

GATEWAY TO DIGITAL SECURITY



The Open Platform IP Video Software

Top performance IP video surveillance
with a comprehensive feature set



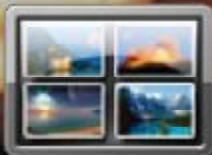
Digifort[®]
IP Surveillance System

What is IP-Surveillance?

IP-Surveillance is a term for security system that gives users the ability to monitor and record video over an IP (Internet Protocol) based computer network such as a local area network (LAN) or the internet. This involves the use of a network camera (or an analogue camera with a video encoder/video server), a network switch, a server for viewing, managing and storing video, and video management software, **DIGIFORT**.



UNIQUE PERSONALITIES



Open Platform (freedom to choose)

The digifort software is designed with the purpose of offering total compatibility with great variety of IP cameras of various brands and also makes use of devices such as analogical cameras and video servers.

Flexible remote access

You can access live and recorded video at any time from virtually any network location in the world. Multiple, authorised users, even a third party like a security firm, can at different locations access live or recorded video.



High image quality

You want to be able to clearly capture an incident in progress and identify persons or objects involved. With Digifort, the quality of images produced can be more easily retained than an analogue surveillance system. Now with Mega pixel network cameras, resolution greater than an analogue can be offered, which means that more detail or larger areas can be covered with less number of cameras.

Scalable and flexible

Digifort software can grow with your needs. You can add as many network video products to the system as desired without significant or costly changes to the network infrastructure. You can place network products from virtually any location, and the system can be open or as closed as you wish.



Event management

There is often too much video recorded and lack of time to properly analyse them. Digifort's sophisticated search functions, with built-in intelligence or analytics ensure that the amount of uninteresting video recorded is reduced, hence find or analyse the event with ease and speed.

Dependable, robust and stable

Whether it will be for small or large installation, single or multiple sites, Digifort is the robust software you need, why?

- * Unbelievably Simple
- * Uniquely Affordable
- * Unquestioningly Reliable



SIMPLICITY

The very first thing you will notice with Digifort software is the ergonomically designed graphic interface designed for the most novice users. It is truly an operator-oriented interface that is intuitive and simple for the laymen operator, and the software administrator interface offers a complete vision of the system in an easy to understand format.

FUNCTIONALITY

The software is based on client/server architecture.

Digifort supplies system usage and server performance report*. Critical information like the bandwidth usage per camera or global and exact calculation of expected recording days is generated for you to eliminate unreliable guesswork.



Built-in web server*

Even via the web server, there is no compromise. Same GUI, and virtually all function is at your finger tips.



Video compression

There are four main video compression standards in use today: WAVELET, Motion JPEG, MPEG-4 and H.264. Each standard employs different techniques to reduce the amount of data transferred and stored in a network video system.

Digifort supports all four standards for maximum flexibility & integration possibilities.



Security

Account Expiry, Login Times, IP White/Black List offer higher levels of user management. Event/alarm responses include recording from selected cameras, raising an alarm, pop up an image from a selected camera, setting an external output device, sending an email and sending an SMS to a cell/mobile phone. To ensure proper measures taken, Digifort can pop up an acknowledgment screen to accurately log what cause of action has been taken. This stays open status until the person responsible fills out the form informing the measures taken.



Time Schedule

A schedule can be created and applied to users, I/Os, video motion detection, recording, event triggers and remote access privileges.



Active Directory

Active Directory Integration



Virtual Matrix

Virtual Matrix is a method of sending/controlling cameras on other monitors/video wall. It can be used for Public Displays, video walls or simply to send a camera/view to operator.



Video Analytic's

Analytics supported are Object Left/Removed, Camera Tampering & Face Detection



Http Api

Easy & Powerful API ensures swift integration



Intelligent pan/tilt/zoom (PTZ) Control

Digifort has control of PTZ, as well as presets and tour function. Allows control of PTZ camera by way of USB mouse or Joystick control*. Has PTZ blocking by priority*.



● IMAGE MONITORING

(Virtual Matrix)

Easy to use and yet powerful interactive menus, with fully customisable (user profile) screen style formats with drag and drop or auto double click functionality.

Multiple digital zoom of different parts of the image

Direct access to configuration set up for each camera, without having to log off and enter a separate administration section. Great for those quick changes we often need to make.

Images can also be viewed via any mobile/cellular/PDA phones which has JAVA application*.



● VCA

Digifort video analytic's automate the monitoring and analysis of CCTV images improving the efficiency of your security staff.

● VIDEO REPRODUCTION, EXPORTATION AND LOOK-UP

Allows the synchronised reproduction and exportation of video footage of various cameras simultaneously.

Has the powerful museum/smart search where more than one zone can be selected as a point of interest on multiple cameras simultaneously.



Multiple digital zoom of one or many different parts of the screen during playback simultaneously.

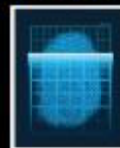
Digifort's, unique export video footage function makes exporting whole day or days of footage as simple as backing up few hours of footage.

Digifort supports de-interlading of analogue cameras.

**These features are not available on certain versions. Please check the comparison table for full features.
+ This feature is depended on the camera*



● BIOPASS



BioPASS is a small USB fingerprint reader which can be used for authentication with Digifort. Username and passwords can be given to unauthorised person, but you can not give your finger.

This allows for a combination of login methods:

- Username & Password Only
- BioPASS Only
- Username & Password + BioPASS
- Username & Password OR BioPASS

● LPR

Licence Plate Recognition is an optional component used to automatically read vehicle number plates. Digifort stores this information with video, which can be searched and played back.



● IMAGE RECORDING

Digifort supports recording and live visualisation speeds of up to 25 (PAL)/30 (NTSC) per camera regardless of resolution.

Has a feature for increasing the recording frame rate in case of movement detection.

Has digital certification of the images, which guarantees their authenticity.

Has an intelligent disk management system.



● SYNOPTIC MAP

Map displays information about the devices, such as its status by way of visual indicators. As an example it's bandwidth usage, how long the device has been active, or inactive.

Allows different map to be opened, by way of links, transforming it into a map of levels.

Full control of alarm devices as well as camera by way of Point-and-Click control.



● AUTOMATIC BACK UP/ARCHIVING

This function will maintain a copy of the last "N" recorded days to another path (PC or NAS), to further ensure your data is secure. N can be any number of days. When this feature is configured, Digifort will back up on a daily basis, automatically.

OPTIONS



● DIGIFORT EVIDENCE

This is an optional web based module of the digifort system which allows the classification and documentation of events for future reference, and generation of administrative and statistical reports/graphs. With Evidence, the client can reduce his image archiving costs, time, maintenance, and have greater availability of information related to the event, and have better organisation of the documentation of these events.



● DGF-KB1000

Digifort Keyboard is specifically designed to provide full control of the Digifort IP Surveillance System. The keyboard provides controls for PTZ's virtual matrix and playback control. The keyboard completely replaces the need for mouse & pckeyboard on operators desk.

Product Comparison Chart

Digifort Version Comparison	Standard	Professional	Enterprise
Number of cameras	4 to 32 (by Packs)	8 to 64 (by Packs)	8 to unlimited (by Packs)
Number of Alarm Boards	0	Client / Server	Client / Server
Has IP Filters	No	No	No
Has server activity log	Yes	Yes	Yes
Has events log	Yes	Yes	Yes
Supports Multi-Users	Yes (up to 8 different users)	Yes (up to 16 different users)	Yes (unlimited number of users)
Has privacy masking	No	Yes	Yes
Has control of filters and effect on image	No	Yes	Yes
Supports alarm input and output	No	Yes	Yes
Generates an event upon detection of movement	No	Yes	Yes
Generates an event upon recording failure	Yes	Yes	Yes
Generates an event if a camera is out of order	Yes	Yes	Yes
Has manual events	No	Yes	Yes
Has timer events	No	Yes	Yes
Supports creation of contacts & groups for receiving e-mail & SMS	Yes	Yes	Yes
Sends e-mail or SMS in case of event	Yes	Yes	Yes
Opens popup with camera images in case of event	Yes	Yes	Yes
Sounds alarm in case of an event	Yes	Yes	Yes
Sends an instantaneous message to operator in case of event	Yes	Yes	Yes
Positions PTZ cameras in case of event	No	Yes	Yes
Activates alarm outputs in case of event	No	Yes	Yes
Scheduled Events	No	Yes	Yes
PTZ lock by priority	No	Yes	Yes
Number of simultaneous cameras	32	64	unlimited
Supports Multi-Monitor	No	Yes	Yes
Supports live Detection of Movement	Yes	Yes	Yes
Support live digital zoom	No	Yes	Yes
Support for creation of new view formats for monitoring	No	Yes	Yes
Media profile changing	No	Yes	Yes
Sends report of functioning of the server	No	No	Yes
Has server monitoring by way of historical graphics	No	Yes	Yes
Has programming of image transmission	No	Yes	Yes
Has programming of image recording	Yes	Yes	Yes
Supports PTZ	Yes	Yes	Yes
Supports PTZ by "Click and Centralize"	Yes	Yes	Yes
Supports PTZ by joystick	No	Yes	Yes
Supports PTZ by visual joystick	Yes	Yes	Yes
Supports Presets	Yes (up to 16 presets per camera)	Yes (number of presets unlimited)	Yes (number of presets unlimited)
Supports recording by events	No	Yes	Yes
Supports buffer for pre/post alarm	Yes (Up to 5 seconds)	Yes (Up to 60 seconds)	Yes (Up to 60 seconds)
Supports filing of recordings	No	No	Yes
Has advanced look-up by detection of movement	32	64	unlimited
Has support for digital zoom during video reproduction	Yes (up to 2 screens)	Yes (up to 4 screens)	Yes
Supports de-interlacing of images	No	No	Yes
Reproduction of cameras simultaneously	4	9	unlimited
Has built-in web server	Yes	Yes	Yes
Web Server allows sending of static images	No	No	Yes

Architecture



Server : Keeps configurations settings, relays video streams and runs as Windows Service.



Surveillance Client : for Live view & Playback function

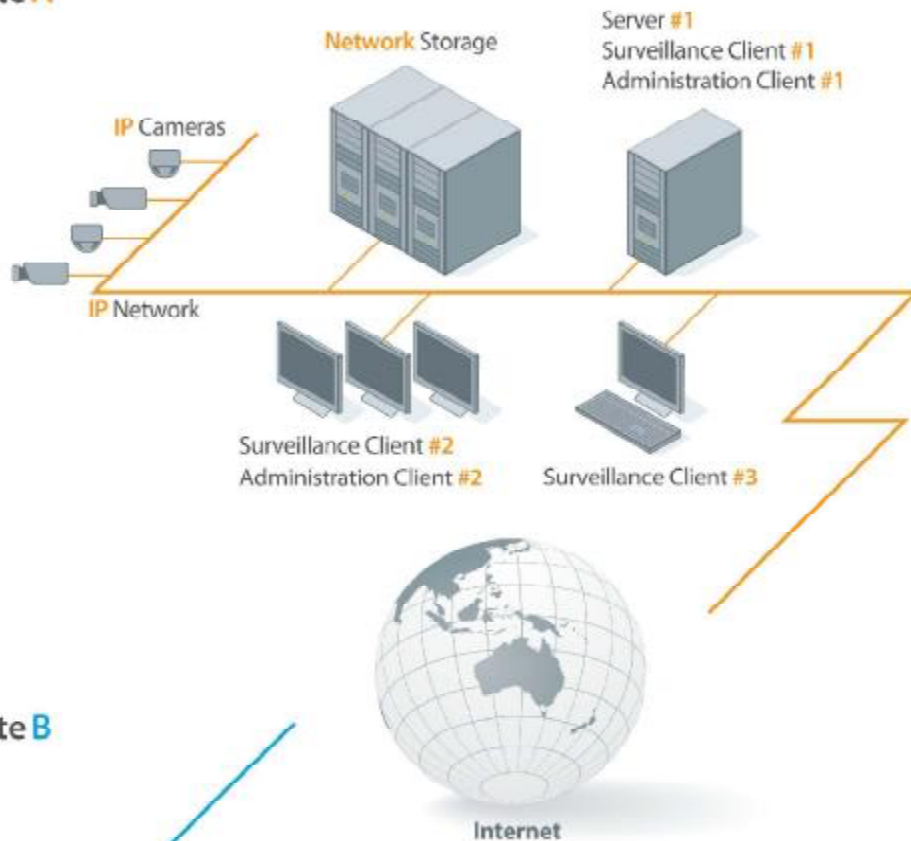


Administration Client : for Configuration and Setting

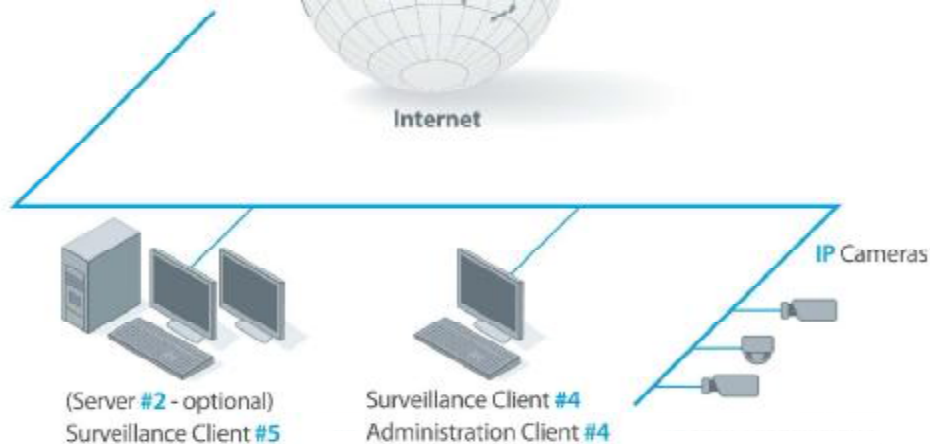


Language Selector : This feature is customisable, and there are two(2) languages available. Progress is being made constantly to add more languages

Site A



Site B



For detail inquiries, please contact :

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