

RE Partner Solution

ASIOT OCR Middleware



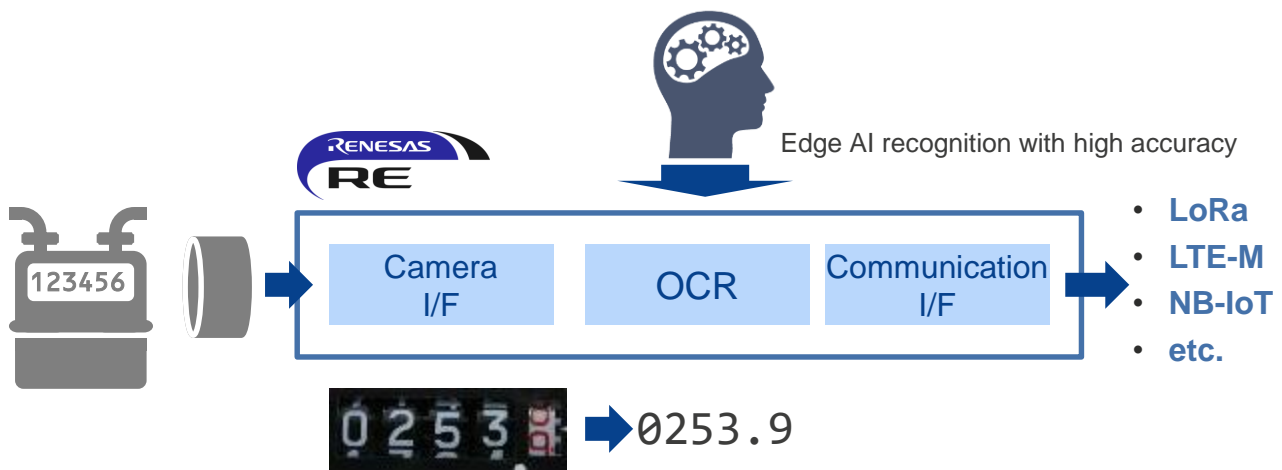
Solution Summary

Leveraging Edge AI technologies, OCR middleware can recognize numbers from images in an embedded system without sending images to a server. By using the [RE MCU Family](#), the power consumption of smart meters for electricity, water, and gas can be significantly reduced.

Features/Benefits

- OCR middleware can read analog numbers with lower power consumption compared to conventional products without connecting to the cloud.
- The character recognition accuracy can be improved by additional learning for customers' device.

Diagrams/Graphics



Target Markets and Applications

- Smart Meters
- Smart Factories
- Smart Buildings
- Consumer Electronics

<http://asiot.jp/>



About ASIOT

With "edge AI" technology, Asiot Co., Ltd. can meet a wide variety of customer needs by making full use of AI technologies, especially machine learning algorithms including deep learning, with our mission to inspire tomorrow IoT. We, as a group of engineers, are developing our business to provide innovations by creating IT platforms and services that can be widely used in the world market.

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Business content

1. Planning and development of devices and services using the latest IoT and AI technologies
2. Providing added value by leveraging big data analysis technology
3. IoT+AI consulting