

ROBIN Tech Note

Version: 1.0.3 ENG Datum: 7-06-2018

S Integration Milestone XProtect :01-W0

milestone

The Open Platform Company

About this Tech Note

This Tech Note is applicable for the following Robin products:

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

Software release 3.0.1 and higher



VMS integration, Robin and Milestone XProtect

Robin products can be connected to the Milestone XProtect VMS (Video Management System).

The Robin uses RTSP (Real Time Streaming Protocol) to stream H.264 video to Milestones XProtect.



Configuration of the Robin SV

The Robin SV (software release 3.0.0 and higher) supports RTSP. With RTSP, both video and audio are transmitted.

To use RTSP on the Robin SV, no additional settings have to be made.

RTSP support is disabled by default. Enable it in the menu:

-Network-RTSP-:

RĴBIN				version dev-3664 Logged in as 'admin' (logout)
Telephony Audio Video Network	k System Recording4All			
Status Settings HTTP Mail NAT	RTSP			
Settings Enable RTSP server	<u>ح</u>			
RTSP port	554			
Require authentication				
Username	admin			
Password	•••••			
Apply settings				
		0		

Use the following information:

- Enable RTSP server : This enables RTSP
- Require authentication : Require authentication for access to the RTSP stream
- Username : The username for RTSP access (default: 'admin')
- Password : The password for RTSP access (default: '123qwe')



Configuration of XProtect

For this Tech Note we've used XProtect Go.

Start the XProtect Management Application. Click on the 'Add Hardware Devices' button.

* XProtect Go Management Applica	tion			
File Services Wizards Applic	ation Settings Help			
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□ - 日 Surveillance Server → ● Wards ⊕ ① 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



Select 'Manual' and click on the 'Next' button:

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File Services Wizards Appli	ication	Settings Help		
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Jurveillance Server Wizards Advanced Configuration	r	Add Hardware Devices	·	9
			Add Hardware Devices	
		1 9	This dialog helps you detect and set up IP hardware devices.	
			Hardware device detection method	
			Express (recommended)	
			Advanced Advanced	
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		Help	< Back Next > Cancel	
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Use the following information:

- Address : the IP address of the Robin
- User Name : The name of the RTSP-user of the Robin (default 'admin')
- Password : The matching password of the RTSP-user (default '123qwe')
- HardwareDriver : Select the 'Universal Driver'

Check 'Use' and click on the 'Next' button:

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File Services Wizards Applic	ration Settings Help	
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Galaxia (a)	Add Hardware Devices Secdy hardware information and select the hardware driver manually. Optionally use "Auto-detect" to detect the hardware driver automatically.	C
	Status:	
	Use Address Port User Name Password Hardware Driver Verfied	
	✓ 192.168.160.43 80 admin ▼ •••••••• Universal Driver ▼ □	
	Lg² 80 <default> Tenter password Auto-detect hardware type T</default>	
	Auto detect	
	Help Cancel	
	Settings changes:	Apply Discard



Change the name of the camera (optional) and click the 'Finish' button:

VProtect Go Management Applicati	20			
File Services Wizards Application	ion Sattings Hale			
	ion settings mep			
Image: Surveillance Server Image: Surveillance Server	ny Add Hardware Devices	1		_
	The following hardware will be added. Cameras will be assigned auto-generated names - Alternativ Select up to eight cameras you want to use. If required, also	ely, enter the nam select one micro	es manually. ohone.	
	Custom text : My Custom Text	Auto-gen	erated name format: [Device type] + [number]	•
	Hardware Device to Add	Enable	Name	
	Universal Driver - 192.168.160.43			
	Hardware devi	ce:	Hardware Device 1	
	Video channe	11: 🔽	Camera 1	
	Microphone channe		Microphone 1	
	Help		< Back Fin(\s	Cancel
				Settings changes: Apply Discard

Navigate to 'Advanced Configuration', 'Cameras and Storage', right-click on the new camera and go to 'Properties':





Click on the 'Camera Settings' button:

😵 XProtect Go Management Applica	Camera Properties	
File Services Wizards Applie Image: I		
A Wands SHI Advanced Configuration Advanced Configuration	Centeral General camera settings Video Audio Recording Properties Enabled: ① Camera shortout number: Camera shortout number: Output Camera Stortout number: Privacy Masking 360° Lens S60° Lens Connection error on "Camera 1"	base
4 [[]] >	Resolution: ?%?? (0.0 Mbt/s, average size per frame 0.0 KB) OK Cancel	Apply Discard

Use the following information:

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

SProtect Go Management Applic	Camera	Properties						
File Services Wizards Appli		Video Properties				×		
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Surveillance Server		Camera settings		A set of a set the set		1000	4	
	Genera	Video settings		Audio settings		1	1	
Advanced Configuration	Midae	Lodec:	H264	Codec:	PCM mju-law			
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🖃 🤝 Cameras and Storage I	Audio	Deliverymeder	Marken and also and an and an and an and an and an and an an an and an	Definences	kd. Bin ed. she ere	1		
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Scheduling and Archivi	Event N	Retrieval mode:	Streaming	Connection URI:	/itsp/video.av			
Logs	Output	Connection URI:	/rtsp/video.av	BTSP port	554			
Central	Motion	DTCD-++	FE 4	~	1		abase	
	Privacy	intor poic	554					
Services	26091							
Services Services	360° La							
			Cancel Previe	ew Image (DK.			
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			Resolu	tion: 960x720 (1,3 Mbit/s, av	erage size per frame 14,5 KB)		Annhy	Diecard
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To test the stream, click on the 'Preview Image' button:

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File Services Wizards Appli		Video Properties				8	
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Hardware Devices	Video	Codec:	H264		= [PCM mju-law	<u> </u>	
Hardware Device 1	Audio	Streaming mode:	RTP over RTSP (TCP)	 Streaming mod 	RTP over RTSP (TCP)	-	
Cameras and Storage 1 Camera 1	Record	Delivery mode:	Multipart stream	- Delivery mod	e: Multipart stream	-	
Microphones	Record	Keep alive type:	Default	 Keep alive typ 	: Default	•	
Scheduling and Archivi	Event N	Retrieval mode:	Streaming	Connection UF	I: /rtsp/video.av		
Dogs	Output	Connection URI:	/rtsp/video.av	BTSP DO	t 554		
Central	Motion	BTSP port	554		,		abase
Server Access	Privacy	inter pare					
Services	360° Le						
E Servers							
			Image size: 960 v	720 (30 frames avg. 9.4 Kb)			
			Cancel P	eview Image	DK		
			Re	esolution: 960x720 (1,3 Mbit/s,	average size per frame 14,2 KB)		Apply Discard
					ОК	Cancel	

Confirm with 'OK' and close the setup with the 'OK' button:



The Robin is now successfully created in the Milestone XProtect software.

