

# IDA – Intelligent Document Analysis

## Highest Quality Data Capture, Extraction and Understanding

PLANET AI's Intelligent Document Analysis software suite (IDA) offers comprehensive capabilities for customers with the common desire for short time-to-value automation and high-quality data capture, extraction, and understanding.



**Highest OCR and ICR accuracy for handwriting and the most challenging scenarios:** skewed machine-print, poor-quality scans, handwriting, checkboxes, tables, historical scripts etc.



**Short time to value** document classification and data extraction: IDA is based on machine learning, not on pre-defined rules



**Deployment on-premises or in private cloud:** Optimized for usage of CPU and GPU

## FEATURES

Thanks to the modular approach, all features can be licensed individually based on your use case.



**IDA Recognition** is the main feature for data capture in PLANET AI's IDA suite and delivers OCR and ICR results with exceptional accuracy despite scenarios like distorted, poor-quality scans with machine-print and difficult-to-read handwriting.

- Leveraging the patented PerceptionMatrix
- Comprehensive PDF support
- Versatile JSON output format
- Add-ons for barcode recognition, historical scripts, and more



**IDA Classification** provides a rule-free, few-shot learning feature for document categorization tasks, dramatically accelerating the setup and maintenance of workflows compared to rule-based or manual approaches.

- Intelligent document splitting
- No-code training with a browser-based interface
- Leveraging unmatched OCR quality

## IDA PRODUCT BRIEF



**IDA Extraction** offers rule-free, few-shot learning for smart zonal data extraction, enabling the capture of individual data fields from documents. This dramatically accelerates the setup and maintenance of workflows compared to rule-based or manual approaches.

- Refined zonal data extraction
- No-code training with a browser-based interface
- Leveraging unmatched OCR quality

## ADD-ON



When handling large volumes of documents with handwriting, historical scripts, or poor-quality machine-print, even with advanced solutions like IDA, attaining 100% accurate OCR results requires significant manual correction efforts. In such scenarios, **IDA Search** offers complete keyword retrievability, leveraging PLANET AI's patented technology. The PerceptionMatrix ensures that all possible transcriptions of a given text are preserved and accessible through search requests.

- Search based on using regular expressions, operators, and filters.
- Internationally awarded keyword-spotting

## USE CASES

### Document Indexing

Low-effort auto-indexing and metadata extraction of large document volumes

### Forms Processing

Form data extraction from pre-defined fields for various downstream tasks

### White-Label Integration

Technology integration to supercharge your product

**PLANET AI** is a research-driven company that develops AI applications with human-inspired cognitive capabilities, enabling customers to unlock and process information from unstructured documents, automate data capture, and achieve the most accurate results.