

**TECHNICAL ANNOUNCEMENT** October 2022

**SUBJECT** NVR v1.4.7 Experience the improved Ossia NVR

Ossia NVR v1.4.7: LIST OF IMPROVEMENTS

#### 1) BURGLAR ALARM LINKAGE

From now on, your **CCTV** and **Alarm systems** are connected! Use your burglar **alarm system** to start/stop all NVR triggers automatically. Control triggers (such as recording, **push notifications**, sirens Etc.) with the **arm/disarm** function on any burglar system.

叁 Events and Analyti	CS	Live display	Camera	Record	Events and Analytics	Disk	Network	Accounts and Permissions	System	×		
Event notification	Burglar Alarm Linkage											
Alarm out   E-mail   Display Buzzer   Push Message	Burglar Alarm											
Audio   Light   Alarm Server	🗹 Enable											
Analytics Perimeter Monitoring	System Arming will be	active and valid wi	hen the Burglar	r alarm is arm	ed. Please make sure the se	lected senso	r is under 24X7	schedule and enabled				
Face Recognition   LPR Others	Input Sensor	Sensor1	~									
∃ Database	Remote client											
Face Database Vehicle Database	Remote access to the	system arming fea	tures will be bl	ocked for all	users unless the remote clier	nt is checked						
General Event	Arming Settings											
Motion   Sensor Combined Alert   IPC Offline	Status:	Bypassed		Activate								
General Faults	Apply for								Add			
Burglar Alarm Linkage Burglar Alarm Linkage				Inactive Trig	gers		Configure		~ ^			
-	IPCamera			None			Configure	Delete	-			
Alert Status	Active Detterrance											
	DAI-340IPEN-28							Delete				
	BMV-320SRN-36						Configure	Delete				
	While the feature is an	tive and burglary	alarm is disarm	ed. the confic	ured linkages above will be	inactive.						
		and a second	distrini	an, and coming	and a second				Apply			
									a de la construcción de la const			

### 2) DDA EVENT SCHEDULING

Available now on your NVR, and not just your IP camera! You can set separate schedules for DDA events to trigger alerts at specific times only.



#### 3) WESTERN DIGITAL PURPLE REAL-TIME MONITORING

Get a live health status check for the "WD Purple" series disks, including suggestions for required actions.

📑 Disk				Live display Camera F	ecord Events and Ar	nalytics <u>Disk</u>	Network	Accounts and Permissions	System	×
G Disk management	:				tus Check					
Disk management		< в	ack						Wester DEVICI ANALY	m Digital E
Storage mode Storage mode settings		2	Disk2(WD	D-WCC4J5JNP07Y) Disk He	aith				C ANALY	
G Information			No.	Alarm name	Status	Value		Suggestion		
View disk information	>		1	Lifetime Power On Reset Alert	Disk Health	10.00				
	1				Disk Health	0.00				
Health Status Check				Head Load Lifetime Count Alert	Disk Health	10.00				
				Current Temperature Alert	Disk Health	26.00				
				Total Lifetime Workload Alert	Disk Health	0.00				
				Total Workload Rate Alert	Disk Health					
				Power On Reset Rate Alert	Disk Health	0.00				
					Disk Health					
				Soft Reset Alert	Disk Health	0.00				
				Hard Reset Alert	Disk Health					
				Mechanical Failure Alert	Disk Health	0.00				
					Disk Health					
				Uncorrectable Errors Alert	Disk Health	0.00				
				Reallocated Sector Count Alert	Disk Health	0.00				
				Asynchronous Signal Recovery Alert						
				Low Temperature Alert	Disk Health					
				High Temperature Alert						

Available also on the web interface.

### 4) GDPR: FILE DELETION

To comply with Global Data Protection Regulations (GDPR), we now have a **File** deletion feature (Admin Credentials must be provided.)

Mark and delete:



#### 5) GDPR: <u>IMAGE</u> DELETION

The new 1.4.7 version, complies with the Global Data Protection Regulations (GDPR) and allows for specific **image** deletion (Admin Credentials must be provided.)

Choose one or multiple images for deletion:

See the empty space after deletion:



# 6) GDPR: HIDDEN PERSONAL INFORMATION

Starting from FW 1.4.7, and under the GDPR rule. security is increased, and the NVR will hide private personal information such as license plates, e-mail addresses, face DB names and more.

💩 Events and Analyti	cs		Live display	Camera	Record	Events	and Analytics	D	sk Net	twork	Accounts and Permissions	System	×
Event notification													
Alarm out   E-mail   Display > Buzzer   Push Message Audio   Light   Alarm Server	E-mail r	notification											
🖳 Analytics	Recipie								Ac	bb			
Perimeter Monitoring										<			
Face Recognition   LPR			e***k@****.com				24x7		â				
Others				fj***hh@****					~ 💼				
Database						24x7		÷					
Face Database Vehicle Database													
🗟 General Event													
Motion   Sensor Combined Alert   IPC Offline General Faults	Sender	***			Sched	lule mana	gement E	dit senc	er Ap	ply			

# 7) 3<sup>RD</sup> PARTY INTEGRATION

The new 1.4.7 supports simple integrations with 3<sup>rd</sup> party platforms.

The new "alarm server" feature will allow you to send any events of your choice to a 3<sup>rd</sup> party platform that supports XML format.

💩 Events and Analyti	ics	Live display	Camera	Record	Events and A	Analytics	Disk	Network	Accounts and Permissions	System	×
Event notification	Alarm out E	-mail Display	Buzzer	Push Message	Audio	Light	Alarm.in	e Mar			
Alarm out   E-mail   Display Buzzer   Push Message Audio   Light   Alarm Server	Alarm Server										
Analytics	🗹 Enable										
Perimeter Monitoring Face Recognition   LPR		ss 192.168.6	.28								
Others	Part	1234									
⊟ <sub>Database</sub>											
Face Database Vehicle Database	Send Hea	irtbeat									
General Event											
Combined Alert   IPC Offline General Faults	Schedule	24×7			Manage						
System Disarm											
System Disarm	Alert type			Configure							
Alert Status	Sensor alert										
Alert Status	IPC Offline										
	Camera Tan										
	Sterile Area										
				Apply							

### 8) ALARM OUTPUT PULSE

The alarm output pulse is an advanced method of verifying the alarm trigger XXXX; this is used in gate control, burglary systems and more.

The NVR is capable of sending 2 quick pulses instead of 1.

Event notification	Camera name		DAI-340IPEN	-28	<u></u>						
Alarm out   E-mail   Display Buzzer   Push Message Audio   Light   Alarm Server	Perimeter Monitoring Line Crossing Sterile Area	Face Recognition Detection R Face Database	ecognition	PR letection l <b>'ehicle Databa</b>	Recognition	Others Fire Detecti Temperatur	on Video e Detection	Metadata Item Moniti		Crowd Gathering	
Finalytics Perimeter Monitoring Face Recognition   LPR Others		uccessful Recognit	ion 🗹 Unmat								
Database     Face Database     Vehicle Database	Face Group Schedule	24x7	~	manage							
General Event Motion   Sensor Combined Alert   IPC Offline General Faults	Text Prompt			) Va Configure	ice Prompt Alarm out	None Configure		Configure			
System Disarm	Push Buzzer		DAI-340	PEN-28					IPCamera Active Detterrance	None None	
Alert Status	Video Po	p-up							16-320LPR-MVF1 18-340IP5MVF+	None None	
	Message	Box Pop-up							DI-320IPE-MVF	None	

#### 9) UNBIND APP FROM AN NVR

A device that was bound using the "Provision Cam2" App can now be unbound using the NVR as well (Admin Credentials must be provided.)



#### **10) SUBSTREAM PARAMETER OVERVIEW**

The auto-recorded substream information is easily viewable for better HDD and bandwidth planning.

👮 Record		Live display Can	nera <u>Record</u>	Events and Analytics	Disk Network	Accounts and Permissions System
Record	Event recording stream	Normal recording s	stream Record	Substream		
Node settings Advanced		Stream type				
Encoding parameter	IPCamera	Sub-stream	H.265	704x576		128Kbps
ivent recording stream	Active Detterrance	Sub-stream	H.265	704x576		512Kbps
lormal recording stream lected Substream	DAI-340IPEN-28	Sub-stream	H.265	704x576		512Kbps
		Sub-stream	H.265	704x576		
Record status accord status	BMV-320SRN-36	Sub-stream	H.265	704x576		512Kbps
	thermal22	Sub-stream	H.265	704x576		512Kbps
	I6-320LPR-MVF1	Sub-stream	H.265	704x576		512Kbps
	Z4-25IPE-4(IR)	Sub-stream	H.265	704x576		512Kbps
	Sales Desk	Sub-stream	H.265	704x480		512Kbps
	14320IPE36	Sub-stream	H.265	704x480		512Kbps
	BX291IP5	Sub-stream	H.265	704x576		512Kbps
	DMA390IP528	Sub-stream	H.265	704x576		
	18-340IP5MVF+	Sub-stream	H.265	704x576		512Kbps
	DI-320IPE-MVF	Sub-stream	H.265	704x576		512Kbps
	2nd Floor	Sub-stream	H.265	704x576		512Kbps

### 11) BACK UP ALL LICENSE PLATE RESULTS

Starting form 1.4.7, you can export with a single click all the discovered license plate images into a USB flash drive for backup reasons.



# 12) AUDIO TRIGGER FOR COMBINED ALERT

Starting from 1.4.7, you can trigger an audio message for a combined alert, adding yet another effective way of alerting.

Event notification											
Narm out   E-mail   Display Buzzer   Push Message					((•)) Buzzer	💽 Video Po	ip-up	A Mess	age Box	Pop-up	E-mail
Audio   Light   Alarm Server	Alarm name	Combined Alert	Record	✓ S	napshot	✓ Audio	~	Push	✓ AI	arm out	✓ Pre
Analytics	Customized Alarm0	Configure	Configure		Configure	lease hold on	.mp		~ 🔲	Configure	Co
Perimeter Monitoring	Customized Alarm1	Configure							~		Co
ace Recognition   LPR	Customized Alarm2	Configure				<none></none>			~		Co
Others	Customized Alarm3	Configure							~		Co
Database	Customized Alarm4	Configure				<none></none>			~		Co
ace Database /ehicle Database	Customized Alarm5	Configure							~		Co
	Customized Alarm6	Configure				<none></none>			~		Co
General Event	Customized Alarm7	Configure							~		Co
Combined Alert   IPC Offline	Customized Alarm8	Configure				<none></none>		On	~ 🗆		Co
General Faults	Customized Alarm9	Configure							~		Co
System Disarm	Customized Alarm10	Configure				<none></none>			~		Co
System Disarm	Customized Alarm11	Configure							~		Co
Alert Status	Customized Alarm12	Configure				<none></none>			~		Co
Nert Status	Customized Alarm13	Configure							~		Co
	Customized Alarm14	Configure				<none></none>			~		Co
	Customized Alarm15	Configure							~		Co
	K										
	Customized Alarm0:Active		 								

# 13) CHOOSABLE REMOTE PLAYBACK STREAM (MAIN/SUB)

Starting from 1.4.7, you can choose which stream to view and download! Allowing for better control when backing up records.



#### General improvements:

- Alarm server corrected the alarm type to point to the specific alarm type.
- Alarm box parameters are saved after the alarm box is disconnected.
- Dynamic code removal –adding an unbound device can be done via the App.

General bug fixes and system stability increase.