

AUTOMATED INTELLIGENCE EXTRACTION AND PROCESSING

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Automated intelligence extraction and processing is a computer vision (Deep Learning) based artificial intelligence solution to extract relevant/ required fields of information from digital documents; combined with robotic process automation to process such extracted information seamlessly as per business processes and requirements.

Overview

- Ideal data extraction solution for high volumes of digital documents
- Intelligent automation aligned to the growing business needs
- Read and capture data from structured, semi-structured and unstructured documents.
- Platform offering automated means of data extraction while securing client's sensitive information as manual intervention is removed
- Intelligence extraction through Deep Learning underpinned by OCR
- Non-intrusive, fast and reliable
- Increased operational accuracy, reduced error rates and cost efficient
- Customer owned IP
- No limits to the number of documents read
- Simple and transparent AMC for every implementation

Applications

Manual repetitive activities that can be automated include but not limited to:

- Logging in to IT systems (eg Email, ERP, enterprise systems)
- Data entry in IT systems from Excel, word docs, PDFs and JPGs
- Pulling out / downloading data from IT systems
- Carrying out computation on large volume of data (eg Reconciliation, MIS generation)

Key benefits

- Rule based automation is a key margin driver due to improved efficiency
- Quick deployment for significant productivity gains with enhanced accuracy
- Flexibility to handle volume variations as per business needs
- No intrusion/risk of data theft
- Can continue to work 365x24

Bespoke solution implementation

While the solution framework remains same, it is customised and implemented meeting client requirements, primarily based on

- Type of documents to be read
- Information to be extracted
- Volume of documents to be processed
- Process flow, pre and post document reading
- Number of manual and highly repetitive activities
- Number of manual activities to be automated