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Artificial
Intelligence
beyond
Deep Learning



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DAVANTIS

DFUSION has revolutionised video analytics for perimeter protection



More than 15 years of research to create a new generation of video analytics.

Power up your devices with our state-of-the-art technology.

Two detection engines to protect from security breaches

A fusion of the leading video analytics software in the market with highly advanced artificial intelligence technology

A solution for each project

We detect the impossible

We provide real video analytics solutions around the world. We adapt to our customers' needs and demands.

Maximum detection and minimum false alarms in perimeter protection with highly advanced artificial-intelligence based technology.

DFUSION has revolutionised video analytics for perimeter protection

DFUSION MINI

The most cost-effective four-channel solution for small sites

67 m day/night camera
Connected to a CMS



DFUSION

A powerful, scalable system for the industrial sector

67 m day/night camera
235 m thermal camera
Integrated in the VMS and PSIM



DFUSIONPRO

Powerful video analytics for critical sites

120 m day/night camera
505 m thermal camera
Integrated in the VMS and PSIM



Perimeter security for all types of sites



Education



Dealerships and car parks



Businesses



Leisure



Logistics



Residential



Airports



Photovoltaic farms



Power stations



Public transport



Prisons



Industrial facilities

Latest generation AI-based DFUSION technology

Everything under control

Optimal detection in difficult conditions

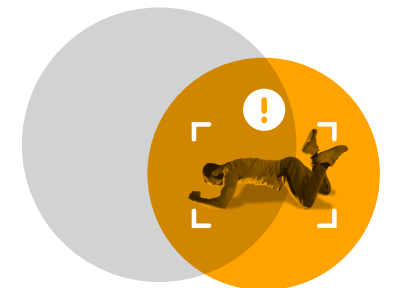
Capable of detecting intruders at long distances or partly hidden.

Avoid false alarms caused by: Plants, insects, spiders, rain, vehicle lights, etc.



Continuous analysis of the scene for total reliability

All images of the intruder are analysed continuously by two detection engines to ensure that nothing gets through the net.



Protection from tampering and faults

DFUSION detects technical alarms and instantly sends an alert to the control centres.










There are many causes of technical alarms. As well as vandalism, they can be triggered by the wind, branches hitting the camera, sudden changes in lighting, etc.



Features

DFUSION
range

DFUSION
MINI

Intruders

Vehicles

Entry / Exit

Sabotage

Loitering





Appearance / disappearance

Combination of rules

Integrated with CMS

Compatible ONVIF

DFUSION





Scalable

Integrated with CMS, VMS and PSIM

ONVIF bridge

High resolution

DFUSION
PRO

Virtual IR

Image stabilisation

Smart PTZ

ATKPRO

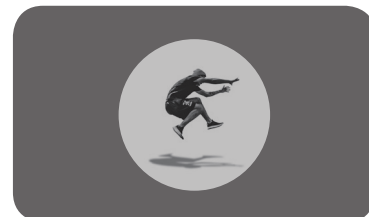
Features DFUSIONPRO



Virtual IR

Virtually lights darker areas to improve intruder detection by thermal cameras.

The system processes the image received by the camera, highlighting dark areas which are difficult to see, showing a better-lit image where the incident is clearly visible.



Stabiliser

For more reliable detection of intruders and fewer false alarms caused by camera movements.

The slightest vibration caused by the wind can cause the scene to shake and affect video analytics systems.

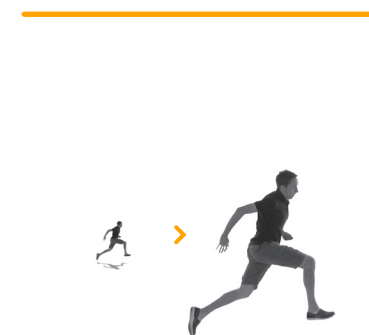
Our image stabiliser improves reliability and performance compared to competitors.



Smart PTZ

Based on detection with fixed cameras, the Smart PTZ feature makes it possible to position a PTZ camera at the point where the detection is generated.

This features provides security staff with additional video of the detection.



ATKPRO

Optional module that automatically follows the intruder when he leaves the field of vision of the fixed camera.

The Smart PTZ positions the camera in the detection point and takes control by following the intruder as he moves about. A video with the alarm is sent to the control centres for additional checks.



It controls more sites with fewer resources

Compatible with all makes of hardware and can be integrated in CMS, VMS and PSIM

DFUSION sends technical incident alarms to control centres and its polling system alerts when the connection is lost



DFUSION Allows scaling of video analytics systems.

Make more efficient use of your security staff.

Quick and easy installation.

Highly intuitive software.

Remote technical support.

Total freedom when designing CCTV systems



It takes less than 5 minutes to configure each camera with our patented SmartWalk technology.

Alarm management



CMS* Software

DAVIEW AMS

BOLD GEMINI
MKS
AVANTE
AZURSOFT/HORUS
IBS/SBN
IMMIX/SUREVIEW
INITSYS/MERLIN
MANITOU/BOLD

MASTERMIND
MONIPLUS
PATRIOT
SECURITHOR
SENTINEL
SIMS
SOFTGUARD
ETC...

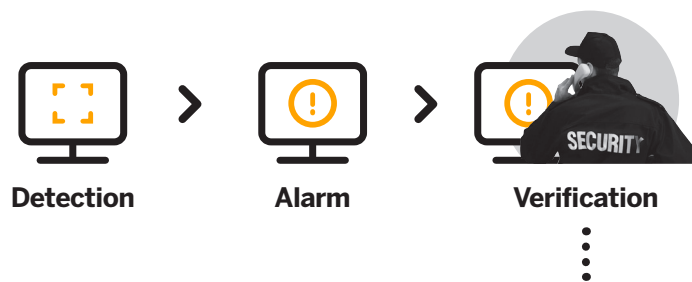
PSIM/VMS*

CORTECH
DESICO
GENETEC
GEUTEBRUECK
HIKVISION
IDIS
CNL
INDIGOVISION
MILESTONE
TELESTE

ULTRAVIEW
HANWHA
INDRA
OCTOPUS
NETWORK OPTIX
AGORA
BOSCH
EXACQ
ETC...

*See the complete list of integrations at www.davantis.com/en/partners

Verification process



ClickThru™

Exclusive, simple, efficient system integrated in all alarm management software, CRA, VMS and PSIM.

Click 1

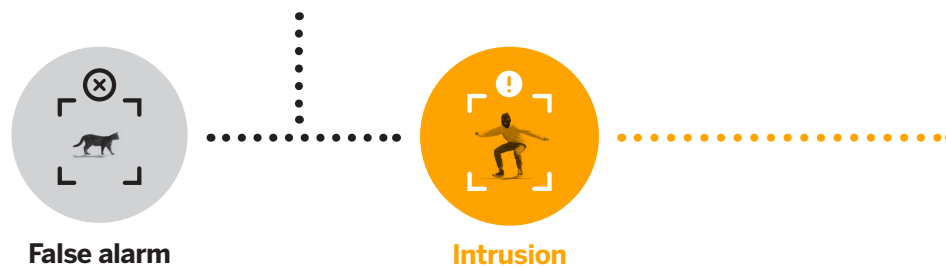
Snapshot
highlighting the cause of the alarm.

Click 2

Video Clip
Of the alarm at the activation point.

Click 3

Access
to the camera for immediate verification.



Remote activation of deterrent measures

Lights / Loudspeakers / Alarms / Police / Owner / Security



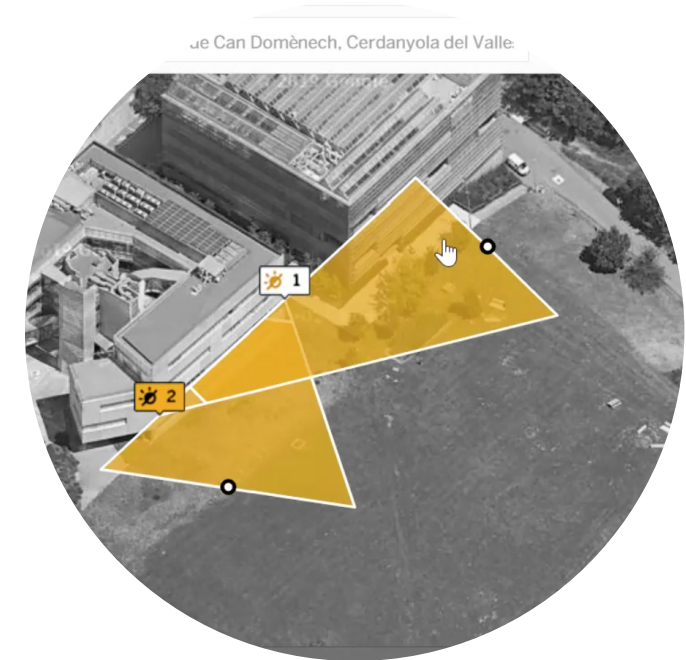
Your security staff can monitor the site and take the necessary actions within seconds



Design your
perimeter
security projects,
reducing costs
and installation
times

Site Planning Tool, Easy, free design

Register free at
davantis.com
and design
your projects



Design

The easy way to design your
security projects.

Create projects with any
type of camera by any
manufacturer

Avoid blind spots, poor
lighting or incorrect detection
distances



Technical reliability

Get it right the first time with
our tool.

Know the exact detection
distance of each camera by
its corresponding lens

Import and export projects
and share them with our
experts to get their advice



Here to help

We are here to advise you
throughout all phases of the
project.

Send the project to your
customers in pdf format,
customised with your
company logo

Find the angular coverage so
as not to lose detection on
the horizontal plane

Why DAVANTIS?

Smart solution for more
effective protection



Committed to your project

We advise and assist you through every stage of the project, from sales visits, designs and planning to commissioning the system.



Internationally renowned

More than 10,000 km of perimeter monitored with channels installed in more than 40 countries worldwide.

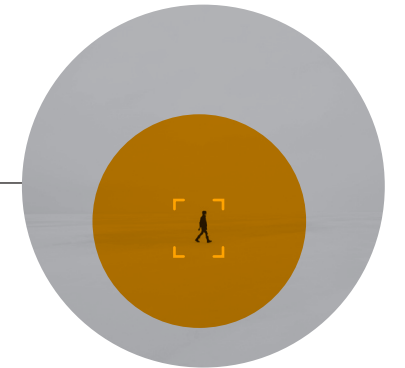


We share knowledge

Our excellent technical service is highly committed and provides remote support. Always ready to help you.

We are best for long distances.

Perimeter surveillance solutions for safer spaces.



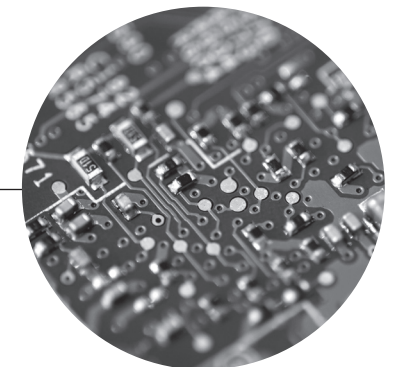
Verification process

Quick, easy alarm checks. Reaction within seconds.



Integral result

Compatible with all manufacturers. Total freedom when designing CCTV systems. Exclusive, simple, efficient system integrated in all alarm management software, CRA, VMS and PSIM.



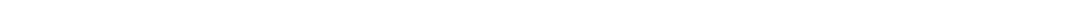
We plot the road to follow



+40 countries
represented

+10,000 km
of perimeter under surveillance

+15 years
specialising in R&D



DAVANTIS Offices

**DAVANTIS
TECHNOLOGIES SL**
Barcelona · Spain
Madrid · Spain
Nice · France
Luedinghausen · Germany
Bogota · Colombia
Singapore

**DAVANTIS
TECHNOLOGIES INC**
Washington DC · USA



We are committed to making secure spaces

We are pioneers in video analytics and in developing new solutions.

We supply our own, innovative technology, compatible with every security system in the market.

Everything we do is high quality, and we are 100% committed to our customers to guarantee that all your projects are a success.





CPNI[®]

Centre for the Protection
of National Infrastructure

**DFUSION &
DFUSIONPRO**



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