



## Video analytics with HxGN dC3 Video

### Keep an eye on what's important

Video analytics filter out relevant information from a flood of images, drawing attention to important events, saving time and relieving workloads for security staff.

In large installations in particular, a variety of cameras and alarm sources must be monitored simultaneously. Security personnel often reach their limits at this point.

- Not all cameras can be displayed and monitored simultaneously on screens
- As the number of image sources to be monitored simultaneously increases, attention decreases
- After half an hour, not even half of critical events are being detected

### Designed to meet specific requirements

Video analysis is well suited to identifying certain event or behavior patterns. Typical scenarios include persons or vehicles that enter specific areas without permission or remain in an area for a suspicious amount of time.

Thanks to a variety of functions and additional modules, the use of video analytics with HxGN dC3 Video can be precisely matched to the specific requirements of a project.

# Make the right decisions

HxGN dC3 Video | Analytics tools analyze image data and filter out all relevant information in real time. Intelligent routines allow you to record and evaluate results more quickly – and make the right decisions as a result.



## Flexible architecture

Thanks to its flexible system design, HxGN dC3 Video can work together with a variety of server-, edge- and cloud-based analytics solutions.



## Versatile applications

In addition to applications for traditional perimeter security, industry-specific analytics can also be used with HxGN dC3 Video.



## Solution expertise

Our commitment does not end with the development of open interfaces - our experts support you from planning to deployment to system expansion and beyond.



## Numerous integrations

We offer a wide range of deep integrations with third-party solutions.



## Optimum price / performance ratio

Our cost-effective analytics solutions facilitate use across large facilities.



## Forensic search

HxGN dC3 Video | Finder is a powerful, nonproprietary forensic search tool that can speed up investigations significantly.



# Analytics interface

In the integration of video analysis functions, Hexagon relies on a modular approach that combines maximum flexibility with deep integration.

This is facilitated by the analytics interface – a standard interface that can be connected to plug-ins for video analysis applications from numerous manufacturers. This connection can be used to transmit not only alarm events, but also metadata and rules to HxGN dC3 Video and visualize them there. The analytics interface permits the use of camera-, server- and cloud-based analysis algorithms.

Plug-ins for the following partners are currently available via the analytics interface:

- **Axis:** Perimeter Defender (camera)
- **Bosch:** IVA (camera)
- **NumberOK** LPR (server)
- **TechnoAware** (server)

## HxGN dC3 Video | Analytics

HxGN dC3 Video | Analytics is a suite of powerful, real-time video analytics tools based on ai-driven technology from Saimos.

Its areas of application range from traditional video analytics use cases such as perimeter protection and intrusion detection to people and vehicle counting for intelligent occupancy management. Using HxGN dC3 Video, the solution can be combined with access control and alarm systems – for a 360-degree security solution including forensic search and full event documentation.

In addition, HxGN dC3 Video | Analytics enables industry-specific applications. People counting and heat mapping can be used to measure the performance and conversion rates of a retail store or monitor and control the occupancy of platforms and stations in public transportation.

### Analytics use cases

This solution is a high-performance, server-based (Intel CPU/GPU) video analytics suite covering the following analytics scenarios:

- Perimeter protection
- 2D counting
- Object detection
- Fire and smoke detection
- Face analytics

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