



DIGIFORT Smart Connect

WatchNET ACS



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Digifort SMART Connect



Introduction

Digifort Smart Connect is the gateway between third-party systems and Digifort VMS. It provides the integration between various physical security systems like Access control systems, Intrusion detection systems, etc., and Digifort VMS, enabling bi-directional communication between these systems.

With Smart Connect, Digifort VMS can receive events from third-party systems and trigger actions in these systems from a single user interface.

Smart Connect presents a unified platform to integrate sub-systems into the Digifort VMS, and multiple subsystems can be managed in a single gateway at the same time. It is easy to learn and very quick to configure, and yet very powerful. Once configured, it just runs in the background.

Digifort VMS is never tied to a single product line or a single technology partner but rather brings all the different products and cutting-edge technologies into a single interface to best manage security incidents.

Various 3rd Party Systems supported by Smart Connect,

- Access Control System
- Alarm/Intrusion Systems
- Key management system

WatchNET ACS

Digifort Smart Connect provides bi-directional integration with the WatchNET ACS System. With the duplex communication, operators can receive events from WatchNET ACS and can trigger actions like lock and unlock in all WatchNET ACS compatible devices from Digifort surveillance client. Also, with automatic bookmarks, operators can search and visually review the WatchNET ACS events from the Digifort client.

The following section provides a step-by-step guide to configure Smart Connect for WatchNET ACS integration with the Digifort VMS.



Smart Connect Configuration

Login to Smart Connect

localhost:3003
admin
••••••
Login

On successful login, you will be presented with the main application window



License Management

If this is a new system, you will need to configure the licenses. Navigate to the Licenses section and click Add button to add a new license key.

ě Add New Lic	ense	×
Machine Code	2d3vevanECgyJpSGWpKIFg==	Сору
Кеу		Activate

On successful license activation, you can check the number of third-party devices that are allowed to be imported into the Smart Connect platform.

Digifort Smart Connect					
Digifort Smart Connect	Licenses				
Servers	License Type	License Status	Total Devices	Demo License?	Remaining Demo Days
	Door/Reader	Valid License	64		0
Watchnet ACS	10	Valid License	320		0
Events and Actions Events and Action Links Licenses					



Add Digifort Server (VMS Server)

Right-click on the Digifort section under Servers and select Add Server. Enter the Digifort server de	etails and
click Save.	

실 Add/Update Digifor	_		\times	
Name	VMS Server1			
Description				
Address	192.168.0.100			
Port	8601			
User Id	admin			
Password				
		-	-	-

Add WatchNET ACS Server

Right-click on the WatchNET ACS section under Servers and select Add Server. Enter the WatchNET ACS server details and click Save.

Add/Update Wate	chnet ACS Server	8 <u>—</u> 8	×
Name	Watchnet ACS Server		
Description			
Address	localhost		
Web Service Port	7070		
Event Receiver Port	12201		
User Id	Administrator		
Password			
Bookmark Color	Yellow		~



Register Cameras

Right-click on the Digifort server and select Register Devices. Select cameras you need to associate with the WatchNET ACS objects and click Save.



<u>ه</u> ا	Regist	er Devices			_		×
				Search			
0.00		Name	Туре		Description		
	7	AxisCamera	Camera		Axis Camera		
	7	Camera001	Camera		Test camera (001	
	7	DemoCamera	Camera		Demo Camera	1	
	-	Main	Camera		Office Camera	1	
					1		
Se	lect/D	eselect All			Cancel	9	Save
			_				



Register WatchNET ACS Devices

Right-click on the WatchNET ACS server and select Register Devices. Select required WatchNET ACS devices and click Save.



۱	Regist	er Devices			_	-		×
			Sea	arch				
147.05		Name	Туре		Description			^
		WAC-8D8ETController(8 Doors	Controller		IP 192.168.1.3	6		
	-	Door 3	Door		WAC-8D8ETC	ontrolle	r(8 Doors	s
	-	Door 4	Door		WAC-8D8ETC	ontrolle	r(8 Doors	s
	-	Door 5	Door		WAC-8D8ETC	ontrolle	r(8 Doors	s
	-	Door 6	Door		WAC-8D8ETC	ontrolle	r(8 Doors	s
	-	Door 7	Door		WAC-8D8ETC	ontrolle	r(8 Doors	s
	-	Door 8	Door		WAC-8D8ETC	ontrolle	r(8 Doors	s
	•	Door 2-Lock	Output		WAC-8D8ETC	ontrolle	r(8 Doors	s
	٠	Door 3-Lock	Output		WAC-8D8ETC	ontrolle	r(8 Doors	s
	٠	Door 4-Lock	Output		WAC-8D8ETC	ontrolle	r(8 Doors	s
	•	Door 5-Lock	Output		WAC-8D8ETC	ontrolle	r(8 Doors	s
	•	Door 6-Lock	Output		WAC-8D8ETC	ontrolle	r(8 Doors	s
	•	Door 7-Lock	Output	WAC-8D8ETController(8 Doors				s
	•	Door 8-Lock	Output		WAC-8D8ETC	ontrolle	r(8 Doors	s
	•	Aux output 1	Output		WAC-8D8ETC	ontrolle	r(8 Doors	s
	•	Aux output 2	Output		WAC-8D8ETC	ontrolle	r(8 Doors	s
	0	Door 2-Sensor	Input		WAC-8D8ETC	ontrolle	r(8 Doors	s
	0	Door 3-Sensor	Input		WAC-8D8ETC	ontrolle	r(8 Doors	s
	0	Door 4-Sensor	Input		WAC-8D8ETC	ontrolle	r(8 Doors	s
	0	Door 5-Sensor	Input		WAC-8D8ETC	ontrolle	r(8 Doors	s
	0	Door 6-Sensor	Input		WAC-8D8ETC	ontrolle	r(8 Doors	s
Π		Door 7-Sensor	Input		WAC-8D8FTC	ontrolle	r(8 Doors	×
Se	ect/D	eselect All			Cancel		Save	



Camera Assignment

Camera assignment maps the Digifort cameras onto the WatchNET ACS devices. Navigate to the Camera Assignment section and drag-drop the cameras onto the WatchNET ACS devices. This forms the association between the cameras and WatchNET ACS devices.

Camera Assignment Camera Assign	n Plugin Servers Watchnet ACS Server Watchnet ACS Server Face Recognition Device(1) Face Recognition Device(1) Face Recognition Device(1)-Sensor

Digifort Smart Connect	Camera Assignment	
Camera Assignment Camera Assign	Digifot Servers Simply Drag & Drop	Plugin Servers Watchnet ACS Server Face Recognition Device(1) Face Recognition Device(1) Face Recognition Device(1) Face Recognition Device(1)-Sensor Face Recognition Device(1)-Sensor Demo Camera



Event Configuration

In this section, you can configure which events you need to monitor from each WatchNET ACS device. Digifort Smart Connect allows configuring events and associated actions at each device, providing finegrained flexibility. Also, you can select whether to trigger a global event or create a bookmark for events in this section.

Tips: Please create your desired action by creating global events in Digifort first.



Actions

The actions section allows configuring actions that will be triggered in Digifort in response to events from WatchNET ACS.

Digfort Smart Connect	Event Action Configuration Search Plugin Servers Watchnet Server Doors Door 1 Door 2	Even Selo	nt Action Conl ect Events to	figuration Notify Event Name				Sele	1
Digifort Smart Connect Servers Servers Servers Digifort Digifort Server Serve	Event Action Configuration Search Plugin Servers Watchnet Server Doors Door 1 Door 2	Eve Sel	ent Action Conf ect Events to	figuration Notify Event Name				Sele	
Watchnet ACS Watchnet Server	Pugin Servers Watchnet Server Doors Doors Door 1 Door 2	Sele Sele	ent Action Conf ect Events to	figuration Notify Event Name				Sele	
Watchnet Server	Poors Doors Door 1 Door 2	Sel	lect	Event Name				I >ele	- A 11
-	Door 1	Sel	lect	Event Name					
Camera Assignment	- Door 2			Reset					
				Clear All Data					
7 Device Action Links	📄 ···· 🛑 Outputs		\checkmark	Power Off					
P Licenses	Door 1-Lock			Power On					_ !
	Inputs			Data Destroyed	stroved				- !
	Door 1-Sensor		-	z					~
	Door 1-Exit button	Opt	tions						
	······ 🔵 Door 1-Button (Ctrl)		Trigger Global	Event		WatchNetEvent			\sim
	Door 1-Reader (Ctrl)		Create Bookm	ark					
		Acti	ions						
		Eve	ent Name	Camera		Manual Event			
	Choose	Res	et	~ 01	~	GARDiSDoorBarred ~	Add	Delete	,
	the	Sel	lect	Event Name	ActionName				
	the								
	Global								
	events								
	evenus								
	you have								
								Ap	pply

Global event triggered from WatchNET ACS device (Door unlocked event)



Bookmark Search

<u>te</u> 🛛							Manage filte
	Ctart date	End data				Becording D	
Door Locked	7/04/2021 4:04:57 PM	7/04/2021 4:05:07 PM	Location: Main Door	0007	admin	Recording Pi	
Door Unlocked	7/04/2021 4:05:02 PM	7/04/2021 4:05:12 PM	Location: Main Door	0007	admin		
Door Locked	7/04/2021 4:05:06 PM	7/04/2021 4:05:16 PM	Location: Main Door		admin		
Door Locked	7/04/2021 4:06:31 PM	7/04/2021 4:06:41 PM	Location: Main Door	0007	admin		
Door Unlocked	7/04/2021 4:07:00 PM	7/04/2021 4:07:10 PM	Location: Main Door	0007			
Search							Video
							Ciose

Event Playback using the bookmark



Smart Connect Action Links

Using Smart Connect Action Links, you can trigger actions in WatchNET ACS from the Digifort surveillance client using OBJECT LINKS.

Navigate to the Action Links section and select a device from the drop-down. Select an action and click Add. Once the action link is created, click the copy button to copy the action link URL to the clipboard. This URL can be embedded onto a camera view using Manual Event and Object Links in the Digifort.

Digifort Smart Connect	t Device Action Links	Event Action Co	nfiguratio	n				
Digifort Server	Watchnet ACS Server	Device		Action		Action Par	ameter	
📙 🛞 Watchnet ACS		Face Recognition	Device 🗸	Open / Close	~	Add	Delete	Сору
Watchnet ACS Server		Device	Action	Link	3			
Camera Assignment		Face Recognitio	Open / C	lose 91f68117	b4ac-ed1	1-a784-a4423	b263c56	
Events and Actions Device Action Links Licenses								

Create a manual event with HTTP action and use the copied URL

gifort	(All objects)	Event actions	11		
DigifortGlobal	Camera registration	Actions	Front ration (LITTO Desure)		
Status IPX Olos		Configure event actions	HTTP Request		
I/O Devices I/O Alerts and Events Event	ent	Available actions	Configure HTTP request		
Contacts	Manual Event	Send e-mail to a group of contacts Show objects to operator. The objects will be displayed in the object of the ob	Request type: © GET ○ POST		
Global Events Global Events Global Events Status Event N	sme	The same popular Show camera snapphots from the moment of the event on operator screen	URL: http://192.168.0.101:9999/smartconnect/actions/52105f3c-6797-eb11-bdb0		
Users Event D	escription	Play alarm sound in surveillance clent Send an instant message to the operator	User:		
Maps Configur	e the actions to execute on event: Configure Actions	Request operator admoviledge	Data:		
* • • • • • • • • • • • • • • • • • • •		Call presets from cameras			
- A License Plate Recognition	Manual events Device events	Activate output action scripts			
Server Information	Privacy Privacy mask	Create a bookmark	Test HTTP command test will be performed locally (Through the Administration		
RTSP Server	Advanced Object links	The events that are forwarded to users of Surveilance Client can be targeted to specific users or user groups, click which users will receive the notifications. If no users are selected, the notifications are sent to all connected users.	Cuent) Ion1 Test		
System log	Device settings Operational Mans	Configure receivers	OK Cancel		
Events log					
		■ 0032 Edge VCA ■ 99999 99999			



Create an Object link on the camera using the manual event created in the previous step.

Use the object link to perform the action in WatchNET ACS.



VMS+

Next-Generation VMS

Digifort VMS allows the real-time visualization of the status of Events. With this, when an associated event is triggered, the assigned map icon of the alarm will be animated in the Surveillance Client or trigger a global event notifying the operator about the event.

Digifort VMS offers overall control, visualization, and enterprise features in a very simple and intuitive way. It helps to improve the operator's efficiency when monitoring and to handle real-time events and changes in the status of security systems which can be overwhelming when managing many new capabilities and use cases of many 3rd party systems.

Bookmarks

The bookmark feature is fully supported in Digifort VMS. Each bookmark is stored per camera on the individual sites.

Digifort allows creating bookmarks for any event within Digifort or from other 3rd party systems integrated with Digifort automatically.

With these new options, the system can create a bookmark whenever a given event occurs, easily identifying them in the recordings by:

- o Color
- o Title
- o Initial and final date and observations





Protection against deleting recordings

For enhanced protection, the recording lock system, instead of preventing a recording file from being erased from the main disk, will copy the protected files to another secure folder (which may be on another disk drive) configured in the "Recordings" tab in the system options in the Administration Client.



Digifort's innovative Object Links function provides a revolutionary new way to navigate between the system's cameras, facilitating and speeding up the system's operation.

Object links allow you to create virtual connections between 3rd party systems and Digifort, creating a bidirection action-reaction.

The image below shows an example of using object links. Each camera on display has a link to other cameras in the image. By clicking on the link (represented here by semi-transparent arrows), the associated camera will be loaded, allowing quick navigation between cameras, for example, when following a person who is moving between the cameras.

It is also possible to associate events (And several other types of objects) in the images, such as Global Events that can be used to trigger I/O outputs to open doors and gates. In the picture below, cameras 01 and 03 have buttons to open the gates physically.

Performance and Manageability

The flexibility and openness of Digifort architecture and integration with other security systems make it easy to adapt to any customer requirement. While it can seem daunting when seeing all the tasks the product can perform, Digifort's configuration and operations are intuitive and designed to be adapted to show what the operator precisely needs to see and do.

Fault Tolerance

Digifort is designed to withstand multiple failures in the system. It provides for an extremely rugged system in terms of uptime.





Global Network

Australia, New Zealand & Pacific Islands

Sydney, Australia

Digifort Pty Ltd. 100 Harris St Pyrmont, NSW 2009 Australia +61 2 7229 5856 info@digifort.com

Asia & South East Asia

Hong Kong Flat H, 2/F, Highwin Factory Building 47 Hoi Yuen Road, Kwun Tong, Kowloon, Hong Kong +852 3188 0518 a.support@digifort.com

Bangkok, Thailand +6689 924 9564 nutthapong@digifort.com

Bangalore, India

No. 100/16, G Street Lakshmamma Layout Ulsoor Bangalore 560008 – India +91 99 45355700 i.support@digifort.com

Malaysia and Singapore +60 12 208 9521 hslim@digifort.com

South America

Sao Paulo, Brazil Rua Teffè, 334, – Santa Maria São Caetano do Sul – SP, Brazil +55 11 4226 2386 contato@digifort.com.br

Buenos Aires, Argentina

Uruguay 1112. Piso 4, Ciudad Autónoma de Bs. As., Argentina +54 11 5031 0492 operaciones@digifort.com

Colombia, Cali

(+57) 3174208169 (+57) 3162787428 info.colombia@digifort.com

North America

Boca Raton, USA 23123 State Road 7, Suite 304 Boca Raton, FL 33428 +1 786 332 5525 sales.usa@digifort.com

Las Vegas, USA +1 702 445 3476 sales.usa@digifort.com

Ciudad de Mexico, Mexico

Rio Duero 29, Col. Cuauhtémoc 06500, Ciudad de México, México +52 55 34 45 56 contacto.mexico@digifort.com

Europe

Europe Region +44 7593 661888 uk.support@digifort.com

UK & Northern Ireland +44 7837 353 937 nick.bowden@digifort.com

Paris, France +33 6 07 46 49 61 p.ollier@digifort.com

UAE, ME & GCC

Dubai, UAE Churchill Tower Office# 4106, Business Bay. Dubai, United Arab Emirates +971 52 844 9429 e.sales@digifort.com

Connect With Us

Digifort Global
 Digifort BR
 Digifort Global
 Digifort Latam
 Digifort Global
 Digifort Global
 Digifort Global
 www.digifort.com