

Future Architect Adds an AI Model for Japanese Handwriting with a Business Automation Rate of Over 90% to its AI-OCR Platform Service “Future OCR®”

Future Architect, Inc.
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Future Architect, Inc. (Headquarters: Shinagawa-ku, Tokyo; President: SHINGU Yuki; hereinafter, “Future Architect”), a main operating company of Future Corporation (Securities Code: 4722), will be adding an AI model that can read handwritten Japanese with a high level of accuracy to its AI-supported “Future OCR®” Optical Character Recognition (OCR) platform service. This service is set to begin in June 2022.

Future Architect will add an AI model for handwritten Japanese that supports a variety of characters to Future OCR®, which has been available since 2021. This model is resistant to image noise and can read copied slips with smearing, scratches, marks, etc., low resolution text images, and text that includes grid-lines. Using AI, an automation rate for handwritten Japanese input work of 91.40%^{*1}, and a reading accuracy of 99.49%^{*2} has been achieved.

In 2019, Future Architect, together with SG Systems Co., Ltd., developed a system that uses AI to recognize handwritten numbers on delivery slips, and has a track record of automating 8,400 hours of input work per month.

- *1. Calculated results that the input work of 10 million handwritten address fields (250 million characters) was automated (no human correction required) by AI
- *2. The results of AI correctly reading all handwritten address fields (average 25 characters) in *1. Accuracy of 99.96% per character

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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