ABBYY

ABBYY Vantage

Process documents intelligently with cognitive skills

Reach the next level of digital transformation with Intelligent Document Processing

ABBYY Vantage is a next-generation Intelligent Document Processing (IDP) platform that provides cognitive services and trained skills using artificial intelligence (AI) to understand business documents and extract meaning and insights in a human-like manner.

This no-code platform empowers the new citizen developer to accelerate digital transformation initiatives and expand automation to new processes in a fast and simple way, making immediate impact on business results, customer experience, and ultimately competitiveness.

Cognitive skills bring structure to unstructured data

Up to 80% of company data poses a significant challenge to automation, being difficult to access and process. Variations of information sources (email communications, mail, or modern systems of engagement like chatbots) and a myriad of document types (invoices, purchase orders, claims, IDs, waybills, delivery notes, etc.), as well as file formats, make it difficult to extract data and automate the business processes that rely on it. As a result, many core business processes still require significant manual interaction, making them error-prone, inefficient, and expensive.

ABBYY Vantage is revolutionizing Intelligent Document Processing by making it easier to quickly configure, train, and deploy solutions that handle the complexities of content without lengthy implementation phases or requiring users to have vast technical or machine learning experience.

Why ABBYY Vantage?

Intelligent
Understands virtually any document

Designed for business users
No coding required; design and train skills in a matter of hours

Platform-independent
Integrates with automation platforms, systems of engagement, and more

Cloud-native
Web-based platform with containerized infrastructure for easy deployment and scalability

AI-powered
No templates or setting up rules required; always learning

Highly extensible
Wide range of pre-trained skills from ABBYY and our partners available in ABBYY Marketplace

Insightful
Provides a detailed overview of the performance of your document-based business processes

Skilled
Augments human workforce by making human-like intelligent decisions

Cognitive skills that deliver business value

Trained Cognitive Skills

Pre-trained skills for document-driven business processes

Using the core skills, ABBYY, partners, and customers can train Vantage to understand and process any document type, including, invoices, purchase orders, bills of lading, insurance claims, W-2 tax forms, lease agreements, and many more. Trained Classification and Document Skills can be connected into a larger Processing Skill of any complexity in order to perform a series of document handling tasks as part of a business transaction.

Automate a range of document processes

Procure to Pay | Order to Cash | Customer Onboarding
Know Your Customer (KYC) | Mortgage Lending | Insurance Claims
Transportation & Logistics

Core Process Skills

The basis for automating content processes

The Vantage platform comes with a set of core skills, which provide a foundation for understanding and extracting data from documents of any kind – structured, semi-structured, or unstructured.

VISION

OCR Skill

Applies ABBYY's market-leading, AI-enabled OCR to make documents and content in any form, language, or format accessible for machine reading and further processing. The OCR Skill provides exceptional accuracy with simple set-up.

UNDERSTANDING

Classification Skill

Analyzes the structural layout and text of the document in order to understand its type, assign a class to it, and suggest a corresponding Document Skill to process it.

INSIGHT

Document Skill

Extracts data and insight from a specific document type in order to feed it into the automation process, populate business systems, and use it to make business decisions with minimum to no human interaction.

Learning

Vantage skills are trained during design time and continuously learn at runtime, creating new models based on expanded document set and user input.

Ready-to-go Skills in ABBYY Marketplace

In ABBYY's digital marketplace, customers can find pre-trained cognitive skills and frameworks developed by ABBYY and ABBYY Partners. The ever-growing selection covers a variety of document types and business processes, helping citizen developers to kick-start their automation projects, expand to new business areas, and achieve faster results.

↳ visit marketplace.abbyy.com

Out-of-the-Box Integration

Cognitive skills connected to your automation ecosystem

Vantage cognitive skills can easily be integrated with any business application or workflow through available connectors or custom built connectors using the Vantage REST API. Vantage works seamlessly with various process automation environments including RPA platforms such as Blue Prism®, UiPath®, SAP® Intelligent RPA; BPM platforms like Appian® or Pegasystems® ECM platforms; line of business (LOB) applications such as ERP systems; systems of engagement such as chatbots, and many more.

Integrate within any automation workflow

RPA | BPM | LOB Applications | Systems of Engagement | Mobile | Email | ECM

Skill Monitoring

Clear insight into skill performance

Business analysts and administrators have a clear view into the performance and accuracy of Vantage skills. With the help of comprehensive monitoring and analytics dashboards displaying straight-through processing rate, skill performance and improvement over time, manual review queue status, operator workload, subscription status, etc. Additionally, users can drill down into each skill and analyze extraction quality, transaction velocity, and more.

Key features

Powered by AI

Based on machine learning and artificial intelligence, ABBYY Vantage can intelligently identify documents and accurately extract insights from them while constantly learning and improving.

Fast implementation and business results

Vantage never relies on templates, turning unstructured content into structured information using vision and machine learning technology, all the while learning and improving over time.

Accelerated digital transformation

ABBYY Vantage is a powerful but simple-to-use cognitive skills platform that delivers business value quickly. With a number of available pre-trained skills, organizations can expand their automation initiatives to various business areas within a short period of time.

Improved customer experience

Faster turn-around times, reduced process latency, and less human error mean faster and more accurate responses to customers and a better customer experience. Serve more customers with the same or even fewer resources.

Increased efficiency, reduced cost

Best-in-class OCR and machine learning paired with ongoing training and improvement provide document processing with exceptional accuracy and straight-through-processing rate. This reduces the need for human involvement and frees up valuable resources.

Designed for the citizen developer

With its simple skill design experience and a Digital Assistant guiding the user, Vantage is designed for business users with no coding experience. It enables enterprises to empower the new citizen developer and democratize automation throughout the organization.

Deployment models suitable for any infrastructure, any needs

ABBYY Vantage is a web-based, cloud-native platform with a container-based infrastructure, orchestrated by Kubernetes. The platform is available both in the ABBYY Cloud as well as for on-premise deployment within the customer's private cloud infrastructure.

ABBYY Cloud	On-premise
High flexibility, availability, and performance without additional IT cost.	Local deployment entirely controlled and managed by you within your corporate environment.

ABBYY—The Digital Intelligence Company

Digital Intelligence brings together content and process understanding, which enables you to gain a complete 360° view of your business processes and the documents and other data that fuel them. With this insight, you can identify shortcomings, bottlenecks, and cost-drivers in order to pinpoint the most impactful route to automation for your organization.

Enterprises use Digital Intelligence from ABBYY to accelerate their digital transformation and complement intelligent automation platforms such as RPA, BPM, ERP, ECM, EHR, and others.

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For more information about ABBYY Vantage, visit www.abbyy.com/vantage
Contact our offices worldwide www.abbyy.com/contacts

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