

# FEATURE MATRIX

## VMS SOLUTIONS



# DIGIFORT products

are carefully designed to offer the highest quality video monitoring and management software, exceeding market standards and expectations, while providing tailor-made features for a wide range of applications. Today it has more than 240 manufacturers worldwide and over 6500 models of devices integrated to the system, complete alarm system and automation, reading automobile license plate, intelligent module of image analysis, integration with any access control system, biometrics, CRM, ERP, city management software, among others.

Digifort has created the Digifort Mobile Client, an application developed in java platform for mobile devices like tablets and smartphones (Android and IOs) that allows the visualization and playback of the images of IP cameras and encoders, ideal solution for companies and Homes, where at any time the user can view and control cameras, PTZ, activate presets or trigger events from any location, via Digifort Server, being a complement, not an additional module, not requiring the use of a license, Already available from version 7.



## DGF EXPLORER

Used in small condominiums, offices, residences, small shops and small businesses in general. A reliable solution with essential features, having as main characteristics the recording and monitoring of images of IP and / or analog cameras connected through DVRs, NVRs or Video Encoders.



## DGF STANDARD

Recommended for customers who need an application for up to 32 cameras at an affordable cost and with some more advanced features such as Integrated Web Server, with this edition you can control your PTZ cameras through the mouse, providing the operator with just the click on the Control your features.



## DGF PROFESSIONAL

For the medium and large client that needs features such as PTZ by joystick, synoptic map, up to 16 unique user profiles and unlimited connections, web server, camera view through the cell phone, integration with optional Digifort modules, Digifort Professional account also with integration Of the Alarm and Automation modules and Digifort Evidence, giving the customer the complete monitoring, alarm and automation solution.



## DGF ENTERPRISE

Recommended for medium and large users I need a system with unlimited tools and functionality, alarm solutions, access control and automation. In addition to the features available in other versions of the software, this edition has the possibility of integration of alarm and automation modules, unlimited number of cameras, IP filters and server status reports.



# System Resources Comparison

## Architecture and Security

Resources	Explorer	Standard	Professional	Enterprise
<b>System Architecture</b>	Client/Server	Client/Server	Client/Server	Client/Server
<b>Number of cameras</b>	4 to 16 (By License Packs)	4 to 32 (By License Packs)	8 to 64 (By License Packs)	8 to Unlimited (By Packs)
<b>Supports expansion of cameras via packs (Packs)</b>	Yes (Up to 16)	Yes (Up to 32)	Yes (Up to 64)	Yes (Unlimited)
<b>Speed of recording and live monitoring</b>	Up to 60 FPS per camera			
<b>Works with IP Cameras and Video Servers</b>	Yes	Yes	Yes	Yes
<b>Works with alarm boards</b>	No	Yes	Yes	Yes
<b>Number of supported Alarm Boards</b>	0	1 (By License Packs)	1 a 6 (By License Packs)	1 to Unlimited (By License Packs)
<b>Allows simultaneous operations (Multi-tasking)</b>	Yes	Yes	Yes	Yes
<b>Supports Remote access to server</b>	Yes	Yes	Yes	Yes
<b>Supports multi-processor (optimizes tasks dividing the processing among the processors)</b>	Yes	Yes	Yes	Yes
<b>Has IP Filters</b>	No	Yes	Yes	Yes
<b>Has server activity log</b>	Yes	Yes	Yes	Yes
<b>Has events log</b>	Yes	Yes	Yes	Yes
<b>Supports DNS</b>	Yes	Yes	Yes	Yes
<b>Platform</b>	Windows 7 / 8 / 10, 32 & 64 Bits	Windows 7 / 8 / 10, 32 & 64 Bits	Windows 7 / 8 / 10, 32 & 64 Bits	Windows 7 / 8 / 10, 32 & 64 Bits
<b>Has complete users rights system</b>	Yes	Yes	Yes	Yes
<b>Full control on Surveillance Client Features for each operator</b>	Yes	Yes	Yes	Yes
<b>Limit of connections to server</b>	Unlimited	Unlimited	Unlimited	Unlimited
<b>Supported Image Resolution</b>	Any resolution (depends on the camera)			
<b>Privacy mask</b>	Yes	Yes	Yes	Yes
<b>Permits viewing video by timeline</b>	Yes	Yes	Yes	Yes
<b>Has control for filters and effects on the image</b>	No	No	Yes	Yes
<b>Has user profile for live surveillance</b>	Yes	Yes	Yes	Yes
<b>Supports Multi-Users</b>	Yes (Up to 4 different users)	Yes (Up to 8 different users)	Yes (Up to 16 different users)	Yes (Unlimited)
<b>Integration with Digifort Evidence</b>	No	No	Yes	Yes
<b>Integration with Active Directory domain</b>	No	No	Yes	Yes
<b>Has Master / Slave Architecture</b>	No	No	Yes	Yes
<b>Enables Biometric Authentication by Digifort - BioPass</b>	No	Yes	Yes	Yes
<b>It features a privacy mode resource.</b>	No	Yes	Yes	Yes



<b>It features an identification of ownership resource.</b>	No	Yes	Yes	Yes
<b>It allows audit records to be exported.</b>	No	Yes	Yes	Yes
<b>Server Platform</b>	Microsoft Windows Server 2008 R2 / 2012 / 2016 / 2019, 32 & 64bits	Microsoft Windows Server 2008 R2 / 2012 / 2016 / 2019, 32 & 64bits	Microsoft Windows Server 2008 R2 / 2012 / 2016 / 2019, 32 & 64bits	Microsoft Windows Server 2008 R2 / 2012 / 2016 / 2019, 32 & 64bits
<b>Multi Streaming Cameras Support</b>	Yes	Yes	Yes	Yes
<b>Compatible with Unicode characters</b>	No	No	Yes	Yes
<b>Automatic update of changes carried out in the system</b>	Yes	Yes	Yes	Yes
<b>Compatible with Onvif version 1.02 or higher and Onvif Profile-S</b>	Yes	Yes	Yes	Yes
<b>It supports TCP and UDP (Unicast and Multicast) protocols.</b>	Yes	Yes	Yes	Yes
<b>It enables the distribution of videos through multicast on demand</b>	Yes	Yes	Yes	Yes
<b>It enables sending e-mails via SMTP with SSL authentication</b>	Yes	Yes	Yes	Yes
<b>It features an automatic services manager</b>	Yes	Yes	Yes	Yes
<b>It supports bidirectional and unidirectional audio.</b>	Yes	Yes	Yes	Yes
<b>It features complete support for the dewarping of panamorphic lenses</b>	Yes	Yes	Yes	Yes
<b>It features a RTSP integrated media server</b>	Yes	Yes	Yes	Yes
<b>It features a Database management module.</b>	Yes	Yes	Yes	Yes
<b>It enables the control of the login schedule and system use by the users</b>	No	Yes	Yes	Yes
<b>It features a full resource for bookmarking for full event scheduling</b>	No	No	Yes	Yes
<b>It enables edge recording.</b>	No	No	No	Yes
<b>Stored passwords with encryption</b>	Yes	Yes	Yes	Yes
<b>It supports notification via HTTP</b>	No	Yes	Yes	Yes
<b>It features support for HTTPS and SSL.</b>	Yes	Yes	Yes	Yes
<b>It enables the integration with any system in the market</b>	Yes	Yes	Yes	Yes



## Video Recording

Resources	Explorer	Standard	Professional	Enterprise
Supports recording by movement detection	Yes	Yes	Yes	Yes
Recording by movement allows definition of various areas sensitive to movement	Yes	Yes	Yes	Yes
Supports recording by events	No	Yes	Yes	Yes
Supports buffer for pre/post alarm	Yes (Up to 5 seconds)	Yes (Up to 10 seconds)	Yes (Up to 60 seconds)	Yes (Up to 60 seconds)
Has system of digital certificate	Yes	Yes	Yes	Yes
Supports filing of recordings	No	No	No	Yes
High-performance Database	Yes	Yes	Yes	Yes
Has automatic disk management system	Yes	Yes	Yes	Yes
Assignment of Hard Disk limits for the automatic disk management system	Yes	Yes	Yes	Yes
Allows image recording in file servers (by network)	Yes	Yes	Yes	Yes
Limit or recordings per day	No limit	No limit	No limit	No limit
Tool for testing the motion detection feature	Yes	Yes	Yes	Yes
It enables selecting unlimited areas sensitive to motion	Yes	Yes	Yes	Yes
It enables Failover and Failback configuration	Yes	Yes	Yes	Yes
It enables increasing the frame rate whenever motion is detected on the images	No	No	Yes	Yes
It works with recordings in the JPEG, MPEG4, H.263, H.264 and H.265 compressions.	Yes	Yes	Yes	Yes
It features reports with originality codes.	No	No	No	Yes
It enables the capture, recording, and playback of computer screens	Yes	Yes	Yes	Yes
It enables audio recording on the formats: PCM, G.711, G.726 and AAC.	Yes	Yes	Yes	Yes
It enables recording of images generated by 360 degreepanamorphic lenses.	Yes	Yes	Yes	Yes

## Live Monitoring

Resources	Explorer	Standard	Professional	Enterprise
Number of cameras simultaneously	16	32	64	Unlimited
Supports creation of different camera positions	Yes	Yes	Yes	Yes
Has automatic view dimensioning	No	Yes	Yes	Yes
Supports Multi-Monitor	Yes (Two)	Yes (Two)	Yes (Four)	Yes (Eight)
Allows live visualization of images of various servers on the same screen	Yes	Yes	Yes	Yes
Has control for filters and effects on the image	No	No	Yes	Yes
Has Image Relay Feature	Yes	Yes	Yes	Yes
Supports live Motion Detection	Yes	Yes	Yes	Yes
Has a tool for camera short-cut	Yes	Yes	Yes	Yes
Has screenshot tool	No	Yes	Yes	Yes



<b>View styles for live monitoring</b>	7 Native	7 Native with support for creation of 2 new	7 Native with support for creation	7 Native with support for creation
<b>Has view for image sequencing</b>	No	Yes	Yes	Yes
<b>Supports bilinear resizing</b>	Yes	Yes	Yes	Yes
<b>Allows the execution of emergency local recording in Surveillance Client</b>	No	Yes	Yes	Yes
<b>Media profile changing</b>	No	Yes	Yes	Yes
<b>PTZ lock by priority</b>	No	No	Yes	Yes
<b>Virtual Keyboard Tool</b>	Yes	Yes	Yes	Yes
<b>Enables the creation of presets in the Surveillance Client</b>	No	Yes	Yes	Yes
<b>Enables automatic updating of Surveillance Client</b>	Yes	Yes	Yes	Yes
<b>Virtual Matrix</b>	No	Yes, up to 1 monitor	Yes	Yes
<b>Has support to Virtual PTZ in live view</b>	Yes	Yes	Yes	Yes
<b>Allows creation of synoptic map</b>	No	Yes (up to 2 screens)	Yes (10 maps)	Yes
<b>It features a public view resource.</b>	No	No	Yes	Yes
<b>It features a limit for simultaneous camera access.</b>	No	Yes	Yes	Yes
<b>It features an object filter on the surveillance client.</b>	No	Yes	Yes	Yes
<b>Dynamic Update of Views on the surveillance client.</b>	Yes	Yes	Yes	Yes
<b>Customization of objects in the surveillance client.</b>	Yes	Yes	Yes	Yes
<b>It enables the remote operation of those computers captured on the network.</b>	Yes	Yes	Yes	Yes
<b>It enables increasing the frame rate of a given surveillance camera, whenever it is selected</b>	No	Yes	Yes	Yes
<b>It enables viewing information on camera status on the surveillance client</b>	Yes	Yes	Yes	Yes
<b>It enables to limit simultaneous access to cameras.</b>	No	No	Yes	Yes
<b>It enables the user to configure the display mode of the names and objects</b>	Yes	Yes	Yes	Yes
<b>It enables live and sectorized audio surveillance.</b>	Yes	Yes	Yes	Yes
<b>It enables the surveillance of images generated by panamorphic lenses.</b>	Yes	Yes	Yes	Yes
<b>It allows to create maps with objects from multiple servers.</b>	No	Yes	Yes	Yes
<b>It allows to import static images of maps from Google Maps</b>	No	Yes	Yes	Yes
<b>It has a self-populate and self-adjust option in the synoptic maps</b>	No	Yes	Yes	Yes
<b>It allows automatic pop up closing</b>	Yes	Yes	Yes	Yes
<b>It features a limit for simultaneous alarm windows</b>	No	Yes	Yes	Yes
<b>It features automatic repositioning of alarm windows on monitors</b>	Yes	Yes	Yes	Yes
<b>It features a configurable video Buffer for fixed and PTZ cameras</b>	Yes	Yes	Yes	Yes
<b>It supports resolutions greater than 96DPI</b>	Yes	Yes	Yes	Yes



## Video reproduction, export and look-Up

Resources	Explorer	Standard	Professional	Enterprise
Reproduces video by date and time range	Yes	Yes	Yes	Yes
Video Export Formats	DigiFort (Occurrence CD), .avi	DigiFort (Occurrence CD), .avi	DigiFort (Occurrence CD), .avi	DigiFort (Occurrence CD), .avi
Allows saving an image during video reproduction	Yes	Yes	Yes	Yes
Reproduces video by fixed time range	Yes	Yes	Yes	Yes
Advanced search by motion detection	No	Yes	Yes	Yes
Has support for digital zoom during video reproduction	Yes	Yes	Yes	Yes
Supports deinterlacing of images	No	No	No	Yes
Allows printing of an image during reproduction of the video with event description	No	Yes	Yes	Yes
Reproduction of cameras simultaneously	16	32	64	Unlimited
Exports of cameras simultaneously	Yes	Yes	Yes	Yes
Allows media playback on surveillance client	Yes	Yes	Yes	Yes
It allows a text watermark to be added to exported images.	No	Yes	Yes	Yes
Multi-thread processing for video playback	No	Yes	Yes	Yes
It enables the selection of a default monitor to open the Media Player.	Yes	Yes	Yes	Yes
It enables the retrieval of recorded images by using a date and time range	Yes	Yes	Yes	Yes
Simultaneous video playback on the surveillance client	16	32	64	Unlimited
It features a recorded image timeline	Yes	Yes	Yes	Yes
It enables to zoom different areas of the screen	Yes	Yes	Yes	Yes
It enables instant playback of videos from events.	No	Yes	Yes	Yes
It enables to limit video playback and export	Yes	Yes	Yes	Yes
It enables to add a watermark per user for identification of image ownership.	No	Yes	Yes	Yes
It enables video playback acceleration	Yes	Yes	Yes	Yes
It enables image resizing in the video player	Yes	Yes	Yes	Yes
It enables synchronized video and audio playback.	Yes	Yes	Yes	Yes
It enables the playback of images recorded through 360 degreepanamorphic lenses.	Yes	Yes	Yes	Yes
It enables the choice of playback range of the recorded video	Yes	Yes	Yes	Yes
It enables to resize the video during export to AVI	Yes	Yes	Yes	Yes
It enables to advance and rewind the video	Yes	Yes	Yes	Yes
It enables to fast forward and rewind the video to the next bookmark.	No	No	Yes	Yes



<b>It enables to search, by the code of originality, an image generated in a report.</b>	No	No	No	Yes
<b>It features audited media export</b>	Yes	Yes	Yes	Yes
<b>It enables the playback of events</b>	No	Yes	Yes	Yes
<b>It features quick playback on alarm windows</b>	No	Yes	Yes	Yes
<b>It allows password-protected video export</b>	Yes	Yes	Yes	Yes
<b>It allows printing images with the zoom feature applied</b>	Yes	Yes	Yes	Yes
<b>It allows image printing from multiple cameras</b>	Yes	Yes	Yes	Yes
<b>It features a quick snapshot option for cameras</b>	Yes	Yes	Yes	Yes
<b>It features accelerated motion search</b>	No	Yes	Yes	Yes

## Support for PTZ

<b>Resources</b>	<b>Explorer</b>	<b>Standard</b>	<b>Professional</b>	<b>Enterprise</b>
<b>Supports PTZ</b>	Yes	Yes	Yes	Yes
<b>Supports PTZ by "Click and Centralize"</b>	No	Yes	Yes	Yes
<b>Supports PTZ by joystick</b>	No	Yes	Yes	Yes
<b>Supports PTZ by visual joystick</b>	No	Yes	Yes	Yes
<b>Advanced settings for joystick</b>	No	Yes	Yes	Yes
<b>Surveillance PTZ analog cameras support patterns</b>	No	Yes	Yes	Yes
<b>It has control over the OSD (On Screen Display) for analog cameras</b>	No	Yes	Yes	Yes
<b>PTZ surveillance supports analogical camera patterns</b>	No	Yes	Yes	Yes
<b>Supports PTZ Patrol</b>	No	Yes	Yes	Yes
<b>Supports Presets</b>	No	Yes (Up to 16 presets for camera)	Yes (number of presets unlimited)	Yes (number of presets unlimited)
<b>Supports advanced PTZ</b>	No	Yes	Yes	Yes
<b>Supports Digital PTZ</b>	Yes	Yes	Yes	Yes
<b>It enables the scheduling or manual activation of PTZ Patrol</b>	No	Yes	Yes	Yes
<b>It enables to activate PTZ surveillance manually or on a schedule</b>	No	Yes	Yes	Yes
<b>It features Virtual PTZ for fixed and mobile cameras.</b>	No	Yes	Yes	Yes
<b>It enables viewing the record of the last user who moved the camera using PTZ.</b>	Yes	Yes	Yes	Yes
<b>It automatically enables and disables privacy mode when using PTZ</b>	No	No	Yes	Yes
<b>It automatically enables and disables privacy mode when using PTZ Surveillance</b>	No	No	Yes	Yes



## Events Support

Resources	Explorer	Standard	Professional	Enterprise
Supports alarm input and output	No	Yes	Yes	Yes
Triggers an event upon Motion Detection	No	Yes	Yes	Yes
Generates an event upon recording failure	Yes	Yes	Yes	Yes
Generates an event if a camera is out of order	Yes	Yes	Yes	Yes
Has manual events	No	No	Yes	Yes
Has timer events	No	No	Yes	Yes
Supports the creation of multiple contact groups for receiving e-mail and SMS	Yes	Yes	Yes	Yes
Sends e-mail or SMS in case of event	Yes	Yes	Yes	Yes
Opens popup with camera images in case of event	No	Yes	Yes	Yes
Sounds alarm in case of an event	Yes	Yes	Yes	Yes
Sends an instant message to operator in case of event	Yes	Yes	Yes	Yes
Call specific PTZ presets in case of events	No	Yes	Yes	Yes
Activates alarm outputs in case of event	No	Yes	Yes	Yes
Scheduled Events	No	No	Yes	Yes
It allows Event reports to be exported.	No	Yes	Yes	Yes
Supports Global Events	No	Yes (Up to 4 events)	Yes (Up to 24 events)	Yes (Unlimited)
Audio level detection	No	Yes	Yes	Yes
Complete system of alarms and events	No	Yes	Yes	Yes
It enables Event scheduling	No	Yes	Yes	Yes
It enables the triggering of a camera alarm to start recording and/or image transmission	No	Yes	Yes	Yes
It features directed alarm events	No	Yes	Yes	Yes
It enables motion detection processed directly by the cameras	No	Yes	Yes	Yes
Event notifications through HTTP calls	No	Yes	Yes	Yes
Alternative video profile for motion detection on the server.	No	Yes	Yes	Yes
It enables searching the events database	No	Yes	Yes	Yes
It enables to attach an image from any camera to be sent via e-mail in the detection of an event	No	Yes	Yes	Yes
Video playback within the alarm pop up.	Yes	Yes	Yes	Yes
It allows real-time viewing of Global and Manual events status.	No	Yes	Yes	Yes
It features connection restore	Yes	Yes	Yes	Yes

## Programming

Resources	Explorer	Standard	Professional	Enterprise
Has programming of image recording	No	Yes	Yes	Yes
Has programming of recognition of external events	No	No	Yes	Yes
Has programming of alarm actions	No	Yes	Yes	Yes



## Management

Resources	Explorer	Standard	Professional	Enterprise
Sends report of functioning of the server	No	No	Yes	Yes
Allows applying configurations to a set of cameras simultaneously	Yes	Yes	Yes	Yes
Has server monitoring through graphics	Yes	Yes	Yes	Yes
Has calculator for storage sizing	Yes	Yes	Yes	Yes
User groups	Yes	Yes	Yes	Yes
Allows the location of the cameras and automatic registration through UPnP	Yes	Yes	Yes	Yes
Dynamic real time configuration				
All settings made are saved at the time of its configuration and replicated to all cameras affected in this configuration without restarting the system.	Yes	Yes	Yes	Yes
It enables the automatic location of cameras that use the ONVIF protocol.	Yes	Yes	Yes	Yes
It features manual or automatic system configuration Backup.	Yes	Yes	Yes	Yes
Automatic location of recording servers on the local network	Yes	Yes	Yes	Yes
It features an audit system for user actions and server connections	Yes	Yes	Yes	Yes
Information of camera disconnection	Yes	Yes	Yes	Yes
Simultaneous user access limit	No	Yes	Yes	Yes
Export format for reports and graphs	No	Yes	Yes	Yes
It enables the logo on reports to be changed	No	Yes	Yes	Yes
It enables, upon registering cameras, the selection of columns for improved object identification	Yes	Yes	Yes	Yes
It enables to import any object from other Digifort servers	Yes	Yes	Yes	Yes
It enables to export the registry screens from objects from the system's administration client	Yes	Yes	Yes	Yes
It blocks access to the system after x invalid attempts	Yes	Yes	Yes	Yes
It displays the name of the operator who is connected to the surveillance client	Yes	Yes	Yes	Yes
It enables the configuration of the audio buffer	Yes	Yes	Yes	Yes
Permite o corte de imagens (CROP)	No	Yes	Yes	Yes
It enables the authorized user to receive all controls for system operation via web	Yes	Yes	Yes	Yes
It features a device failure report	Yes	Yes	Yes	Yes
It allows the requisition of multiple Event reports	No	Yes	Yes	Yes
It features a summary with server disk usage graphs	Yes	Yes	Yes	Yes
It allows to specify camera coordinates (latitude/longitude)	Yes	Yes	Yes	Yes
It allows searches by keyword in audits	No	Yes	Yes	Yes
It features a tools for ping testing devices	No	Yes	Yes	Yes

## Web Server

Resources	Explorer	Standard	Professional	Enterprise
Has built-in web server	Yes	Yes	Yes	Yes
It enables the configuration of a standard directory for media and photo export in the surveillance	Yes	Yes	Yes	Yes



## Video Analytics

Resources	Explorer	Standard	Professional	Enterprise
Supports video analytics features	No	Yes (By License Packs)	Yes (By License Packs)	Yes (By License Packs)
Native support for bundled analytics on cameras.	No	Yes	Yes	Yes
It supports video analytics embedded in cameras via HTTP notification	No	Yes	Yes	Yes

## License Plate Recognition – LPR

Resources	Explorer	Standard	Professional	Enterprise
Supports Vehicle Licence Plate Recognition Module (LPR)	No	Yes	Yes	Yes
It features an Edge licensing system for LPR	No	Yes (through licensing)	Yes (through licensing)	Yes (through licensing)
It features alarm action for unregistered license plates	No	Yes	Yes	Yes

## Mobile Device Support

Resources	Explorer	Standard	Professional	Enterprise
It enables viewing images via cell phone or from any compatible mobile device	Yes	Yes	Yes	Yes
It enables connections to multiple servers.	Yes	Yes	Yes	Yes
It enables viewing cameras individually.	Yes	Yes	Yes	Yes
It enables saving a Screenshot (photo) of the image on the mobile device.	Yes	Yes	Yes	Yes
It enables viewing the image in full screen or in mosaics.	Yes	Yes	Yes	Yes
It enables PTZ control.	Yes	Yes	Yes	Yes
It enables the use of camera presets	Yes	Yes	Yes	Yes
It enables display configuration by Resolution, Image Quality and Frames per Second (FPS).	Yes	Yes	Yes	Yes
It displays the status of Used Bandwidth in KBytes.	Yes	Yes	Yes	Yes
It enables the activation of alarms (Turn on Lamps, Trigger a siren, Ppen and Close gates, etc.)	Yes	Yes	Yes	Yes
It enables the use of your cell phone camera, integrated to the system	Yes	Yes	Yes	Yes
It manages media profile exclusively for mobile devices	Yes	Yes	Yes	Yes
It enables operation via virtual matrix	No	Yes, up to 1 monitor	Yes	Yes

