

Future Architect Launches Edge AI Solutions Improve operational efficiency by instantly reading handwritten Japanese and product information using a smartphone

Future Architect, Inc.
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In October 2022, Future Architect, Inc. (Headquarters: Shinagawa-ku, Tokyo; President: SHINGU Yuki), a main operating company of Future Corporation (Securities Code: 4722), will launch Edge AI^{*1} solutions, which use AI, IoT, and Augmented Reality (AR) to instantly read handwritten Japanese and product information such as barcodes, expiration dates, model numbers, and serial numbers, all from a smartphone or other small device.

The services being offered are “EdgeAI-OCR” and “AI Inspection Solution.” With both services, a trained AI model is installed on the terminal, which then analyzes the data captured by the terminal’s built-in camera.

EdgeAI-OCR is a solution that allows documents and slips to be instantly converted into data by simply photographing them with a mobile device such as a smartphone or handheld terminal. In addition to various fonts such as kanji, hiragana, katakana, and alphanumeric characters, our proprietary Edge AI technology enables highly precise reading of handwritten Japanese.

The AI Inspection Solution, meanwhile, not only reads normal barcodes, but can collectively read product information such as expiration dates, which was difficult to obtain with conventional handheld terminals.

*1. Edge AI is a technology that instantly makes decisions by processing data collected by an AI-equipped device through inference and learning within the device.

About: Future Corporation

Future Group is a company that conducts "IT Consulting & Service Business" and "Innovation Business" through the use of latest technology. Since the founding in 1989, we have designed and improved the business of our clients through developing systems that integrates business management with IT. Our clients are from various industries including Finance, Manufacturing, Distribution and Logistics. We have also created our own new services based on the know-how we have accumulated in this process. We are contributing to the society by promoting innovation and creating new values for clients that is based on the strengths of "connoisseurship" and "implementation ability" of latest technologies such as AI and robotics.

Source: Future Corporation

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