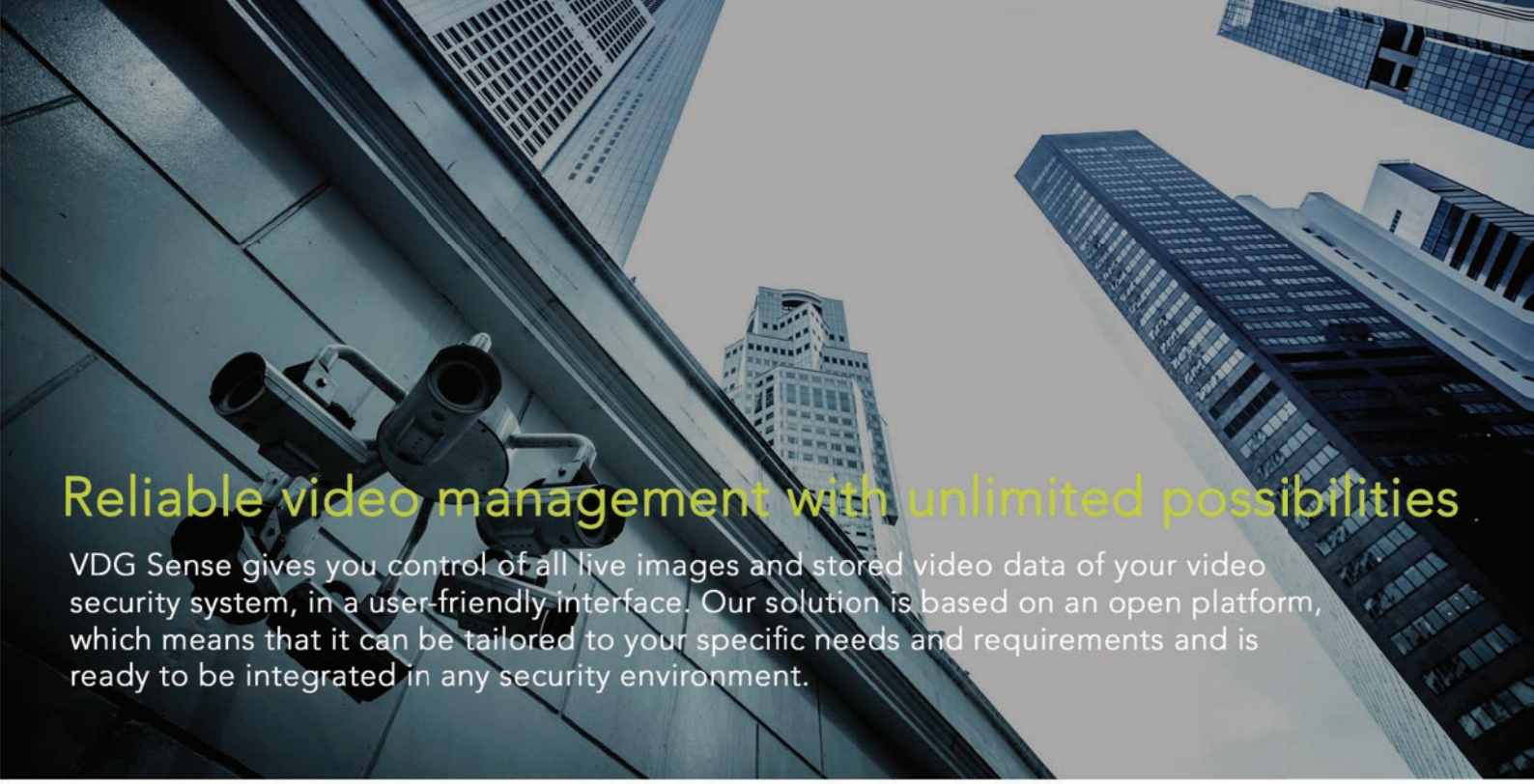
TKH GROUP

TKH SECURITY

VDG

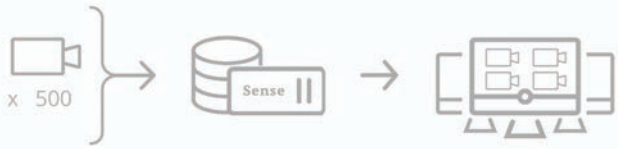
flexible and creative video management solutions

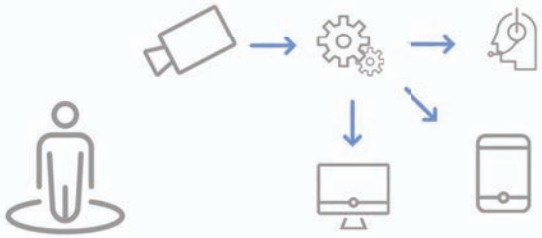
VDG Video Management



Reliable video management with unlimited possibilities

VDG Sense gives you control of all live images and stored video data of your video security system, in a user-friendly interface. Our solution is based on an open platform, which means that it can be tailored to your specific needs and requirements and is ready to be integrated in any security environment.





Flexible & Unlimited

VDG Sense is made for any kind of security environment. It is scalable from a few to a few hundred cameras and other connected devices. The possibilities are endless.

Event driven

By creating rules with built-in macros, it is possible to define system behaviour and trigger them when a certain event occurs.

Reasons to choose VDG

Flexible, trusted, experienced

It is our mission to be a major contributor to a safe and secure place for everyone, by developing the most innovative and flexible video management solution worldwide.

Own research and development

Innovation is driven throughout the company by the mindset of the people and their continuous search for new possibilities and applications of our software. Our solutions are developed in-house with the focus on openness, usability and simplicity. Because of this, our time of delivery is short and accurate.

User-Friendly

Our software is designed for an optimal user-friendly experience. The user interface contains fully customizable layouts to fit your exact wishes.

Mobile access

Our mobile apps and web client make it possible for you to view and control your VDG Sense video security system from anywhere.

COMMEND

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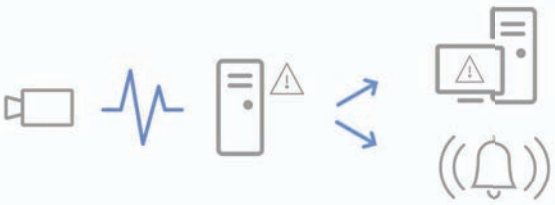
KEYPROCESSOR



Open Platform

VDG Sense is built on an open platform and can therefore be configured to work with any camera or security device. Third party integrations are made easy through our well documented HTTP/XML API.

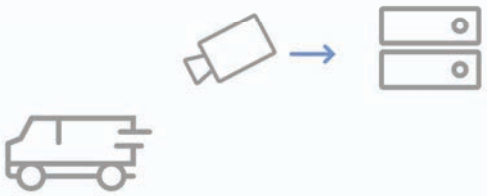
Pro-active

Have VDG Sense automatically screen and filter images, automatically discover new devices, create events and alert you when needed.

A reliable partner

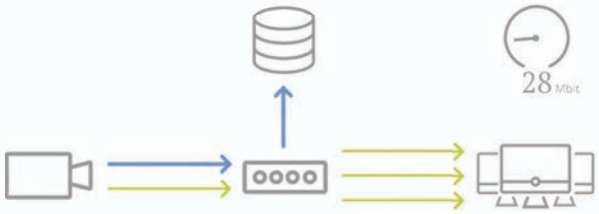
VDG Security is part of the TKH Group and the TKH Security Solutions. TKH strives to improve public safety and mobility through high-quality, reliable, and innovative security solutions. The main goal is to ensure the success of business partners through strategic and customized solutions. Our organization is flexible and easy approachable with commitment to our partners and customers, where reliability and service is of paramount importance.

TKH GROUP member of the TKH Group



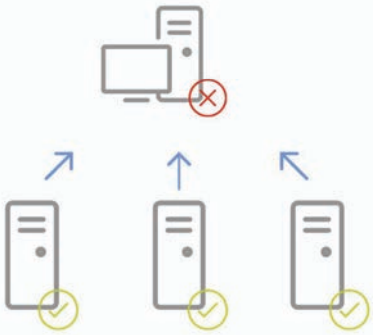
Motion detected recording

VDG Sense uses its available storage as efficiently as possible, by only recording data when the camera detects movement.



Lower network loads

With dual streaming and multicasting, network loads can be reduced up to 70%. Especially for larger video security systems this means a significantly lower amount of data.

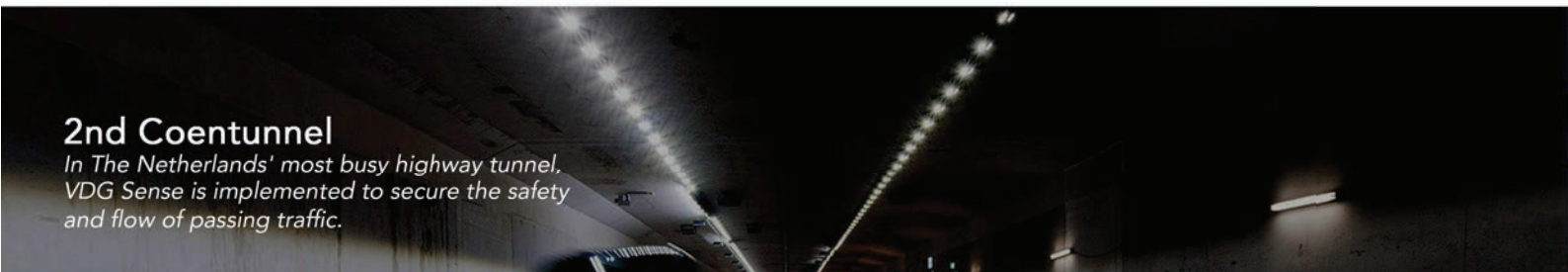


Failover protection

VDG Sense monitors more than 100 different points in the system, including network connectivity and hardware related functions. In any failover situation, all clients and servers automatically reconnect to the hot stand-by server in less than 90 seconds.

Device support

VDG Sense is built on an open platform and can therefore be configured to work with any security device.



2nd Coentunnel

In The Netherlands' most busy highway tunnel, VDG Sense is implemented to secure the safety and flow of passing traffic.

Intelligence

VDG Sense can be expanded with intelligent video content analysis (VCA). This can add huge value to the video data collected and can immediately initialize a signal, quickly and efficiently preventing avoidable situations.

CarR

For license plate recognition, VDG Sense offers CarR, a highly intelligent feature developed to scan for license plates in a live video stream. CarR can be used to compare a license plate to black or white lists, define the country of origin, count vehicles or detect vehicles returning in a pre-defined time period.

ObjectR

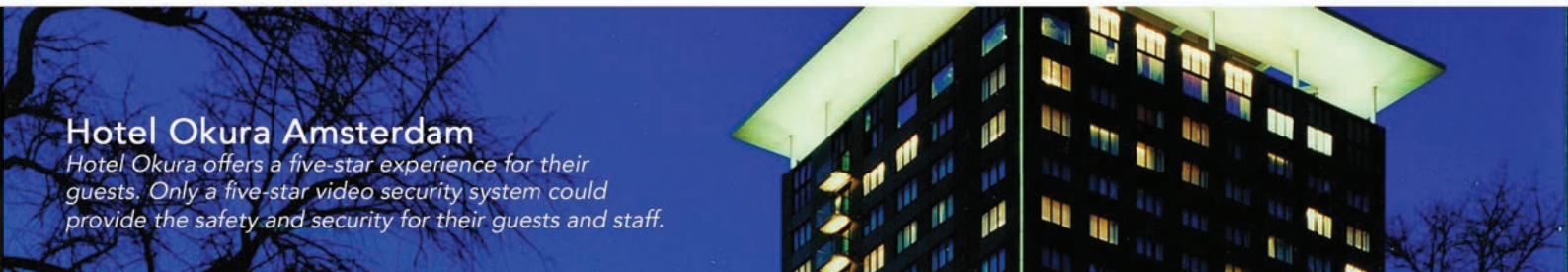
ObjectR can isolate objects from video images and classify them into several categories, each containing pre-defined rules. When a rule is violated, an event is created that can be used to trigger macros.

FaceR

FaceR can isolate faces from video images and convert them into metadata. The detected face can be compared with the person lists (e.g. a black- or white list). With a match or mis-match an event can be created and actions can be triggered using macros.

SceneR

SceneR has been developed to detect camera tampering and can analyze video images on change of angle and / or loss of detail. SceneR can also trigger an alarm if a camera has been tampered with (for instance moved or covered).



Hotel Okura Amsterdam

Hotel Okura offers a five-star experience for their guests. Only a five-star video security system could provide the safety and security for their guests and staff.

VDG Sense START

VDG Sense Start is free of charge and is designed for very small installations or to discover our software. It includes:

- Single server installation
- Four video channels
- One client connection
- Extensive easy to use functions

Features:
Simple setup, quick to use, large range of built-in features, easy to upgrade

VDG Sense BASIC

VDG Sense Basic is suitable for small businesses that require an easy to use and effective video security system. It is especially suitable for businesses which mainly use their video security system for continuous captioning of images for research or evidence. The VDG Sense Basic license offers:

- 5 servers
- 32 video channels per server
- Two external I/O device support included
- Two simultanious client connections included

Features:
Easy to use, cost-effective, all innovative functionalities, including mobile and web access.

VDG Sense PRO

For large organizations and complex video security environments, VDG Sense Pro offers a complete video security solution. The Pro license includes all innovative functionalities and has no limit on the amount of servers and video channels.

Features:
Full range of features and possible expansions available, unlimited connections and storage, tailored to your business' specific needs and requirements.

References

- Yas Marina F1 Circuit, Abu Dhabi, UAE
- Elia Energy, Belgium
- PSA International, Singapore
- Vienna Lines Metro, Austria
- Friesland Foods Campina, The Netherlands
- Media Markt, Germany
- OHL Metro Sao Paulo, Brazil
- 2nd Coentunnel Amsterdam, The Netherlands
- Hotel Okura Amsterdam, The Netherlands
- KPN Datacenters, The Netherlands

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