

Hyland IDP: The Smart Document-Processing Choice



A broad diversity of paper and digital documents feed today's massive flow of enterprise content. Accurately processing those documents is critical: Errors in document recognition, classification or extraction propagate across enterprise systems and may cause costly disruption.

[Hyland Intelligent Document Processing \(IDP\)](#) uses the latest AI and machine learning advancements to minimize errors and ensure fast, accurate intake of huge quantities of documents — as many as hundreds of thousands per day. Customers who already use Hyland products will benefit from Hyland IDP's familiar, intuitive UI, plus plug-and-play integration with OnBase, Alfresco, Perceptive Content, Hyland RPA and more.

The combination of Hyland IDP and Hyland RPA yields a particularly powerful solution for document capture and efficient, automated distribution of extracted data to an almost unlimited number of enterprise systems. Both products offer low-/no-code application development, enabling users to drag-and-drop workflows together to meet the task at hand.

AI from end to end

As Hyland IDP processes paper and digital documents, it breaks them into their essential data elements using an array of intelligent technologies. Because Hyland IDP is modular, customers can either use all of its functionality or integrate it with other solutions they already have in place.

Cleanup and OCR: When paper is the source, Hyland IDP uses AI-based preprocessing to clean up marred scans on the fly for accurate capture. Then Hyland's deep-learning OCR engine kicks in to extract the text, although a third-party OCR engine can be swapped in if preferred.

Classification: The next step is correctly classifying documents. Hyland IDP has a humanlike ability to recognize document types regardless of their layout — from invoices to medical records to financial statements — by identifying standard data elements no matter the format or how the elements are arranged on the page. The software can also separate document packets into individual documents for further processing.



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Extraction: In this key phase, deep learning extracts data elements with their context intact so they can be shunted to other systems and retain their meaning. This capability extends to unstructured paper or digital documents such as handwritten notes, emails, presentations, long-form PDFs, web pages and so on. Another vital aspect of extraction is regulatory compliance: Determining which data elements (such as Social Security numbers) must immediately be secured according to law.

Validation: This is the last, essential step before data is ready for export. In certain cases, Hyland IDP may flag questionable or missing data to be checked by a human, but the goal is to minimize human intervention by automatically validating extracted data against canonical external sources or interpolating missing values on the fly. Business rules set by the user ultimately determine what constitutes validity.

healthcare, financial services, government, education, manufacturing and more.

Vertical industry expertise combined with over 30 years of specialization in content management makes Hyland the obvious choice for IDP. Hyland's deep proficiency in processing complex files, rationalizing metadata, converting formats and applying proper retention and disposition to documents is unsurpassed.

That expertise informs every aspect of Hyland IDP's AI-infused functionality. For existing Hyland customers, Hyland IDP offers an irresistible solution from multiple perspectives: Modularity, unified tech support, reduced user training and effortless integration with other Hyland products. It's the smart solution to supply quality data to your entire enterprise content management suite. ■

Smart and smarter

Machine learning enables Hyland IDP outcomes to improve over time. At the outset, intelligent document processing solutions must be trained using a combination of supervised and unsupervised learning — but Hyland IDP also continuously learns and sharpens its results in production. Training efforts can be vastly accelerated with Hyland's pretrained models for vertical industries, including

About Hyland

Hyland Software is the developer of the enterprise content management and process management software suite called OnBase. Applications of the suite are used in healthcare, financial institutions, insurance, government, higher education and manufacturing.

For more information, please visit [hyland.com](https://www.hyland.com).