IDA – Intelligent Document Analysis

Document processing redefined – intelligent and flexible

IDA brings order to document chaos—automatically, precisely, and securely. The AI solution "Made in Germany" structures your documents from capture onwards and runs in your IT environment or the cloud, whichever you prefer.

WHY IDA?

Market-leading accuracy

Our benchmark against commercial and open-source providers shows: IDA delivers proven market-leading OCR quality as a solid data foundation for downstream AI applications .

Learning instead of rule writing

- Rapid adaptation without maintenance effort thanks to few-shot learning
- > 91 % out-of-the-box automation rate

From pilot to production

Through intelligent optimization, IDA runs fast and reliably even on standard hardware. No exploding infrastructure costs and no depency on cloud providers.

"Made in Germany"

Your data stays where you want it – on-premises, private cloud, or hybrid – for complete dava sovereignty.

FEATURES

Every IDA feature is fully based on machine learning and does not rely on complex rule sets. Thanks to the modular approach, features can be licensed individually based on your use case.
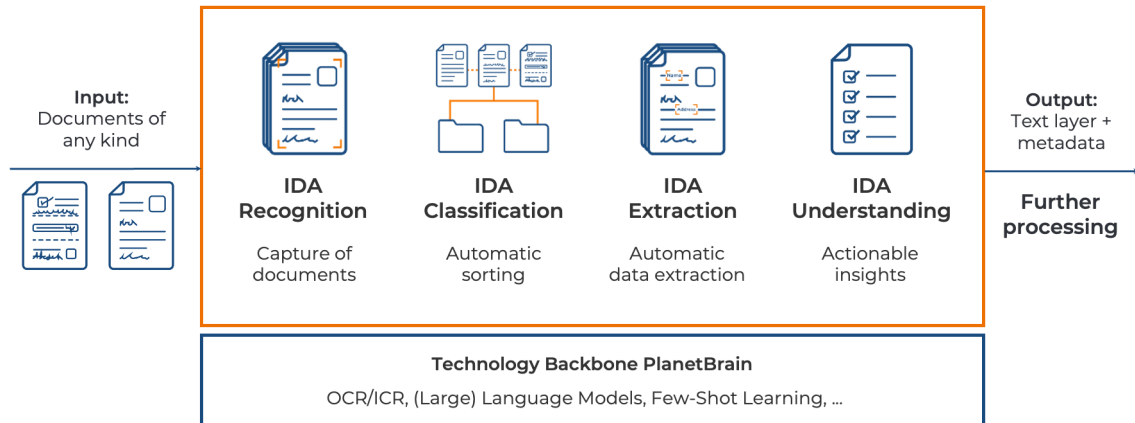
IDA Recognition reads what others can't decipher. With patented technology from over 30 years of research, we master even faded files, crooked scans, or doctor's handwriting. The result: Reliable data you can process directly and the perfect foundation for AI applications. The OCR Benchmark against commercial and open-source competitors provides further insights.

IDA Classification analyzes textual and visual features of documents. Our rule-free approach easily handles over 200 classes, analyzes text and layout simultaneously, and sorts your documents accurately. With few-shot learning, just a few examples are enough to train new document types.

IDA Extraction pulls the important information from your structured and unstructured documents. Thanks to modern AI capabilities like few-shot learning and large language models (LLM), this works even with unusual formats and without manual typing.

IDA Understanding understands your documents at scale. It automatically delivers actionable insights from unstructured documents, such as generating summaries and performing question-answering. Mass processing with intelligence, instead of individual requests via chat.

This figure demonstrates how IDA can be integrated into a document workflow:

USE CASES

Digital Mailroom

▸   Goal: from physical or digital document intake to structured processing
IDA enhances the indexing process across various document types, significantly reducing expenses for manual labor.

Forms Processing

▸   Goal: extract information from pre-defined fields for a range of subsequent enterprise operations, including document archiving, customer service and accounting
IDA excels at simplifying data capture from both semi-structured and structured documents.

OEM Integration for OCR

▸   Goal: seamlessly incorporate third-party OCR technology into a proprietary product
IDA provides a turnkey product to implement its core data capture feature (IDA Recognition), as demonstrated in this customer success story.

Records Classification

▸   Goal: systematic approach for creating and locating files (file plans)
IDA optimizes records classification with a rule-free approach based on minimal training data, as demonstrated in this customer success story.

PLANET AI pioneers automation for document-driven business processes using German AI technology. Founded in Rostock in 2015, PLANET AI has been part of Bechtle AG's portfolio since 2023.