

Cognitive Document Processing

Automate the processing of your digital documents



Information workers are demanding simple, intuitive ways to create, find, and use content to serve clients, simplify processes, and share information

Forrester Research Inc,
Solve Your Top Content Challenges with Modern, Agile ECM Architectures, Cheryl McKinnon, December 9, 2016

The challenge of processing digital documents

Many companies in the financial services and healthcare industries rely on information obtained from documents to perform key operation activities. To approve a new loan, for example, residential mortgage lenders collect hundreds of pages of document images.

Other industry participants, such as mortgage insurers, warehouse lenders, correspondent investors and wholesale lenders receive this pre-assembled file of digitized documents from a lender. They must evaluate the content quickly and thoroughly in order to issue an approval decision before their competitors do.

Each transaction has a lifetime value of thousands of dollars, but is critically dependent on a seemingly low value task. Thus, document processing can impede a company's operating model for new business.

People matter, results count.

Automate your document processing rapidly and inexpensively

Could your company benefit from an end-to-end solution that automates the organization and evaluation of digital documents rapidly, securely and at reduced cost?

Capgemini has teamed up with HeavyWater, an innovative provider of cognitive automation, to create Cognitive Document Processing (CDP) – a solution that evaluates the type, state and relevance of your documents, preparing them for secure storage, access, presentation and sharing.

By automating tasks that in the past could only have been performed by people, Cognitive Document Processing delivers a range of benefits that include:

- Enhanced operational efficiency – automate the import, processing and organization of your documents to ensure rapid delivery of documents and information to your business.
- Increased productivity and quality – increase the accuracy of your document processing and easily handle any potential exceptions through HeavyWater’s Document Processing Assistant technology.
- Reduced cost – enjoy 40–60% cost savings through automating the manual processing of your documents.
- Enhanced agility – react quickly to new documents or changes in volume.
- Increased compliance – ensure the content of your documents conforms to regulatory requirements.



The HeavyWater advantage

HeavyWater provides an automated “virtual assistant” called Document Processing Assistant that reads and analyzes inbound documents in real time. This is based on several key technology pillars:

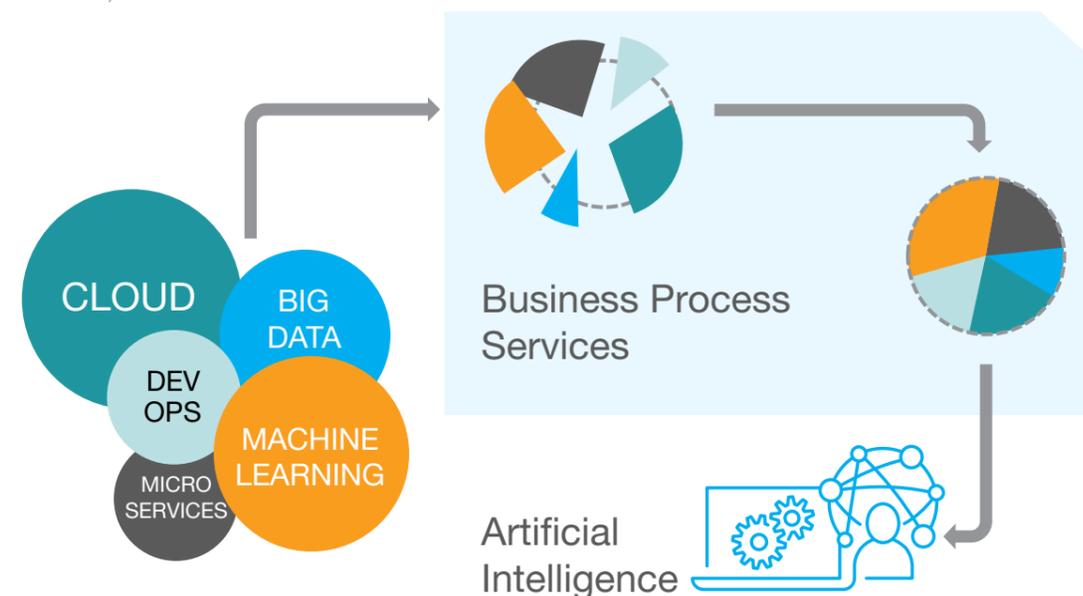
- A scalable, Cloud-based technology platform that responds immediately to volume changes.
- Microservices architecture with multiple orchestration layers.
- Machine learning algorithms with mechanisms for continued training and tuning.
- “DataData” (“data to the power of data”), an enriched set of data that provides the basis for extended analytics to identify opportunities for innovation.

Best-in-class outcomes through cutting edge technology

Cognitive Document Processing employs cognitive automation and artificial intelligence (AI) to process your documents end-to-end through a range of services:

- Import – CDP imports your documents ready for processing.
- Organize – CDP identifies each page of your documents, sequences the pages appropriately and generates an index.
- Read – CDP identifies and extracts key data.
- Review – CDP identifies important omitted documents, assesses the relevance of included documents and evaluates the content for regulatory compliance.
- Annotate – CDP allows users to add comments to your documents.
- Store – CDP stores your documents, making them available for up to 90 days.
- Export – CDP transmits task output securely to your technology environment.
- Share – CDP enables secure sharing of documents and task output with third-party business partners.

Cognitive Document Processing optionally starts in the mailroom where inbound mail is received, sanitized, sorted, validated and quality-checked before being scanned, classified and indexed



Why Capgemini?

Capgemini’s capabilities in technology and business process management, combined with HeavyWater’s technology and industry insight, deliver an intelligent task automation solution that includes:

- A Cloud-based technology platform for secure, high-speed operations.
- Intelligent task automation software.
- A user interface for efficient human review of the automated task output.
- Application integration(s) with your company’s own IT.

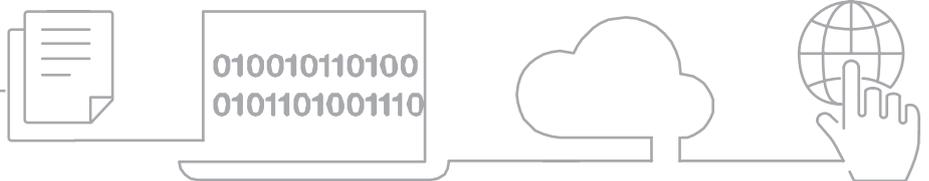
Our Cognitive Document Processing offering is priced on a per-page basis, with specific pricing determined case-by-case depending on:

- The scope of integration between your existing technology and HeavyWater’s platform.
- The scope of your documents to be organized.
- The mix of services.
- Usage volume.



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We believe that if a task requires only data as its raw material, then it can be automated. Digital documents are data but, until now, have been a roadblock to automation. HeavyWater’s cognitive automation platform changes that by handling these inputs at high speed, low cost and high quality - **HeavyWater**



Digital documents hinder the automation of many business processes, and we encounter this problem across industries. Based on our knowledge of companies’ processes and technology, Cognitive Document Processing is a gateway to much wider automation opportunities - **Capgemini**

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About Capgemini

With more than 190,000 people, Capgemini is present in over 40 countries and celebrates its 50th Anniversary year in 2017. A global leader in consulting, technology and outsourcing services, the Group reported 2016 global revenues of EUR 12.5 billion. Together with its clients, Capgemini creates and delivers business, technology and digital solutions that fit their needs, enabling them to achieve innovation and competitiveness. A deeply multicultural organization, Capgemini has developed its own way of working, the Collaborative Business Experience™, and draws on Rightshore®, its worldwide delivery model.

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