

Signature Detection and Verification



Our product is an innovative solution used as a ready-to-integrate service for detecting signatures on two different documents and performing signature matching. By using high-performance artificial intelligence algorithms, it first detects signatures within documents, then matches the detected signatures, and finally creates a matching score. It enhances efficiency and productivity by eliminating the problems and manual processes associated with signature detection and matching for both organizations and individuals.

Problem and Need

In classical business processes, users are required to detect signatures on documents and match them manually. This not only causes time and labor costs, but also increases the error rate. In addition, tasks requiring signature detection and matching must be carried out quickly for customer satisfaction. AlbarakaTech's Artificial Intelligence Signature Detection and Matching solution aims to automate and expedite these processes with minimizing errors.

Features

High Precision Detection and Matching: High Precision Detection and Matching: Modern artificial intelligence algorithms extract and verify the signatures from documents accurately.

Data Integration: The AI Signature Detection and Matching Service, easily deployable as a microservice, produces the images of detected and matched signatures besides matching scores. Since the service output does not have a complex structure, it can be easily integrated into the existing systems of institutions.

Fast Processing: The product processes documents faster than if the work were done manually, thus optimizing workflows.

Security and Compliance: The solution ensures compliance with security and regulatory standards.

Benefits

Automatic Detection and Matching: Automatically detects and matches signatures in documents, enabling users to perform signature detection and matching without manual intervention.

Speed and Efficiency: Automates document signature detection and matching processes, speeding up operations and enhancing organizational efficiency.

Cost Savings: Quick signature detection and matching process reduces labor costs, enabling budget savings for organizations.

Accuracy and Precision: Delivers reliable results with high accuracy and minimal error rates through its AI model.

How It Works?

Signature Detection from Documents: AlbarakaTech's Artificial Intelligence Signature Detection and Verification Solution identifies all signatures exist in two different documents.

Signature Verification: Determines matched pairs of signatures within the detected signatures from documents using a scoring mechanism.

Integration: Gives information about matched signatures and their matching scores in the desired format via a web service approach, facilitating automation of manual tasks in business processes.

AlbarakaTech's Artificial Intelligence Signature Detection and Verification Solution simplifies operational document management for organizations by providing speed, accuracy, cost savings, and efficiency through its innovative approach.



Request

- Signature Declaration Document
- Control Document

Response

- Signature Detected on Signature Declaration Document (Base64)
 - Matching Signature on Control Document (Base64)
 - Signatures' Matching Score