





### Al Data Extraction and Entry Engine

Solving critical OCR and data extraction challenges in document digitization for enterprise-scale AI projects



#### **Project Failures**

Multi-million-dollar AI projects frequently fail due to inadequate OCR performance, causing costly delays, cancellations and failures



#### **Accuracy Gap**

Real-world OCR accuracy differs dramatically from benchmark testing, creating unrealistic expectations



#### **Document Digitization Halt**

Insufficient OCR performance forces organizations to abandon critical digitization initiatives entirely



#### **Poor-Quality Documents**

Faded text, damaged pages, and low resolution scans significantly reduce OCR accuracy rates



#### **Handwritten Content**

Cursive and varying handwriting styles remain nearly impossible for traditional OCR



#### **Small Font Recognition**

Tiny text in documents and forms causes frequent recognition errors and missed data



#### **Entity Extraction Failures**

Critical data fields are missed or incorrectly extracted during automated processing workflows

# Introducing Our Al Data Extraction and Entry Engine

Revolutionary AI-powered solution that overcomes traditional OCR limitations through advanced machine learning and natural language processing for superior document understanding.

#### Your only choice, simply because:

- The most robust and accurate OCR solution.
- Demonstrated success with a proven track record of projects.
- 30 Days Free Trial 100% Sure the solution works very well before the project starts.
- Rapid deployment just take 2 or 3 weeks.
- Annual subscription model low upfront and ongoing cost.
- On-premise deployment to meet your security requirements

#### **Business Reliable Al**

We design our AI solutions with Business Reliable AI principles:

- 1. Use **SOTA AI models** for ensuring high accuracy and great performance
- 2. Use **Extractive AI** (ie, the result is directly and exactly extract from documents) instead of Generative AI if Extractive AI could handle the problem. Thus, the answer is exact and correct from the source documents.
- 3. AI Result comes with the **Source Reference**. Thus, **human** validation is easy and direct.
- 4. AI Result comes with **Confidence Level** and we could reasonably believe some AI results are more **Trustworthy** while some results need to check very carefully.
- 5. The AI Solution is **Business Aligned** with business operation, workflow and use requirements
- 6. We build **AI Gatekeeper** to check AI result for recommendation and alerts on its accountability to users

#### **Business Reliable Al Solution:**

- Best Result
- Non-Generative (if Extractive AI can perform well)
- Reliable and Traceable
- Easy and Effective Human Validation
- Business Aligned
- AI Gatekeeper



#### **On-Premise Deployment**

Fully on-premise solution ensures maximum data security and meets strict compliance requirements for sensitive government and enterprise documents.



#### **Highly Scalable & Integrable**

Our solution scales well to accommodate your workloads and integrates seamlessly with your existing system via API



#### **Short Implementation Time**

The engine can be set up in just one or two weeks, quickly alleviating your headaches on AI projects due to poor OCR and data extraction performance.



#### **Annual License Model**

Our solution offers low initial and ongoing cost, with the flexibility to upgrade or discontinue based on your needs every year.



## High Accuracy

Consistently achieves over 99% accuracy in real-world document processing scenarios.

Simply The Most Robust and Accurate OCR solution!



# Proven Track Records

Our solution has been implemented in sizable document digitization projects and has been recognized in the DPO's Success Stories listing



# Versatile Document Handling

Well tuned for government forms with superior accuracy



#### Hassle Free

Enjoy excellent OCR performance, along with a 30-day free trial!
You can 100% Sure the solution works very well before the project starts!

#### **AI Data Extraction and Entry Workflow**

Upload Documents Al Extraction & Processing Al Output Validation Result Export

#### Input

- User uploads / drags files by file type one by one for an application
- Or user uploads all documents in a file for an application
- System splits the file to different type of documents and user validates and make correction
- System checks if all required documents uploaded to the system

#### **Processing**

- Al OCR to read text from documents.
- Named Entities and Relations extracted
- Calculations and grouping based on business logic.
- Enriched data made which cover all required data for export.

#### Validation

- Extracted data are listed with reference to highlight in the respective document shown.
- Al Gatekeeper to check data extracted
- Confidence level or alert for potential wrong data shown
- User validates and amend wrong data

#### Output

- 1. Export result in Excel file
- Or through API whatever appropriate

#### User basically perform two steps:

- Upload documents
- Validate results

Fast and simple to get things done!

#### **The Company**

imimr was founded in 2015 as a pioneer in Chatbot solutions. The first chatbot solution was launched in Q4 2015 as a multi-channel frame-based chatbot covering the web, mobile app, WeChat, and FB Messenger (FB Messenger in 2016, when it became open to the public). In Q3 2017, imimr launched the world's first Cantonese Travel Voice Chatbot and showcased it to the general public at the International Travel Expo [https://t.co/0E0odpVgwd].

In 2018, imimr expanded its business scope to AI business solutions. A wide range of AI business solutions, including AI Selling, AI Marketing, AI Customer Service, and AI Operation, have been launched by imimr [https://bizby.ai/#work].

#### **Awards and Recognitions**

- > Top 20 Artificial Intelligence Solution Providers 2018
  - Presented by APAC CIO Outlook Magazine
- AI Chatbot Award
   Presented by China Robot Industry
   Development Summit 2017
- Featured Article on imimr's AI solutions
  APAC CIO Outlook Magazine
- Invited as Esteemed Speaker in Technical Seminar of HK IET
  - Organized by HK Institution of Engineering and Technology
- Invited as Esteemed Speaker for Smart Retailing Organized by HKRMA and HKPC
- Radio Interview on AI Applications eZone, Hong Kong Radio
- ➤ Invited as Esteemed Speaker for Chatbot Malaysia Social Media Week Summit 2017

### Contact

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