DFUSION.

Two detection engines to stop security breaches

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

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

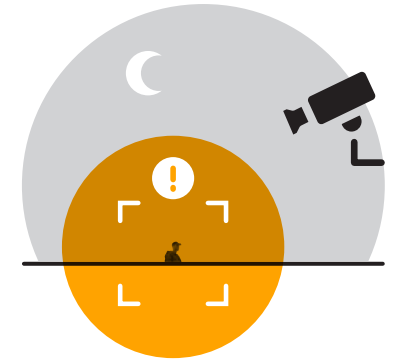Power up your devices with our state-of-the-art technology.

—

DAVANTIS

Latest generation AI-based DFUSION technology

Everything under control

Maximum detection, even under difficult conditions

Capable of detecting intruders at long distances or partly hidden.

Compatible with day/night and thermal cameras.

Unprecedented reduction in false alarms

Avoid false alarms caused by: plants, trees, small animals, insects, spiders, bad lighting and vehicle lights, heavy rain, wind, etc.

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.

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.

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

DFUSION MINI

The most cost-effective solution for small sites

67 m (73 yd) day/night camera
Connected to a CMS

DFUSION

A powerful, scalable system for the industrial sector

67 m (73 yd) day/night camera
235 m (257 yd) thermal camera
Integrated with most VMS and PSIM

DFUSION**PRO**

The best video analytics for critical sites

120 m (131 yd) day/night camera
505 m (552 yd) thermal camera
Integrated with most VMS and PSIM

- Education
- Dealerships and car parks
- Businesses
- Leisure
- Logistics
- Residential
- Airports
- Photovoltaic farms
- Power stations
- Public transport
- Prisons
- Industrial facilities

Efficient tools for security management

Features

- Intruders
- Vehicles
- Entry / Exit
- Sabotage
- Loitering
- Appearance / disappearance
- Combination of rules
- Integrated with CMS
- Compatible ONVIF

DFUSION MINI

Day/night camera:
67 m (73 yd)

- Scalable
- Integrated with CMS, VMS and PSIM
- ONVIF bridge
- High resolution
- Threat levels
- Maps in action

DFUSION

Thermal camera:
235 m (257 yd)
Day/night camera:
67 m (73 yd)

- Virtual IR
- Image stabilisation
- Smart PTZ
- ATKPRO

DFUSIONPRO

Thermal camera:
505 m (552 yd)
Day/night camera:
120 m (131 yd)

Advanced DFUSION & DFUSION**PRO**

Maps in action

Optional module that allows operators to visualize the activity of an installation on a live map.

Alarmed cameras change their status to alert operators.

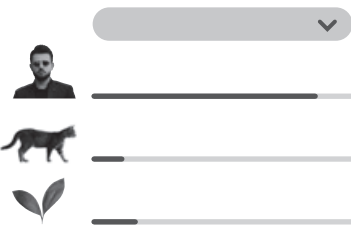Hotspot mode automatically opens the camera's live image in case of alarm.

Threat levels

Critical infrastructures can use different security protocols depending on their characteristics.

Our solutions work with preset sensitivities depending on the current threat level.

The different levels can be activated from an external device.

Discover the potential of our advanced features for perimeter protection

Advanced
DFUSION**PRO**

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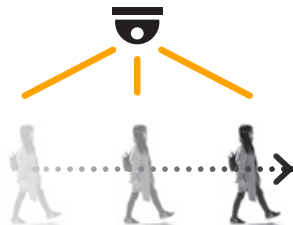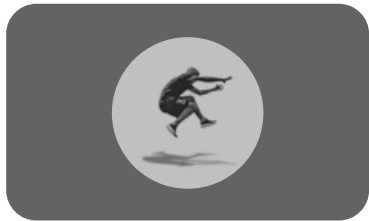
This features provides security staff with additional video of the detection.

ATK**PRO**

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.

More control, 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.

ONVIF
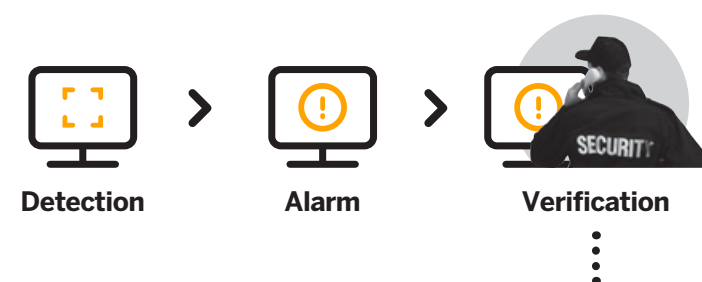
NVR

DFUSION

DAVANTIS

Alarm management

AMS SERVER

CMS* Software

DAVIEW AMS
AVANTE
AZURSOFT/HORUS
BOLD GEMINI
IBS/SBN
IMMIX/SUREVIEW
INITSYS/MERLIN
MANITOU/BOLD
MASTERMIND

MKS
MONIPLUS
PATRIOT
SECURITHOR
SENTINEL
SIMS
SOFTGUARD
ETC...

PSIM/VMS*

AGORA
BOSCH
CNL
CORTECH
DESICO
EXACQ
GENETEC
GEUTEBRUECK
HANWHA
HIKVISION

IDIS
INDIGOVISION
INDRA
MILESTONE
NETWORK OPTIX
OCTOPUS
TELESTE
ULTRAVIEW
ETC...

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

Verification process

Detection › Alarm › Verification

ClickThru™

Exclusive, simple, efficient system integrated in all alarm management software, CMS, VMS and PSIM.
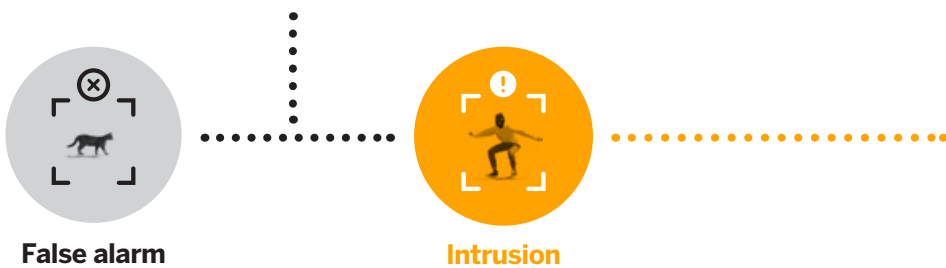
Click 1

Snapshot
highlighting the cause of the alarm.

Click 2

Vídeo Clip
Of the alarm at the activation point.

Click 3

Access
to the camera for immediate verification.

False alarm

Intrusion

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
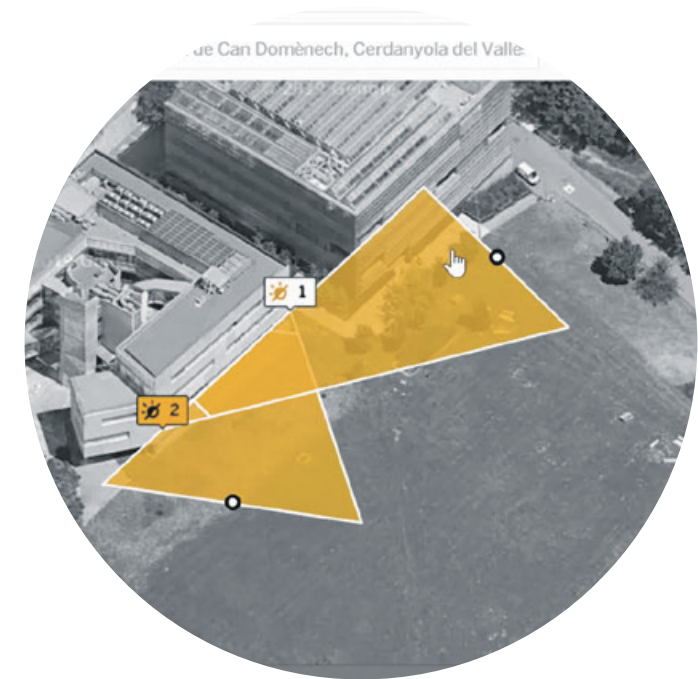
Design your perimeter security projects, reducing costs and installation times

Site Planning Tool, Easy, free design

—

Register free at davantis.com and design your projects

ue Can Domènech, Cerdanyola del Valle.

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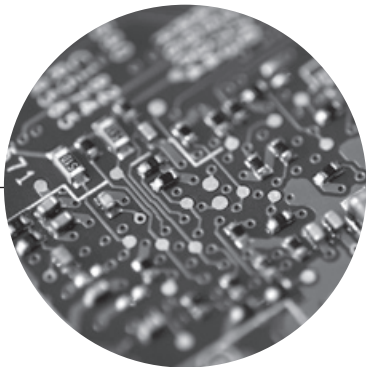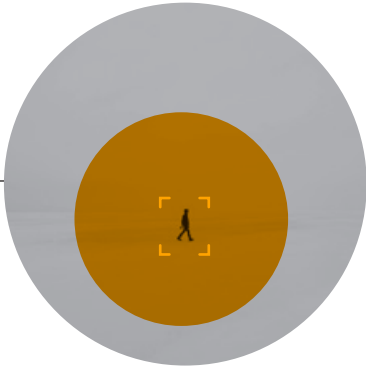
We share knowledge
Our excellent technical service is highly committed and provides remote support. Always ready to help you.

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, CMS, 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

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