

# Q-Form

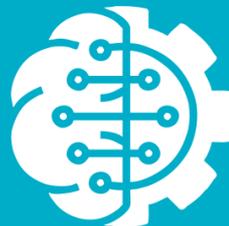
*Smart RPA Form Handler*



**Q-BOT**  
Digital Assistant



**Q-Form**  
Invoice / Bill  
Handling



**Q-Platform**  
AI Platform

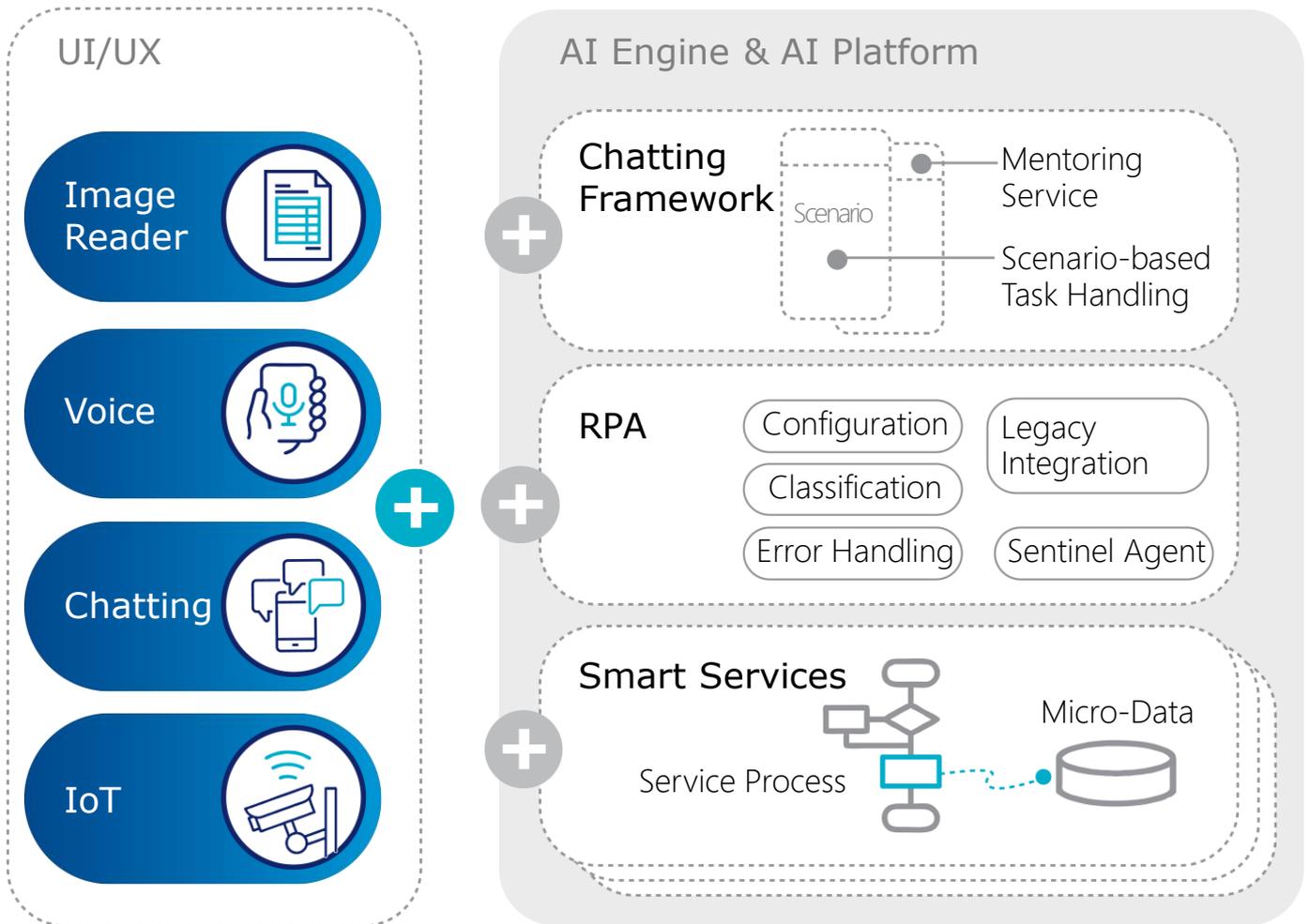
Turning Asset into Smart Business Decisions



퀀텀웨이브  
Quantum Wave

# Solution Architecture

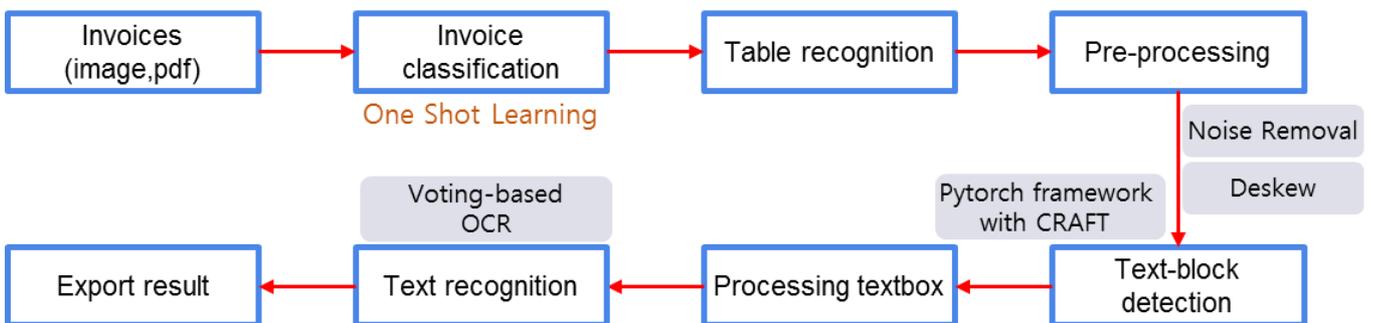
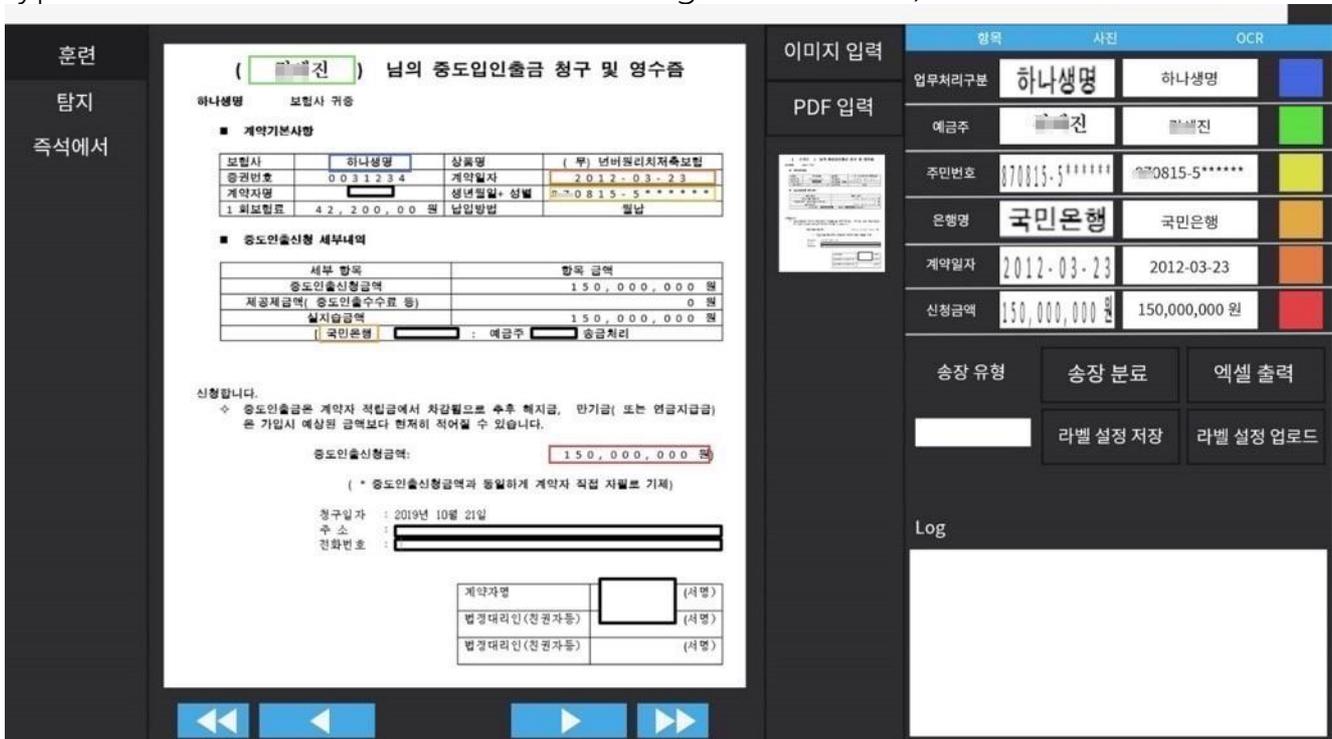
Invoice Reader “Auto Bot” is integrated into AI Engine & AI Platform. It reads and analyzes the form-based business documents and extracts the user-defined data, transform the image data into the text reports to store the data.



- Form Auto Bot can integrate into RPA task to automate the process and improve the productivity.
- Auto Bot may be incorporated in business scenario, so the user can interact with it and manage the data in accordance with the business needs.
- Auto Bot may be used and controlled by chat-bot service. You can be free of 52 hours legal requirements.

# Product Functions

Invoice Reader is an invoice smartly reading application that can read many types of invoice and make a file listing the needed information.  
(Type of the file can be decided according to customer)



## Technology Specification

- Invoice Reader can read invoice in both Image and PDF format.
- There are training mode for application to learn new forms of invoice before automatically reading.
- It identifies Japanese and Korean invoice forms.
- The application detects letters on invoice photo file by Optical Character Recognition – OCR.
- It classifies invoice forms with deep learning and training model through TensorFlow.
- It can identify and extract needed information through CNN –Convolutional Neural Network.

