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Product overview

OpenText Capture Recognition Engine

Automated, reliable character recognition capabilities process and convert large volumes of handwritten and machine generated business documents into searchable text to support advanced forms handling, zonal and full-page recognition.

Processes high volumes of business documents quickly and reliably

Enhances image quality for optimal character, document and forms recognition

Supports the widest range of common handwritten and machine generated characters

The speed at which an organization processes large volumes of information directly impacts overall success. When minutes can make or break a competitive edge, the daily flood of written and printed documents must be read and made available in a digital format as quickly as possible. Reliable recognition quality and speed are essential for automated processing of all types of high-volume business documents, such as claims, applications, checks and tax returns.

OpenText™ Capture Recognition Engine is suitable for any public or private sector enterprise that processes high volumes of documents. It enables organizations to create high-quality, clean images that are accurately read by the product's OCR (Optical Character Recognition) and ICR (Intelligent Character Recognition) technologies to extract important data that can be used to drive business processes. Recognition Engine provides immediate value and a rapid return on investment, often within the first year.

Processes high volumes of business documents quickly and reliably

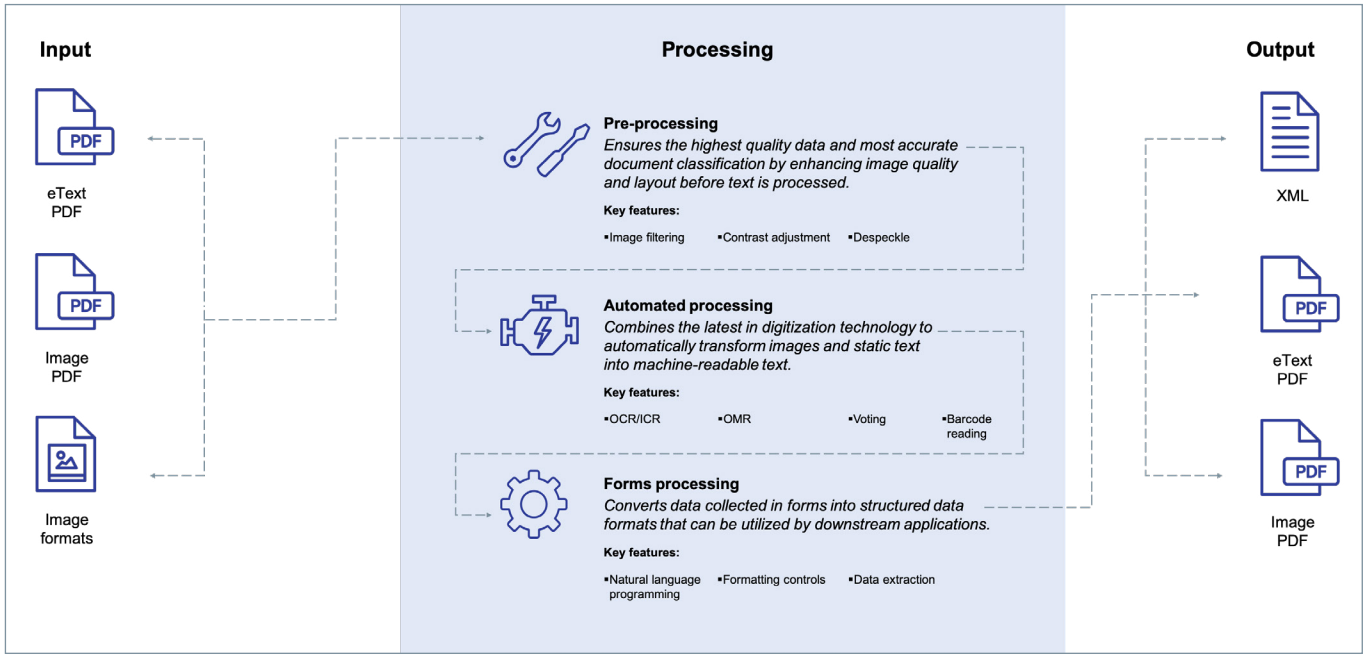
Recognition Engine offers high volume OCR and ICR processing and delivers industry leading recognition results. Recognition Engine is unique in that it offers "voting" capabilities, a process where multiple recognition engines work in parallel to intelligently compare the confidence level of each OCR and ICR result to achieve maximum accuracy. In addition, Recognition Engines applies contextual knowledge to the data extraction process to further improve recognition results and accuracy. When the complete acquisition of data from thousands, or even millions, of scanned documents every day is a mission-critical business task, organizations can leverage Recognition Engine to automate these tasks and allow users to focus on the exceptions and low confidence characters that require manual attention.

Enhances image quality for optimal character, document and forms recognition

Successful optical character recognition depends on the image quality of the original document. Recognition Engine features a wide range of integrated image pre-processing functions to enhance document images. These advanced imaging features locate characters and remove contours, smudges and inverted areas at the start of processing to ensure accurate character recognition. In addition, Recognition Engine further drives value with Advanced Forms Handling for forms recognition. OpenText has assembled an additional performance package to optimize document images for the forms recognition process.

Supports the widest range of common handwritten and machine generated character sets

Recognition Engine features a wide range of languages and character sets and supports worldwide implementation. The optical character recognition is renowned in a wide range of industries and business sectors the world over, and is used by census bureaus, banks, savings and loan associations, health insurance providers and more for documents, such as court payment orders, social security forms, international departure and arrival forms, etc.



Capture Recognition Engine

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Technical requirements

Qualified for	Windows® 7 x64, Windows® 8.1 x64, Windows® 10 x86, Windows® 10 x64, Windows Server® 2012 R2 and Windows Server® 2016
Interfaces	Open Text™ Capture Recognition Engine Standard, Open Text™ Capture Recognition Engine Server
Tools	Design Studio
Development environment	The API requires C# or C++ programming skills; the development of recognition projects does not require programming skills
Recommended hardware requirements and system resources	• **CPU:** x86/x64-compatible processing unit, current design • **RAM:** 4 GB or more recommended • **USB:** USB 1.1, USB 2.0 or USB 3.0 interface is necessary for WibuKey dongle
Image formats	TIFF (single and multi), JFIF (JPG), BMP, PCX, PNG, GIF and PDF

Download the data sheet

About OpenText

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