



Intelligent.
Enterprising.
Dependable.

World-class IP surveillance software



Who we are

We make world-class video management software and we make it really easy to use

Digifort VMS is an easy to use industry leading Open Platform Video Management Software for SMB to high-end Enterprises.

Making use of the most advanced concepts of digital intelligence in the area of surveillance and physical security, the Digifort System embarks upon a new age in the active and passive surveillance of security cameras, integrating solutions and offering the most modern technologies that are available today.

With large numbers of connected devices coming together, there is so much data being generated and will continue to grow. Ultimately we need to make sense of the data.

Bringing together technology and intelligence, Digifort will provide a solution that is a value-add to our customers who are the ones using it every day.

We guarantee it.

Our ethos



Independent

The best IP video management systems are independent of hardware and give you the freedom to select the "best of breed" hardware with the best fit for your application.

Our Independence is a unique key to be working with the best hardware and technology partners around the globe, and make it easily accessible to every enterprises no matter how small or big, and whatever the budget. We believe security should be affordable by everyone.



Enterprising

Adopting these new technologies is our vision and a key strength of Digifort. These technological advances will have a positive impact on ROI for your security systems.

Investment in any new system comes out of a company's capital expenditure, and "returns" can be difficult to calculate. Not anymore!



Open Platform

Digifort is an Open Platform, which translate into "Freedom of Choice" for our customers, strong alternative against locking-in proprietary systems.

Digifort is the most compatible software in the market, supporting more than 6000 devices and 247 different manufacturers. This is growing every day.

The Digifort difference

We transform video surveillance into real value for your business



“Digifort makes sense. It’s easy, light and stable. It works really well.”

Centre of your business intelligence

With deep intelligent integration, we bring the latest technology to your fingertips. Configurations, analysis, playback, report generations and more are all embedded into Digifort making it extremely simple and easy to use these highly advanced technologies.

Tiered Offering

Digifort offers 4 package options:

- Explorer
- Standard
- Professional
- Enterprise

Each package includes features compatible with any type of installation and support for a large number of IP cameras. This enables economical custom solutions for your immediate needs, while providing the scalability for future expansion.

Save bandwidth and spend less

Digifort leverages multi-streaming capabilities, allowing live recording views in both small screen and full screen mode. It uses different streams for motion detection in order not to overload your hardware. This means you can achieve better performance even with your existing hardware.

Language Support

A truly global solution, Digifort software is written in 14 different languages: English, Spanish, Portuguese, Dutch, Japanese, Korean, French, Czech, Italian, Russian, Traditional Chinese, Simplified Chinese, Turkish, Lithuanian.

For details on our reference sites, please refer to our reference site booklet.



Our technology

The best innovations start with a purpose - a focus on why it's needed and who will benefit from it.



Map

Supports creation of multi-level maps but also Google maps with camera auto population advanced engine.



Virtual Matrix

Manages large video walls, sending objects, images from cameras, maps and screen styles from monitor to monitor. Highly essential feature in any modern control room.



Intel quick sync

Digifort support for video decoding (H.264 and H.265) using Quick Sync via the Intel processor video card.



Multi-Processor Scalability

Digifort's powerful memory manager allows greater scalability when using multiple processors. It reduces CPU usage up to 50% in servers with high processing volume and multiple cores.



Digifort Insight

A free utility provided by Digifort. Insight is screen capture software that works as an IP camera. It generates streaming video to the Digifort server containing the desktop screenshot of where it is installed. It also has the ability for remote PC control.



Failover

Achieve uninterrupted system connectivity and ensure maximum up time and peace of mind. When you have critical data to protect, you can rely on Digifort's Failover that provides continuous access and can tolerate hardware failures without any system interruption. Digifort also Failover LPR, VCA & I/O Device.



Multiple-thread media playback

Digifort delivers high performance when reading the images and sending them to the clients.



Attach Multiple images to e-mail and full e-mail customization



Digifort Mobile

Digifort Mobile is a software developed on the Java platform for mobile devices such as Smartphones, PDAs, etc. It makes it possible to view images of IP cameras and video encoders as well as activate events from your mobile devices.



Edge recording and self-healing

Edge recordings are possible on certain integrated cameras. Record on the camera's SD card when there is a network disconnection. This video will be transferred back to a central server as soon as the network connection is restored.



MP4 compatible with WhatsApp

The .MP4 export format is now WhatsApp compatible and can be sent directly through the WhatsApp web.



digifort

Open platform IP surveillance software



Research and Reporting

Digifort lets you easily generate reports from any analytics event in a variety of styles including line, bar and pie charts. Set advanced filters and create comprehensive reports within minutes. Valuable business intelligence at your fingertips.



Screen Style

Digifort VMS solutions provide unlimited screen style creation. This flexibility gives the customer more control over display options.



Meta Data Recording

Digifort system now allows metadata recording and playback tied to camera images. At this moment only analytics metadata are supported, but different types of metadata are planned for future implementation.



Digifort Keyboard

The keyboard controller DGF-KB1000 has been developed exclusively for the Digifort system to provide faster and easier control over your entire operation.



Digifort Mobile Camera

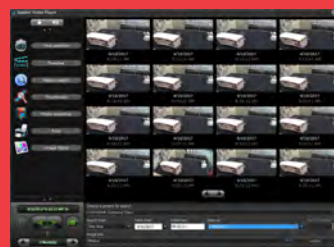
Mobility is more important than ever. System allows recording and live viewing of images from smart mobile phone device (Android or iOS) cameras, where there are no security cameras.

- Police
- Cargo Inspection
- Patrol/Security Guards
- Maintenance Team



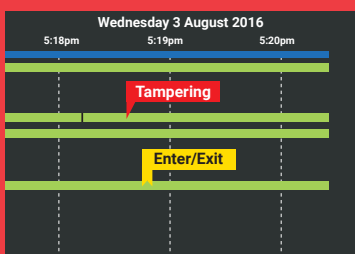
Thumbnails search in playback

Digifort Media Player now allows you to search for thumbnails. This great feature will display a thumbnail of different recording times, allowing you to quickly locate a desired scene.



Bookmarking

Innovative video bookmark as an advanced forensic tool which allows fast marking of events for later search.



Features published in these pages are only some of the key features. For more extensive list, please speak to your distributors. New features and improvements are developed continuously.



**“Without intelligence,
video surveillance is
a passive tool”**

Our features

Exporting in MP4

The media player now allows native exporting to .mp4 format as a great alternative to .avi exporting.

Exporting in JPEG

The media player now allows video export in JPEG images sequence.

Codec for AVI exporting

Digifort will install by default 2 great codecs for using in video export:

- XviD MPEG-4
- X264

Turbo Exporting

Default export mode for highest possible export speed.

Protect Video Exporting.

An option to have password protected exporting.

Media player printing

Printing of multiple camera.

Privacy mask

The Privacy Mask feature allows blurring areas of image option as well as a total blackout.

Image Cropping

Crop the camera image from media playback, by using this feature. The system administrator can select an area of the image that he/she wishes to keep visible for the users.

Selection of Multicast network for relay

Digifort allows the selection of a source network for sending images using multicast.

Motion Detection

Recording profile (Resolution & Frame Rate) change by motion detection for huge saving on

Archiving

Archived recordings are considered "Cold Storage" and form part of the archiving system, which can be configured to copy all recordings of previous day to another storage folder that can be located in a different storage device that usually has lower performance and lower cost.

Audio Archiving

The archiving system archives audio as well.

Send multiple object to virtual machine

Virtual Matrix allows sending all objects on the screen along with its configurations (Current media profile, zoom position, 360 lens position, image filter and motion detection).

Support ONVIF

Deep Integration with the latest Onvif version.

Support H.265

Full support for decoding and management of H.265 streams (HEVC).

Audio level Detection

Digifort can now analyse the audio level of an environment and trigger events in case the audio level is over or below a specified limit by for a minimum amount of time.

Edge Analytics

Both LPR & VCA system now supports an Edge analytic cameras which runs embedded analysis algorithms.

Report Authentication

Digifort now has a great feature for verifying the authenticity of an issued report for legal purpose.

Video Buffer

Digifort Surveillance Client allows the option for video buffering with different settings for fixed and PTZ cameras.

Ping test on Device

The camera and I/O device status now provides a quick link for a ping test as a way to diagnose communication problems.

Easy registration of multi-channel device

An option to automatically register multiple channels of a multi-channel device such as DVR, NVR or multi-lenses camera.

Multi-thread performance

The system multi-threading scheduler for better performance and control.

Build a
digital fortress
Loved and always dependable



Support HTTPS/SSL

Digifort Web Server has support for HTTPS and SSL.

Support IP V6

Server to connect to cameras using IPv6 and clients accessing the server using IPv6 networks.

Support SNMP

Digifort allows sending TRAPs to notify the occurrence of any system events through the SNMP protocol.

RTSP server

Internal media buffer in the RTSP Server to improve the transmission of media in connections slower than the original camera bitrate. With Digifort, transmission of MJPEG over RTSP uses little server memory.

Key feature



Video Synopsis



Too much video. Not enough eyes.



Get to the point fast

Fast video review, search and analysis

Digifort has integrated third party Video Synopsis® technology which helps everyone, from law enforcement, government and public security organization to private security and corporate entities, to achieve rapid video review, search and analysis via simultaneous presentation of events that occurred at different times.



Multiple configuration option

Know what you didn't know before

This technology can recognize and extract objects, along with information about those objects, such as color, direction, path, dwell time, size, path, speed, and more. Developed over the years to handle thousands of scenes, lighting and weather conditions.



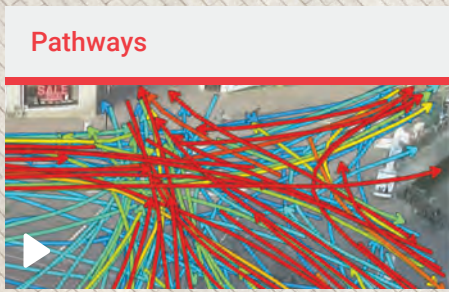
See patterns at a glance

Reduce your time to target

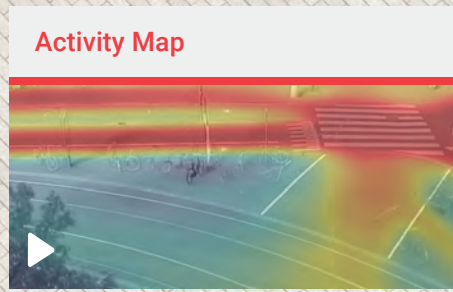
This method offers a powerful set of video review tools for locating events of interest so that users can reach targets more quickly than ever before.



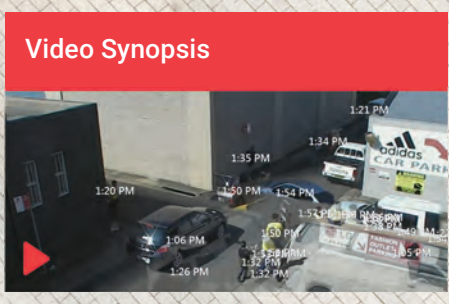
Find your target



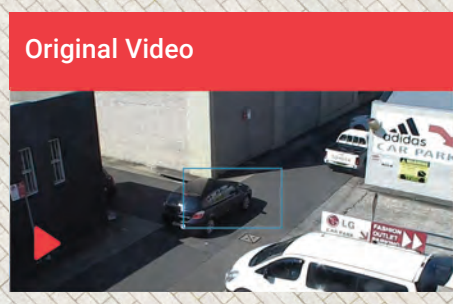
Pathways



Activity Map



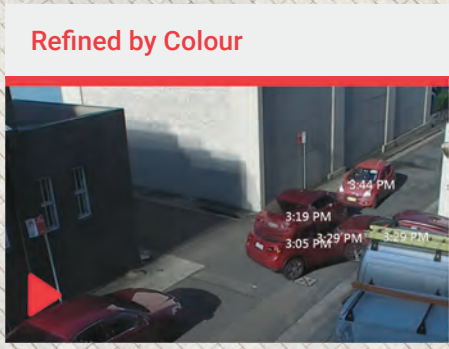
Video Synopsis



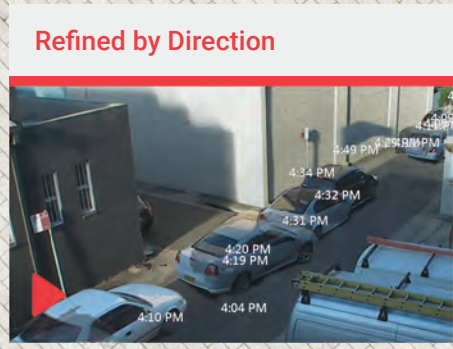
Original Video

Other key filters:

- Speed
- Area of interest/ Area of exclusion
- "Similar to This"
- Customized path



Refined by Colour



Refined by Direction



Refined by Size

Key feature



Video Contents Analytics [VCA]

Main Applications

- Intrusion detection
- Shake cancellation
- Tamper detection
- Enter & exit filters
- Dwell filter
- Direction filter
- Counting
- Abandoned object filter
- Speed filter
- 3D calibration
- Tailgating filter
- Logical rules
- Appear & disappear filters
- Stopping filter
- Removed object filter
- Zones & lines

Analytics driving the future of next-generation video surveillance

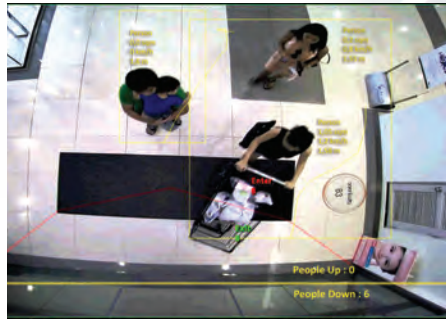
With camera counts in large-scale applications becoming larger than ever, they generate huge amounts of data that strains human resources.

Digifort video analytics can complement the human operator in the supervision task in two ways: Real-time video alarm triggers and assisted video search.

Independently tested against the UK Home Office i-LIDS, Digifort VCA technology is able to work exceptionally well by automatically adapting to varying light conditions and can be easily fine tuned to avoid false alarms.

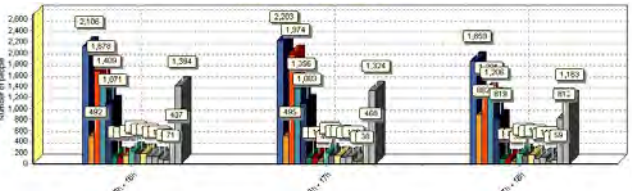
People Counting

Video retail analytics is the best way to understand your business, and to make educated retail decisions to grow your business.

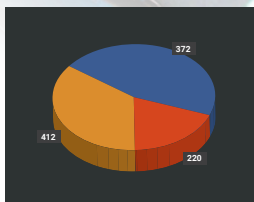


Powerful report generation

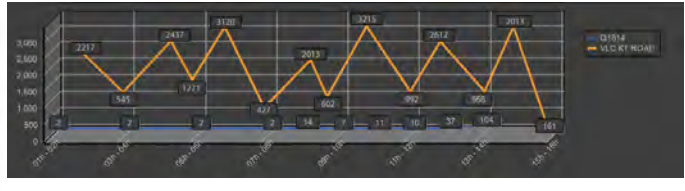
Customized reports based on system events, specific parameters and filters



3D Bar Charts



Pie Charts



Line Graphs

Key feature



License Plate Recognition [LPR]



Digifort offers the world's best library of number plates for recognition. It can be read at acute angles, in many different lighting conditions and most importantly, at high speeds.

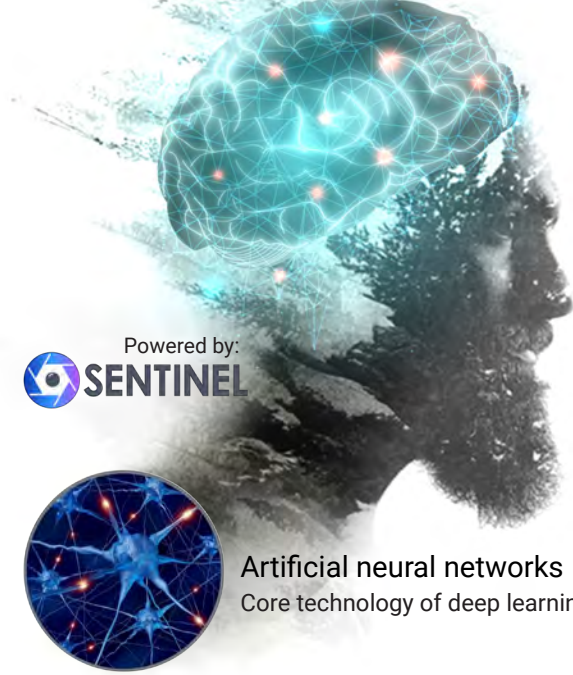
Benefits of LPR

- Allows integration with external database. eg. Cloud database integration with control access devices.
- There is no limit on the recording of plates on the database.
- Allows search by date, time, plate, set characters, used cameras and customized filters.
- Allows you to generate and print powerful reports.
- Largest license plate library in the world. It is fast, highly accurate and cost-effective.
- Able to detect fast moving vehicle speeds of up to 250km/h.
- Digifort LPR deployed in many commercial sites with excellent accuracy across the globe in more than 150 countries.
- Due to our core engine's outstanding technology, its high accuracy rate, the speed of image processing and its adaptability, it is among the best of its class.



Facial Recognition in the crowd

Deep Smarts



Powered by:
SENTINEL



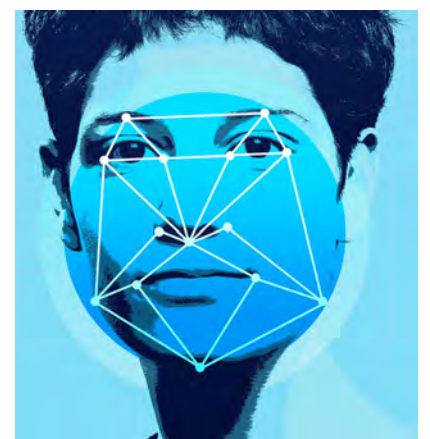
Artificial neural networks
Core technology of deep learning

At Digifort we work with best forward-thinking technology partners to create a safer and more secure planet through face recognition software technology for airports, shopping malls, cities, law enforcements and more.

Digifort face biometric system is very powerful and allows to differentiate between persons that look alike even on galleries of thousands of enrolled people.

Thanks to the State of the art algorithms, we can achieve robust and efficient detection of multiple faces under challenging conditions.

Our technology has taken facial recognition accuracy to the next level using the latest advancement in computer vision technologies, **Deep learning techniques** and **AI**.



Faces are represented into multidimensional numerical vectors called **faceprints**.

Deep learning is a branch of machine learning about multiple levels of representation and abstraction to make sense of the data. It is a set of algorithms in machine learning which uses artificial neural networks to learn multiple levels, corresponding to different levels of abstraction.

Captured Image	Stored Image
NAME : SYED AHMED	
LOCATION DUBAI	
LAST SEEN 22/08/16	
98% MATCH	ALERT ■

Key features

- Log all faces, known and unknown
- Enroll from unknown events given a specific unknown face
- Blacklist and Whitelist
- Hardware Agnostic
- Automated Alert Escalations
- High recognition rate with very low false positives
- Activity log, logs any feed activity
- Trigger Digifort's Global Events

Digifort's Global Events

- Send e-mail to a group of contacts
- Show objects to operator. The objects will be displayed in the same popup
- Play alarm sound in surveillance client
- Send an instant message to the operator
- Request operator acknowledge
- Call presets from cameras
- Activate output action scripts
- Activate or deactivate system objects
- Send a HTTP request
- Create a bookmark
- Download recordings from devices with edge recording support
- Create timer event

Forensic Analytics

Empower your security team with the best tool

Quickly locate a specific person of interest across an entire face monitored site, by uploading a photo of a person of interest. It can dramatically improve incident response time and enhance forensic investigations.

Disclaimer: Images and drawing are for illustration purpose only.

Global network



Digifort is rich in features and integrated 3rd party devices. For more information about Digifort VMS contact one of our global network offices below or your local representative.

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SOCIAL MEDIA

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