

ROBIN Tech Note

Version: 1.0.2 NL Datum: 12-06-2018



milestone

The Open Platform Company

Over deze Tech Note

Deze Tech Note is van toepassing op de volgende Robin producten:

- C03050 C03058 : Proline SV
- C03071 C03074 : Proline Classic SV
- C02050 C02058 : Compact SV

Software release 3.0.1 en hoger



VMS integratie, Robin en Milestone XProtect

De Robin kan worden gekoppeld aan het Milestone XProtect VMS (Video Management System).

Dit document beschrijft de koppeling van de Robin door middel van RTSP (Real Time Streaming Protocol) aan Milestones XProtect. Voor de video stream wordt het H.264 protocol gebruikt.



Configuratie van de Robin

De Robin vanaf software versie 3.0.1 is uitgerust met ondersteuning voor RTSP. Door middel van dit protocol wordt zowel de video als de audio afkomstig van de Robin getransporteerd.

RTSP staat standaard uitgeschakeld op de Robin. Deze kan aangezet worden in het menu:

-Network-RTSP-:

R 9BIN				version dev-3664 Logged in as 'admin' (logout)
Telephony Audio Video Networ	K System Recording4All			
Status Settings HTTP Mail NAT	RTSP]
 Enable RTSP server RTSP port Require authentication Username Password Apply settings 	Image: S54 Image:			
		© Copy	right 2009-2013 Robin Telecor	

Voer het volgende in:

- Enable RTSP server : Deze schakelt RTSP in
- Require authentication : Zet deze aan om alleen toegang tot de RTSP stream te krijgen met een loginnaam en wachtwoord
- Username : De usernaam voor RTSP toegang (standaard is dit: 'admin')
- Password : Het wachtwoord voor RTSP toegang (standaard is dit: '123qwe')



Configuratie van XProtect

Voor deze Tech Note maken we gebruik van XProtect Go.

Start de XProtect Management Applicatie. Klik op 'Add Hardware Devices'.

Se XProtect Go Management Applic	ation			
File Services Wizards Appli	cation Settings Help			
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☐ IJ Surveillance Server → ● Maradis ⊕ 때 Advanced Configuration	milestone The Open Platform Company			C
	Welcome to the XProtect Go Management Application. Use the wizards below to configure the surveillance system. For detailed configuration of all settings, use the Advanced Configuration.			
	1. Add Hardware Devices			
	2. Configure Video and Recording			
	3. Adjust Motion Detection			
	4. Configure User Access			
		Settings changes:	Apply	Discard



Selecteer 'Manual' en klik op 'Next':

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File Services Wizards Appli	pplication Settings Help	
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Classical and Configuration	Add Hardware Devices	C
	Insidalog helps you detect and set up IP hardware devices.	
	Express (recommended) Advanced	
	Manual Minual	
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	Help Cancel	
	Settings changes:	Apply Discard

Voer het volgende in:

- Address : het adres van de Robin
- User Name : De naam van de RTSP-gebruiker op de Robin (default 'admin')
- Password : Het wachtwoord behorende bij de RTSP-gebruiker (default '123qwe')
- HardwareDriver : Selecteer hier de 'Universal Driver'

Selecteer 'Use' en klik op 'Next':

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File Services Wizards Applica	ation Settings Help	
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Surveillance Server	M ^M Add Hardware Devices	C
	Specify hardware information and select the hardware driver manually. Optionally use "Auto-detect to detect the hardware driver automatically.	
	Status: Stop Scan	
	Use Address Pot User Name Password Hardware Driver Verified	
	✓ 192.158.160.43 80 admin ▼ <	
	Korren and the second sec	
	Auto-detect	
	Help Cancel	
		Arek Discord
	Settings changes:	Apply Discard



Wijzig de naam van de camera (optioneel) en klik op 'Finish':

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XProtect Go Management Application					
File Services Wizards Applicatio	n Settings Help				
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Surveillance Server Wizards Wizards Advanced Configuration	ny Add Hardware Devices			x	
-	The following hardware will be added. Cameras will be assigned auto-generated names - Alternativel Select up to eight cameras you want to use. If required, also s				
	Custom text : My Custom Text	Auto-ger	nerated name format:	[Device type] + [number]]
	Hardware Device to Add	Enable	Name		
	Universal Driver - 192.168.160.43				
	Hardware device	e:		Hardware Device 1	
	Video channel	1: 🔽		Camera 1	
	Microphone channel	1: 🔽		Microphone 1	
	Help			< Back Finity Cancel	
				Settings ch	hanges: Apply Discard

Ga naar de 'Advanced Configuration', 'Cameras and Storage', klik met de rechtermuisknop op de net toegevoegde camera en ga naar 'Properties':

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File Services Wizards Application	on Settings Help				
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Surveillance Server Wizards Advanced Configuration Hardware Devices Hardware Device 1 Comeras and Storage	milestone The Open Platform Company				0
Microphone Disable Events and Hide Ca	ra Settings Summary:				
Logs Properti	iesera Name	Video Format Record on I	Retention Time	Recording	Archiving Bath
Central	Camera 1	MPEG Motion Detection	5 Day(s) 💌	C:\MediaDatabase	C:\MediaDatabase
B Services B Services		Co Reso	nnection error ution ??x?? (sverage	r on "Camera 1" e aize per frame 0.0 KB)	Sation chance: deck Discard
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Klik op 'Camera Settings':

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File Services Wizards Applie Image: Service Server Image: Server Image: Server			
Surveillance Server Advanced Configuration Advanced Advanced Configuration Advanced Configuration	Ceneral Video Audio Recording Properties Recording and Archiving Paths Event Notification Output Motion Detection Privacy Masking 360° Lens	General camera settings Enabled: Camera name: Camera 1 Camera shortout number: Camera Settings. Preview Connection error on "Camera 1"	pbse
۲ <u>۱۱۱</u> ۲		Resolution: 7%?? (0.0 Mbit/s, average size perframe 0.0 KB)	Apply Discard
		OK Cancel	

Voer het volgende in:

- Codec Video : H264
- Codec Audio : PCM mju-law
- Streaming mode : RTP over RTSP (TCP)
- Connection URL : /rtsp/video.av
- RTSP port : 554

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File Services Wizards Appli	Video Properties	X III	
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Surveillance Server	Camera settings		
Wizards	General Coders Dock 1		
Hardware Devices	Video		
Hardware Device 1	Audio Streaming mode: RTP over RTSP (TCP) Streaming mode: RTP over RTSP (TCP)	<u> </u>	
Cameras and Storage 1	Delivery mode: Multipart stream		
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iii 🤦 Events and Output	Record Reep aive type. Derauk		
Scheduling and Archivi	Event N Retrieval mode: Streaming Connection URI: //tsp/video.av		
E-mail	Output Connection URI: /rtsp/video.av RTSP port: 554		
Tentral	Motion BTSP.port 554	2	abase
Server Access	Privacy		
Services	360° Le		
Servers			
	Cancel Preview Image OK		
	Resolution: 960x720 (1,3 Mbit/s, average size per frame 14,5 K	(B)	Apply
< III >		OK Cancel	Ahhhy Discard



Klik op 'Preview Image' om te kijken of de stream loopt:

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File Services Wizards Appli		Video Properties				8	
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Wizards	Genera	Video settings	lues.		The second se		
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Cameras and Storage 1	Audio	Delivery mode:	Multipart stream	- Delivery mode	Multipart stream	-	
Microphones	Record	Kaan afun hunar	Defect		Defect	-	
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Scheduling and Archivi	Event N	Retrieval mode:	Streaming	- Connection URI	/rtsp/video.av		
Elgs	Output	Connection URI:	/rtsp/video.av	RTSP port	554		
	Motion	BTSP port	554				abase
Server Access	Privacy		1				
Services	360° Le						
Servers							
				700/00/			
			Image size: 590 x	220(30 frames evg. 9.4 Kb)	OK.		
< III >			Re	solution: 960x720 (1,3 Mbit/s, ar	verage size per frame 14,2 KB)		Apply Discard
	1				OK	Cancel	

Klik op 'OK' en sluit de setup af met nogmaals 'OK':



De Robin is nu aangemaakt in Milestone XProtect.

