



## ABBYY® Content IQ for Robotic Process Automation

### Expand the Capabilities of Your Digital Workforce

As Robotic Process Automation (RPA) gains popularity, enterprises are looking for ways to expand the use of these digital workforce robots, and they are achieving this goal using ABBYY Content IQ — a class of enabling technologies that help digital workforces understand and create meaning from enterprise content.

#### Making Robots Smarter

ABBYY Content IQ technology and solutions make digital workers smarter, whether those robotic processes are supervised operations initiated by a front-office worker, or automated back-office tasks handled by an unattended robot. ABBYY utilizes transparent technology that works in the background to digitize, classify, extract, and validate data from both structured and unstructured documents, and then feeds the data into the appropriate process. The robot then takes action based on the information the ABBYY Content IQ solution delivers.

#### BENEFITS

- **Increases** operational efficiency for your content-centric processes
- **Automates** the understanding of documents and transforms data into actionable, electronic business information
- **Makes** your digital workforce smarter to support strategic digital transformation initiatives
- **Significantly** lowers your error rates by automating data entry and minimizing human intervention
- **Reduces** wait time and speeds up response times for customer interactions while improving your competitive advantage

# Robotic Process Automation with Content IQ

## Enable Your New Digital Workforce with the Necessary Skills and Understanding to Bring Even More Value

When organizations combine Robotic Process Automation with ABBYY Content IQ technology, they maximize their IT investment by automating the tasks of understanding and routing information to a wide range of processes.

### RPA + Content IQ: Transform your business processes to unlock the value of your content



Robotic Process Automation



Content IQ

Helps automate repetitive tasks and processes	Provides understanding of content associated with the process
Non-invasively mimics users' actions	Mimics human thought processes through vision, language, and pattern recognition
Processes structured data from systems, spreadsheets, and documents	Processes structured, semi-structured, and unstructured content
Restructures existing work	Learns and improves over time based on supervised and unsupervised training
Multiple deployment options	Highly intuitive and easy to implement
Automation is rules based	Quickly design and train skills for specific document types

#### TURN UNSTRUCTURED CONTENT INTO STRUCTURED INFORMATION YOU CAN ACT ON

##### KEY FUNCTIONALITIES

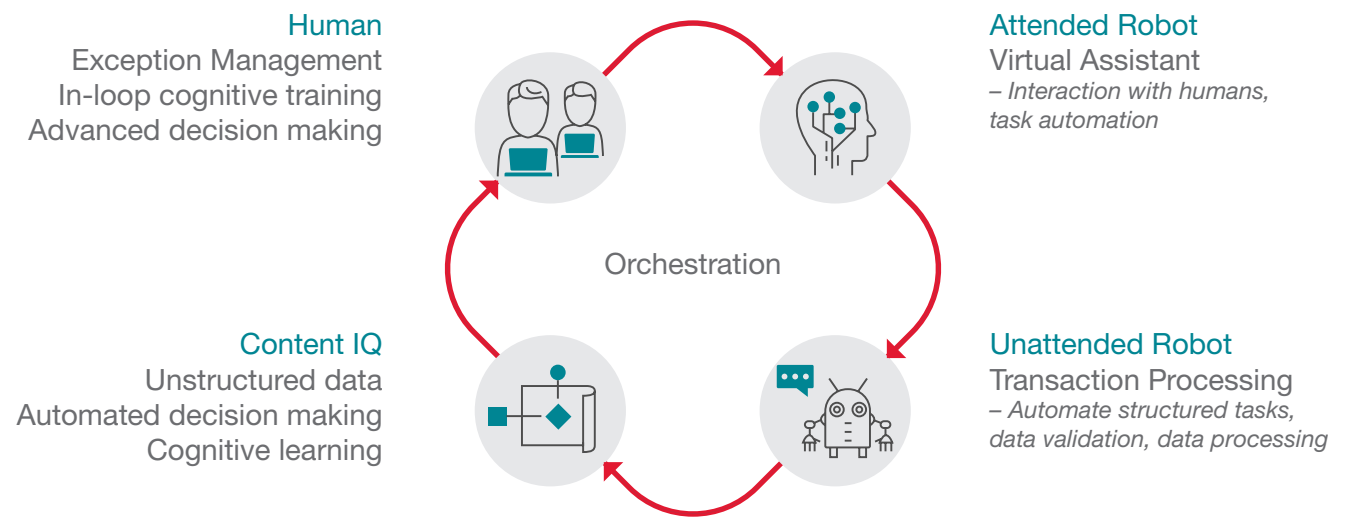
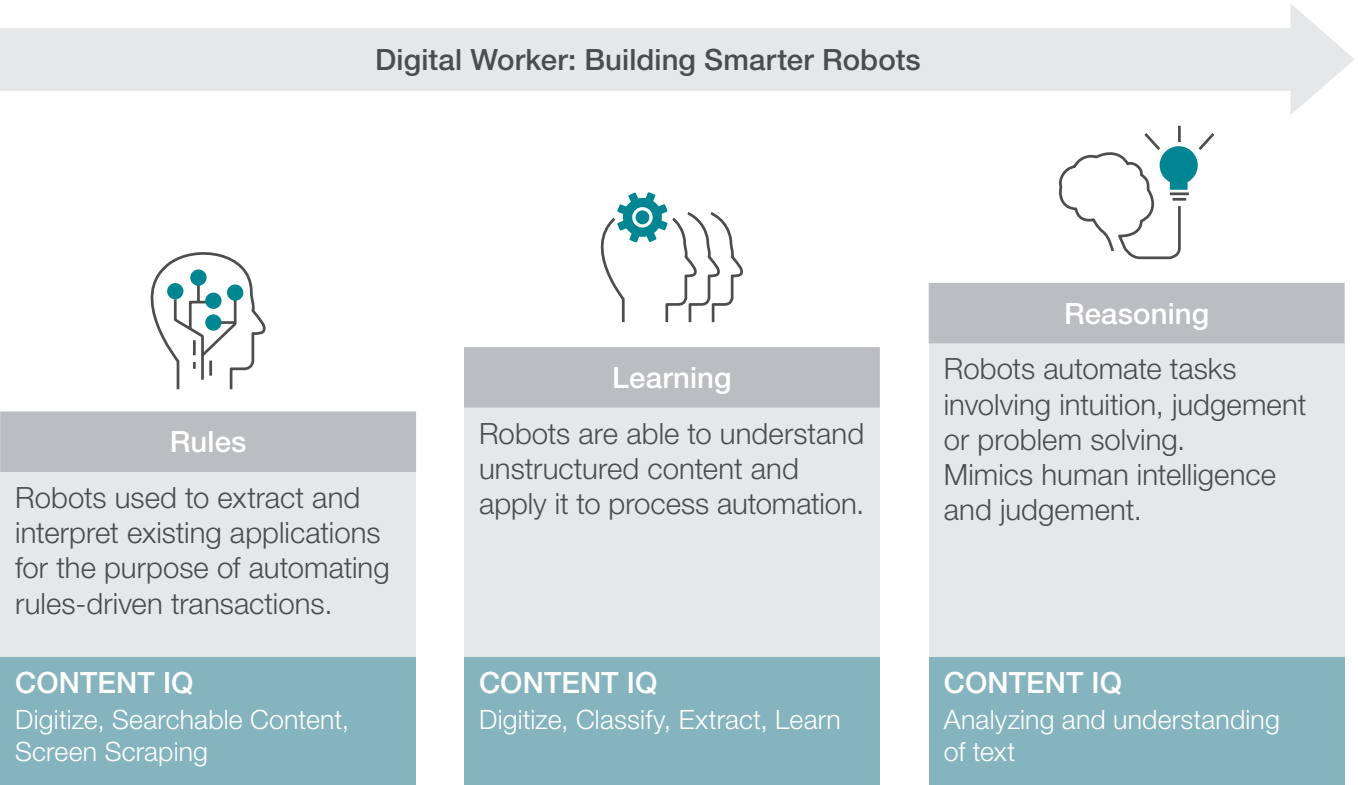
- Automatically processes all types of documents from multiple inputs, including scanners, fax, email, and mobile
- Leading OCR technology that supports 200+ languages, recognizes machine-printed text, handprint, barcodes, and checkmarks
- Intelligently identifies structured and unstructured documents using Machine Learning (ML) and other Artificial Intelligence (AI) technologies
- Automatically extracts data and insight from unstructured documents and images using Machine Learning
- Provides human in-loop review for reviewing and verifying data, while adding collected results back into the learning service

# Content IQ — Adding Value to RPA at All Levels

ABBYY Content IQ benefits organizations at all levels of RPA—starting with the most basic automation robots, all the way to the custom design of robots to automate tasks involving more intuition and problem solving.

ABBYY Content IQ is complementary to all three digital classes of RPA. It applies OCR, Machine Learning, Natural Language Processing (NLP), and text analytics technologies to identify and classify content and extract data, all while continuously learning from human input.

## 3 Levels of Automation and Their Impact on Business Value



# Get More Out of Your Content-Centric Processes

Organizations have identified numerous business processes that are ideal for RPA. By combining RPA with ABBYY Content IQ technology in content-centric processes, organizations can make RPA smarter, achieve end-to-end automation, and support the organization’s digital transformation.

Finance & Accounting	Logistics	Financial Services	Insurance
Invoices Purchase Orders Receiving Reports Vendor Statements Sales Orders	Customs Declarations Proof of Delivery Bills of Lading Reports	Account Opening Mortgage and Credit Card Applications Trade Confirmations	Policy Applications Claims Policy Administration Customer Onboarding

## ABBYY Product Offerings:

### ABBYY Vantage



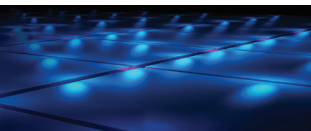
The first enterprise platform to provide human-like advanced cognitive skills to intelligent automation platforms such as robotic process automation (RPA) and business process automation (BPA). Vantage does not require technical expertise to configure and deploy its AI functionalities.

### ABBYY FineReader



Available as a desktop and server-based application and SDK, FineReader is an all-in-one OCR and PDF software application. It makes robots smarter by converting content (documents, images, and PDFs) into digitized information for robots to process.

### ABBYY FlexiCapture



Add intelligence to robotic business processes by intelligently classifying and extracting data from structured, semi-structured, and unstructured content.

### ABBYY FlexiCapture for Invoices



A business-ready solution for automating the capture of invoice data. It enables organizations to dramatically increase the productivity of accounts payable processes, while lowering costs.



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