

## RZ/V MPU AI Application Examples

RZ/V MPU enables a wide range of products for various use cases to be easily developed by simply changing the AI application. Renesas has prepared the following AI application based on RZ/V MPUs with our partners. These AI models are optimized for each use case. By using these partner solutions, users can eliminate the design for AI model and install the application directly to your system, reducing a significant amount of development time and can complete the product development in a short time.

Category	Application Example	Partner
Smart City	Vehicle Intrusion Detection	<a href="#">Mitsui E&amp;S System Research Inc.</a>
	Smart Cities monitoring	<a href="#">Irida Labs</a>
City	Object detection on the road	<a href="#">QuEST Global</a>
	Meter Reading	<a href="#">NIPPON SYSTEMWARE CO., LTD.</a> <a href="#">Mitsui E&amp;S System Research Inc.</a>
	Crack Estimation	<a href="#">NIPPON SYSTEMWARE CO., LTD.</a>
	Intrusion Detection	<a href="#">tiwaki Co., Ltd.</a>
Safety	Area Anomaly Detection	<a href="#">NEXT-SYSTEM Co., Ltd.</a>
	Solo Working Detection	<a href="#">NEXT-SYSTEM Co., Ltd.</a>
	People Counting	<a href="#">tiwaki Co., Ltd.</a>
Find people behavior	People & object tracking	<a href="#">Ignitarium</a>
	Human Pose detection	<a href="#">Ignitarium</a>
		<a href="#">NEXT-SYSTEM Co., Ltd.</a>