

# SOFTWARE DIGIFORT



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## The World's Best & Innovative IP Software Technology

**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, authorized users, even 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 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 analyze 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 analyze 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

## FUNCTIONALITY

The Software is base on client/server architecture.

Digifort supplies system usage and server performance report. \* Critical information like the bandwidth usage per camera or global or 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 video compression standards and 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 support all standards for maximum flexibility & integration possibilities .



### Security

Account Expiry, LoginTimes, 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 measure taken , Digifort can pop up acknowledge 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 Analytics

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\*.

## UNIQUE PERSONALITIES

The very first thing you will notice with Digifort software is the ergonomically designed graphic interface designed for the most novice

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## 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.

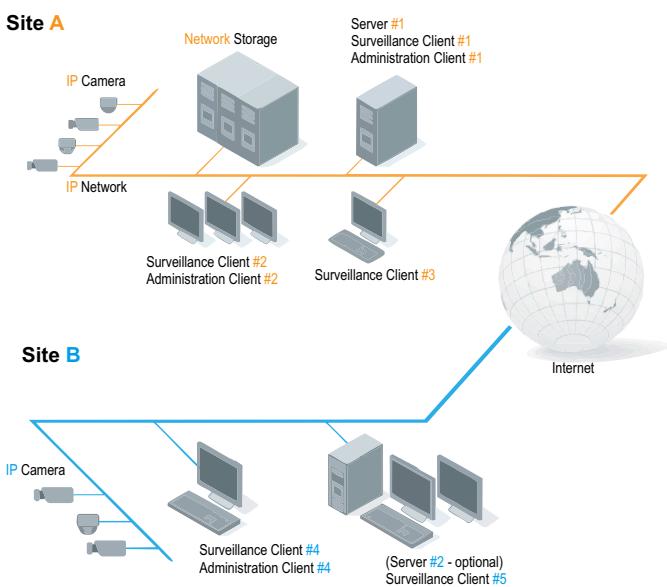
Multiple digital zoom of one or many different parts of the screen during playback simultaneously.

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-interlacing of analogue cameras.

## 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.



## 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
- Username & Password + BioPASS
- BioPASS Only
- 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.



## 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.

## 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

■ For detail inquiries, please contact :



**PT. Professtama Tehnik Cemerlang**

Kompleks Golden Ville Blok 88 D1, Jl. Daan Mogot Dua,

Kepa Duri, Jakarta - 11510

Phone : +62-21-98563018, +62-21-5671935, +62-21-5641142

Fax : +62-21-5671938

Email : andrew.yanuar@professtama.com, info@professtama.com

Website: www.professtama.com

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