ABBYY Vantage
Content IQ skills platform for the digital workforce

Accelerating Digital Transformation

Processing content such as documents, forms, images, and email communications requires a unique set of skills such as finding specific information in a document, performing data entry, routing the document or processing the information in the document based on its business content. In the past, these skills were the domain of individuals whose job it was to understand and process that content in their day-to-day jobs. Today, in a business environment driven by digital technologies, those skills reside in sophisticated Capture tools, Robotic Process Automation (RPA) and Artificial Intelligence (AI).

> " *In the digital world, A skill represents technology delivered as services that provides the ability to carry out a task with determined results within a given amount of time, energy, and cost."*

Content IQ Skills Automate:

· Customer Onboarding

· Proof of Delivery

· Bill of lading

· Mortgage Lending

· Customer Applications

· Policy Documents

· Insurance Claims

· Know Your Customer (KYC)

· and many more

Expediting Digital Transformation by Understanding Content

ABBYY Vantage is a next generation Content IQ platform for the enterprise that provides the skills required to understand and create meaning from content by turning unstructured content into structured, actionable information. Vantage helps organizations accelerate their digital transformation by complementing intelligent automation platforms like Robotic Process Automation (RPA) and Business Process Automation (BPA) with new and advanced cognitive skills to perform like humans. Vantage can be quickly and easily configured, deployed, and consumed throughout an enterprise to help

organizations achieve their digital transformation goals in record time. It can significantly speed business processes to improve the customer experience and increases competitiveness.

Vantage Makes Digital Workers Smarter

Vantage is the driving force behind today's digital worker—which is a software robot that performs the tedious tasks once performed by individuals. Built with ABBYY Content IQ technology, ABBYY Vantage is changing the way we work by powering the new digital workforce with the skills and understanding needed to make intelligent business decisions. Vantage represents a transformative shift in the processing of content that utilizes skills to make digital robots in automation platforms smarter by leveraging OCR, machine learning and artificial intelligence in day-to-day business processes. For the first time, enterprise organizations are able to automate content-based processes involving structured and unstructured content without requiring individuals who have specific and unique knowledge and experience of the technology.

## ABBYY Content IQ Brings Structure to Unstructured Data

Up to 80% of your company's data is difficult to access because of variations in document formats and sources such as documents, images, and emails created in digital formats that make it difficult to recognize and extract data. Until now, adoption of most capture technologies was limited to specific groups within the enterprise, requiring specially trained end-users—leaving other business groups without a viable solution to automate manual document processes. Vantage has changed all of this by making it easier to quickly configure and deploy solutions to handle the complexities of content without requiring users to have vast technical experience.

How Vantage Works

Vantage offers an innovative approach to how organizations address the challenges surrounding unstructured content. Rather than expecting users to be experts in areas like OCR, and machine learning, Vantage utilizes transparent technology that works in the background to digitize, classify, and extract data from both structured and unstructured documents and feed that data into the appropriate processes that drive today's business.

Vantage does not require a highly trained user or AI expert to configure the system because the core Content IQ skills are discoverable with any automation platform—allowing users to easily configure their processes through a simple point-and-click setup. Projects can be defined and deployed quickly, allowing organizations to put the technology into the hands of business analyst to automate virtually any document process. Vantage starts learning from a single reference or truth document, providing a quick path to production and it continues to learn as new variations of documents get processed.

ABBYY Vantage Content IQ Skills
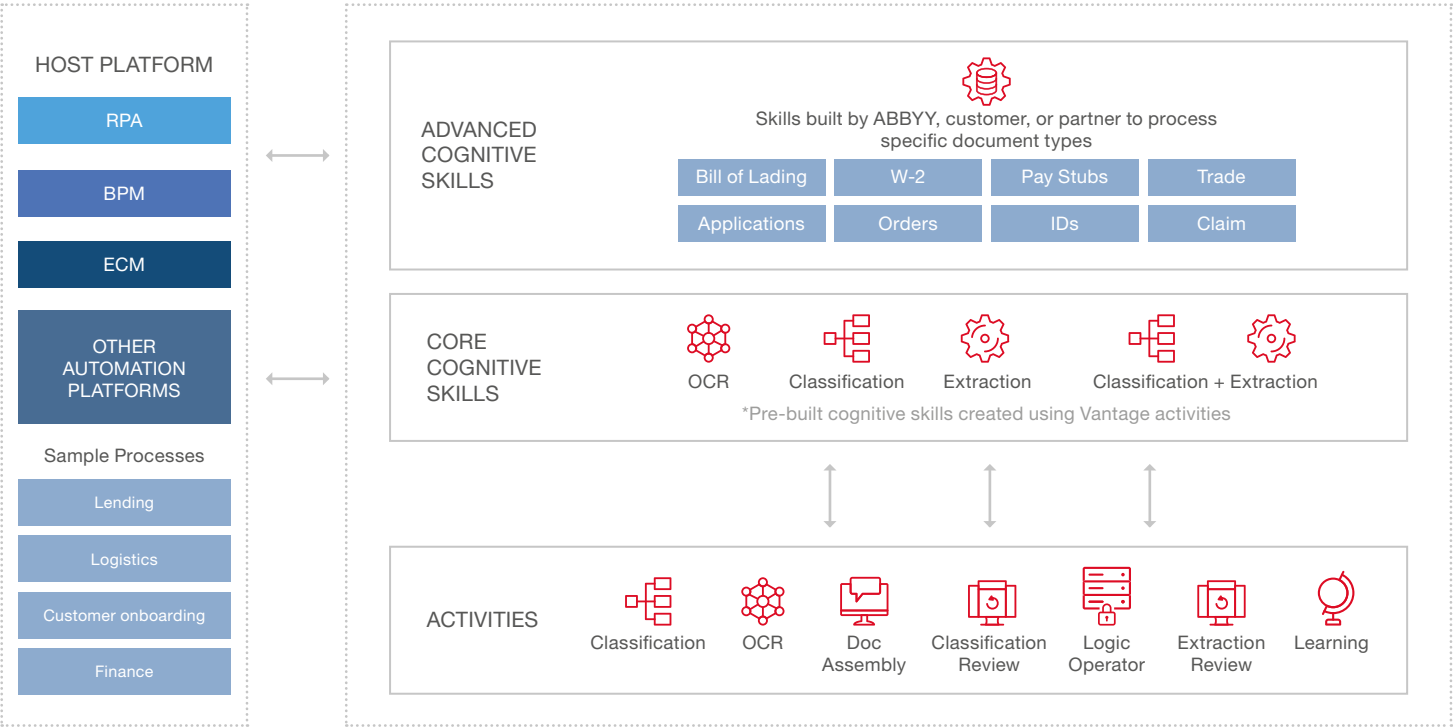
Note: Not all activities listed. Vantage comes with ready-to-use core cognitive skills and advanced cognitive skills that can be built for specific document use cases.

Vantage Provides Skills That Deliver Business Value

Vantage Content IQ skills include pre-built core cognitive skills for OCR, classification, and extraction. The classification and extraction skills interact with the cognitive learning service, which provides supervised and unsupervised continuous training and creates new learning models based on expanded sample set and user input.

Advanced Cognitive Skills leverage the core skills to perform specific tasks unique to your business operations such as processing a loan application, an insurance claim, or bill of lading. Both partners and customers can create advanced skills with multiple steps and pre-determined logic, while utilizing one or all of the core skills available. A simple way to think of skills is that they enable a digital worker in the form of a robot to perform a specific task that requires a specialized set of skills in order to replace what a human would otherwise perform.

Vantage provides the digital worker (robot) with the right skills (e.g. classify a document and extract data), that allows them to automatically read documents, route those documents to the right user or process, and take action—like determining if the correct documents were sent as part of the loan process, or if additional information is needed to complete a transaction. Vantage can work independently or side-by-side with your employees to process the most complex documents

including insurance claims, bill of lading, applications, W-2s, paystubs, and more.

Vantage allows you to build and integrate your own advanced skills and make them auto-discoverable within a wide range of automation platforms. Its advanced skills combine to leverage any of its core skills to deliver skills with custom rules and learning for specific document use cases and business requirements.

Vantage Works With Leading RPA Platforms

Vantage is a modern, componentized, service platform with 100% HTML interfaces for user interaction. It's core Content IQ Skills enable robots to perform specific and/or unique operations out-of-the-box and has the capability to be quickly and easily configured to meet any processing need. Vantage scales to your business needs—Content IQ skills are easily incorporated into most intelligent automation platforms which makes it possible for all enterprise business groups to capitalize on skills sets when building a smart robotic process.

Vantage is tightly integrated into the leading RPA platforms. This allows customers to add ABBYY Content IQ skills into RPA design environments like Blue Prism, UiPath, and others. Vantage is an open and flexible platform designed not just for RPA solutions, but it can also be leveraged by other solutions. It is ideal for ISVs, System Integrators, BPOs, and IT technology strategists who have a business need to incorporate Content IQ skills into their automation platforms to meet the specific needs of their customers.

Vantage Benefits

1 Turn Unstructured Content Into Structured Content

Vantage turns unstructured content into structured information using vision and machine learning technology—all the while learning and improving over time.

2 Easy To Use And Intuitive

Vantage combines the best of RPA and AI to drive self-service automation. It minimizes the complexity of technologies like OCR and machine learning, and makes it easy to setup and configure your content centric processes. There is no need to be a programmer or an AI or ML expert—the Vantage platform handles all of the complexity behind the scenes and provides users with an analysis of how the system is learning and improving.

3 Double Your Processing Results Within Months

Save time and money by leveraging proven OCR, design and runtime machine learning, applied specifically to content to continuously improve processing without human intervention.

4 Reduce Data Processing Errors

Significantly lower your error rates by automating data entry and minimizing human intervention.

5 Accelerate Turnaround Times

Reduce processing time and backlog by automating the extraction and digitization of documents and routing to the appropriate people and processes for quicker turnaround.

6 Improve The Customer Experience

Reduce wait time and speed up response times for customer interactions while improving your competitive advantage.

7 Deploy Skills And Monitor Performance

Vantage provides supervised learning that creates a knowledge base where document analytics can be monitored—allowing administrators to adjust and maximize processing over time.

The management console delivers the tools necessary to deploy skills to various tenants and their associated environments while enabling administrators to monitor and report on their status.

8 Eliminate Lengthy Development And Cost

Vantage eliminates the need for a team of costly experts and weeks of training to bring intelligence to content processes. Vantage Content IQ skills packages up OCR, machine learning, and advanced AI technologies and delivers them in an auto-discoverable and consumable skills within an RPA or other intelligent automation platforms.

9 Save Time and Money

Vantage delivers an exceptional ROI by removing process latency and reducing the costs associated with human involvement by making your robots and processes smarter and more efficient.

10 Unleash the intelligence in your content today

Find out how ABBYY can deliver new ways to create meaning and understanding in your content and power your business processes with Vantage Content IQ skills.

Learn more by visiting www.abbyy.com/vantage

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