a cloud-based, event-driven video management system.
- ▶ Utilising DeepAlert's proprietary deep learning AI false alarm filter, DeepAlert Premium filters the nuisance alarms and delivers true alarms to an intuitive monitoring interface.
- ▶ Operators can view, escalate and resolve alarms following Standard Operating Procedures configured per site.
- ▶ Live streaming of cameras provides critical situational awareness and ensures a safe and confident response to threats.
- ▶ System health instant notifications via the alarm stack, email and Telegram ensure that operators have peace of mind that the system is operational.
- ▶ Site Activity reports detailing the alerts received and responded to improves clients relationships and retention.
- ▶ The unlimited user, role-based permissions structure ensures accountability of all operators.
- ▶ The search function enables a historic search of alerts for the past 30 days.





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## ACCURATE

DeepAlert uses proprietary deep learning algorithms based on deep neural network technology. The immense computing power of the DeepAlert cloud ensures accurate detection **far exceeding the “edge analytics” provided on cameras or NVR’s**. This global system benefits from iterative learning and is constantly improving.

DeepAlert works effectively **even at low resolution**, in adverse weather conditions and at considerable range to detect people and vehicles and filter false alarms. Extend the effectiveness of existing surveillance systems by harnessing the power of cloud based AI.



## SCALABLE

DeepAlert works with **any ONVIF compliant camera or NVR**. It also works with thermal cameras and analogue cameras connected through a DVR. **No hardware** is required and the cameras of NVRs can be **connected to the system remotely**. The configuration is simple.

The monitoring interface is cloud based and allows for multiple users. It is simple and intuitive, requiring **minimal training of operators**. The platform is priced per camera per month enabling incremental scaling up (and down) as required.



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## AFFORDABLE

DeepAlert Premium is extremely affordable! The platform is **priced per camera per month** enabling clients to connect only the specific cameras they need monitored ensuring **maximum utility** for the service. Existing surveillance systems, even dumb cameras can be made intelligent with minimal cost. As there is no hardware required, there is no capex requirement at all. Connections and configuration can be done remotely reducing installation time and costs. **Unlimited users** are allowed per licence. The interface is simple and intuitive requiring minimal training time for operators. **All these features ensure a low total cost of ownership!**



## RELIABLE

The DeepAlert platform is housed in the world's leading data centres. These data centres are secure, have multiple failovers and redundancies and are monitored 24/7. The **system health** is communicated regularly to clients through instant notifications on the alarm stack, Telegram on mobile phones and email! Automated scheduled system health reports enable management of "problem" installations ensuring peace of mind at all times. The DeepAlert **Technical Support** team is available 24/7 to assist with on-boarding and configurations or attend to any emergencies, should they arise.



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## SIMPLE ACTIVATION AND CONFIGURATION

It is simple to connect your surveillance system to DeepAlert Premium! There is no need to change any hardware as DeepAlert works with practically any ONVIF compliant system. DeepAlert can be connected remotely - simply access the camera or NVR through the internet and connect DeepAlert using the SMTP protocol of the camera.



DeepAlert detects people and vehicles



Create multiple exclusion zones in any field of view.  
Create additional exclusion zones that can be applied on different schedules



Set alarm schedules per site

Configure Standard Operating Procedures per site for monitoring operators to follow when alarm is received.

DeepAlert Premium allows for unlimited users! Assign user roles and permissions according to your operational requirements.





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## EFFICIENT, CONFIDENT VIDEO MONITORING MADE EASY!

DeepAlert's simple, intuitive interface makes it easy to monitor and address alarms quickly with confidence. Alerts appear, with an audible alarm, on the primary stack and, with a few clicks can be viewed, SOPs followed, noted and escalated or resolved.



Live stream cameras to gain situational awareness.



Alerts (with applicable notes) can be escalated to Telegram groups, ensuring a rapid response to threats.

Receive system health notifications when cameras are off-line or inoperable, ensuring peace of mind that everything is working as it should.

DeepAlert Premium's historical search function enables users to easily search for past alerts (30 day history). All activities on the interface are logged for audit purposes. This ensures accountability of operators at all times and provides a reporting framework to clients.





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## REPORTS: MEASURE AND MANAGE PERFORMANCE, IMPROVE CLIENT SATISFACTION!

Get insight into operator performance using DeepAlert Premium's Operator report. Configure the report for a specific date range or schedule daily report. Operator performance including number of alerts addressed, escalated and resolved, time taken to open and time taken to resolve will provide valuable insights and enable management to improve monitoring performance.

Improve client satisfaction and retention by demonstrating the work done for your client - alarms received, analysed, filtered, escalated and resolved. Include all escalated alarms (including images) and notes associated with each response. Specify date range or schedule for automatic distribution to specific recipients on a regular basis.

Investigate problematic sites or cameras through the DeepAlert management interface. Adjust masking, alert schedules, rulesets and thresholds to fine-tune the installation optimally.





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## SYSTEM ALERTS

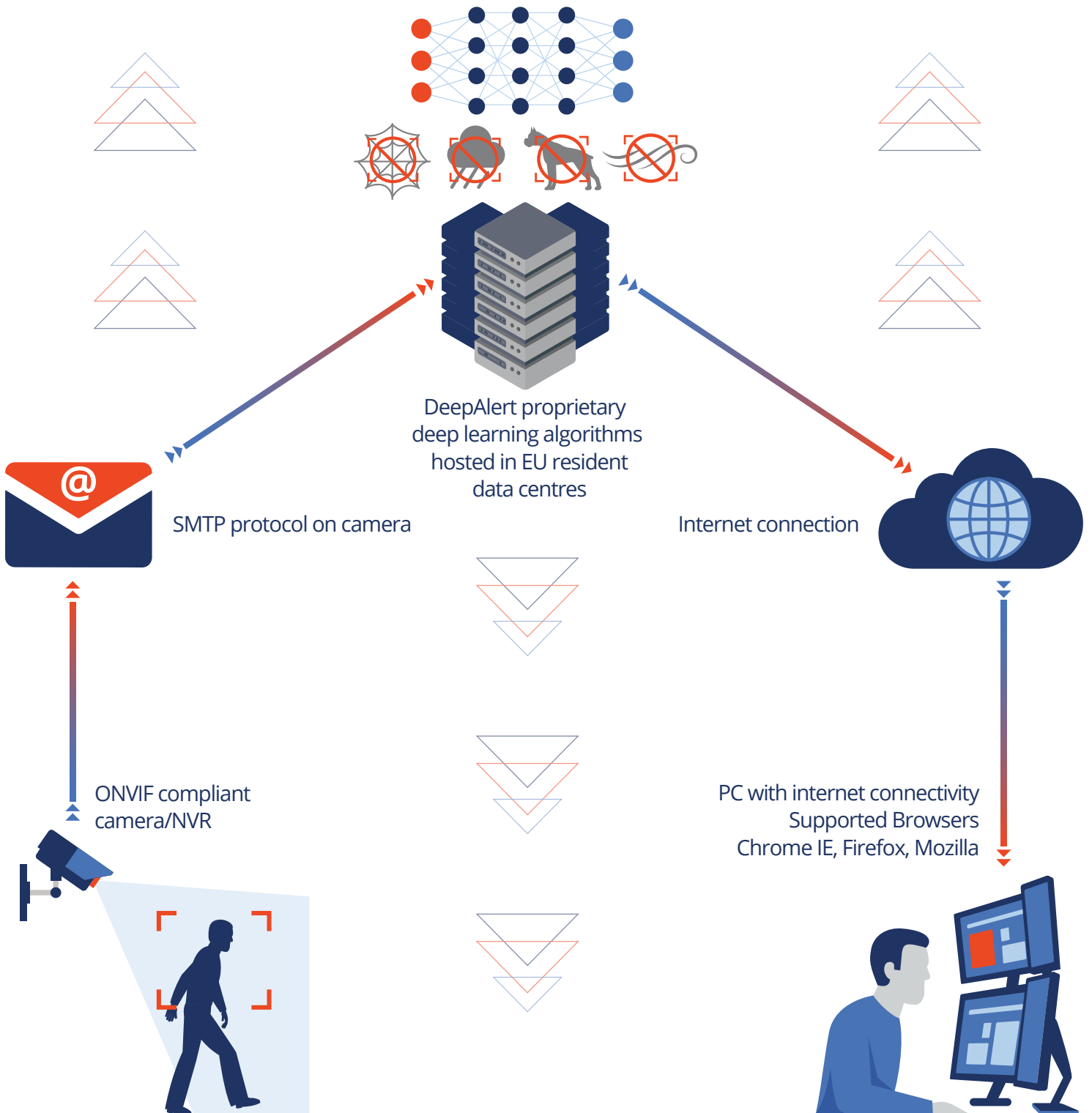






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## SYSTEM ARCHITECTURE





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**Accurate**



**Affordable**



**Reliable**