

**HIKVISION**

**Metadata integration solution**



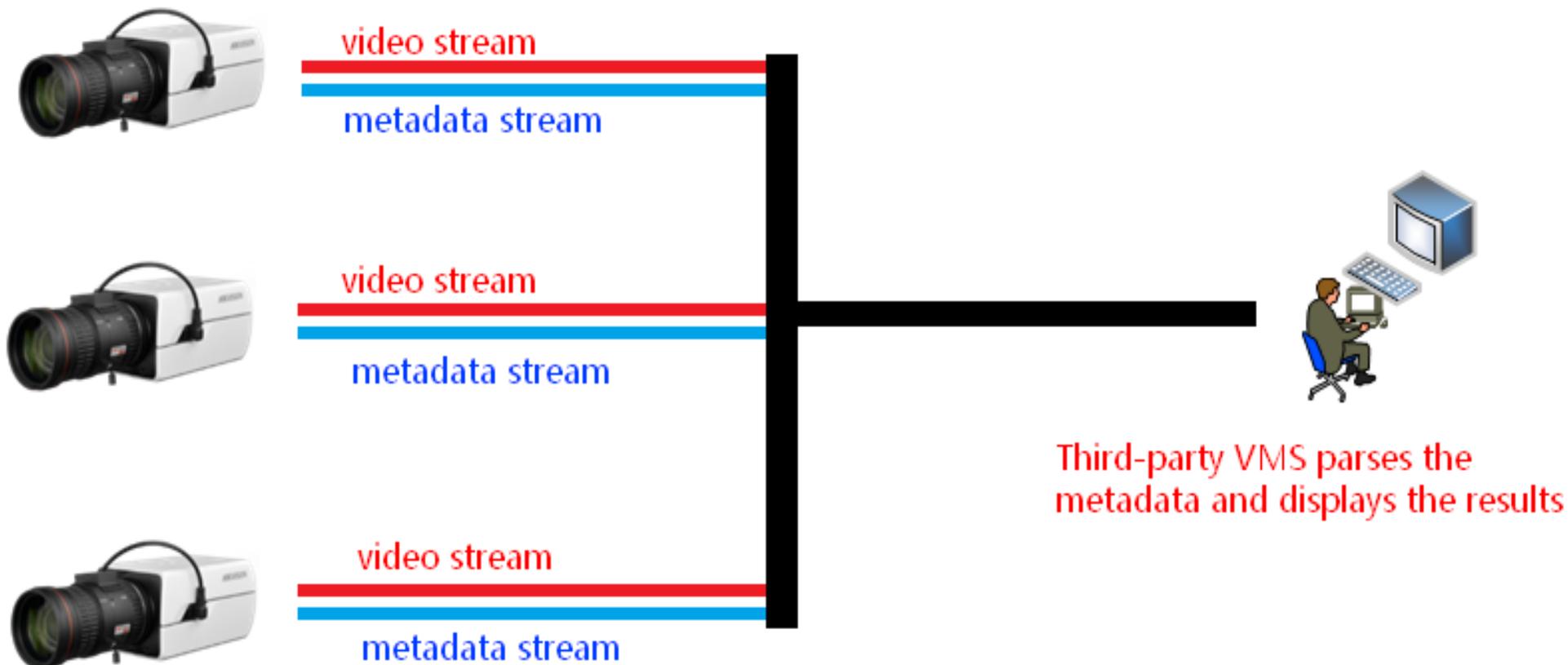
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# Metadata Instruction

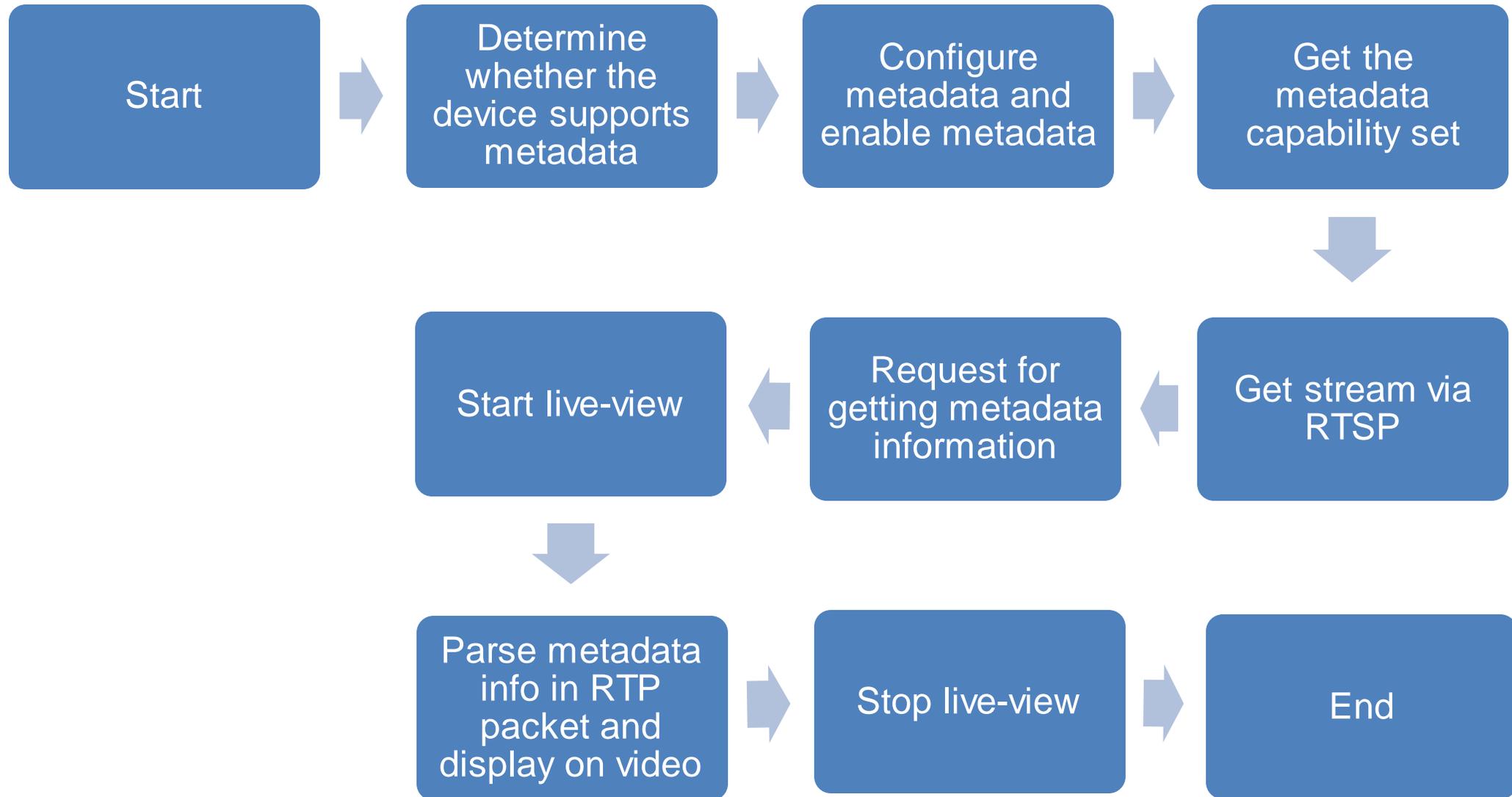
*Metadata is the data that describes other data. In the video monitoring filed, metadata usually contains intelligent structured information (e.g., real-time temperature measurement, fire source detection, ship detection, behavior analysis, ANPR, queue management, and face capture) which can help users to understand the videos.*



# Integration method description

	ISAPI	ONVIF
HIK Products Coverage	Front-End / Thermal	Front-End / Thermal
Documents	OPEN ISAPI Protocol User Manual- Metadata Applications	Please refer to ONVIF official website
How to get integration materials	<ol style="list-style-type: none"><li>1. Contact with regional technical support.</li><li>2. Sign MLA with Hikvision and filling integration request form.</li><li>3. Get dedicated Protocol documents.</li></ol>	Please refer to the ONVIF official website related metadata description for development
Key Features	Private VCA information, including Real-time temperature measurement, Fire detection, Ships detection and Behavior Analysis	Video analytics results
Description	HTTP+RTSP+XML	HTTP+RTSP+SOAP

# Metadata typical scenario



The current ISAPI Metadata message is in XML format.

## ◆ Features supported by Metadata:

- Real-time temperature measurement
- Fire detection
- Ships detection
- Behavior Analysis: Rule data and real-time target data

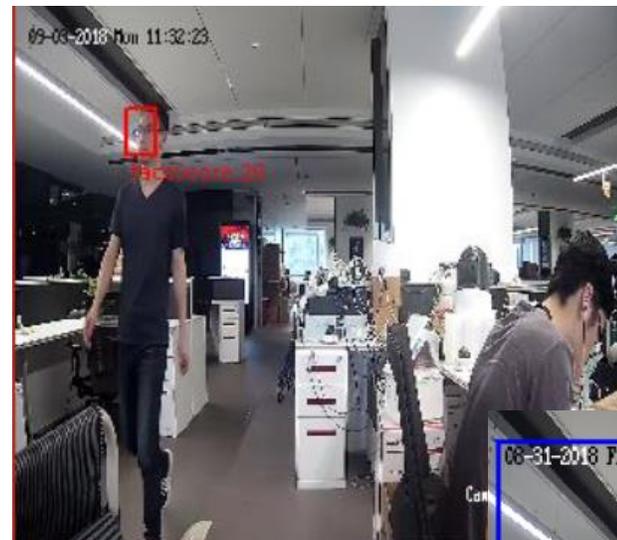
## ◆ Metadata supported configurations:

- Whether the device supports the Metadata capability set
- Metadata capability
- Metadata configuration

- ◆ IP camera
- 4/7-series ANPR



- 5/7-series



# Recommend product

- ◆ Thermal camera
- 2/4/6/8-series



# ISAPI metadata Feature & Compatible list

Protocol	Feature	ANPR	IPC	Thermal
ISAPI	Real-time temperature measurement	Not support	Not support	2 series – V5.5.0 and above
				4/6/8 series – V5.5.2 and above
	Fire detection	Not support	Not support	2 series – V5.5.0 and above
				4/6/8 series – V5.5.2 and above
	Ships detection	Not support	Not support	2 series – V5.5.0 and above
				4/6/8 series – V5.5.2 and above
	Behavior Analysis (Rule / Real-time target)	4 series ANPR – V5.4.7	5 series – V5.5.80 and above	2 series – V5.5.0 and above
		7 series ANPR– V5.5.62 and above	7 series – V5.5.80 and above	4/6/8 series – V5.5.2 and above
	ANPR	4 series ANPR – V5.4.7	Not support	Not support
		7 series ANPR– V5.5.62 and above		

# ONVIF metadata Feature & Compatible list

Protocol	Feature	ANPR	IPC	Thermal
ONVIF	Real-time temperature measurement	Not support	Not support	Not support
	Fire detection	Not support	Not support	Not support
	Ships detection	Not support	Not support	Not support
	Behavior Analysis (analysis / event)	Not support	5/7 series – V5.6.0 and above	1/2 series - V5.5.8 and above
	ANPR	Not support	Not support	Not support

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# MANY THANKS !

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