IRON MOUNTAIN®

Harness the power of AI with Iron Mountain InSight Intelligent Document Processing

Quickly turn documents into information you can use while increasing productivity

Intelligent Document Processing (IDP) extracts information from stored documents, aiding analysis and automating workflows. Iron Mountain's InSight IDP platform is a low-code SaaS solution that excels at handling high volumes of structured, semi-structured, or unstructured data without the need for data science or software engineering expertise. This enables applications to classify and extract key information, automate business processes, and generate valuable insights.

Our extensive experience of over 70 years in protecting the most valuable assets of Fortune 1000 companies across a wide range of industries is built into our tools, enabling the automation of workflows tailored towards specific application needs. Offered as a managed service, or with a low-code development environment that provides all the necessary tools and libraries, IDP enables customizable, automated document processing workflows with AI experts that help optimize productivity, time, effort, and cost.

With IDP, businesses can streamline document workflow automation, enhancing efficiency and reducing manual intervention. By seamlessly integrating IDP into existing ecosystems, data flows and collaboration are optimized between different systems and teams.

Sensitive information is handled with the utmost safety and compliance throughout the document lifecycle, effortlessly scaling to handle growing document volumes, even as demands increase.

Orchestration

IDP'S intuitive drag-and-drop interface enables a seamless pathway for customized models and processors, easily streamlining AI workflows, adapting to exacting needs, and delivering highly precise outputs.

Customize and test

InSight IDP delivers a flexible environment for creating custom functionality through processors with little or no coding required.

Extract and classify

IDP's AI models possess exceptional classification and document extraction capabilities, enhanced by their immense OCR (Optical Character Recognition) capabilities for PDF and JPG datasets, delivering accurate results in up to 100 languages. By leveraging top-of-the-line models, including multimodal models, IDP immediately delivers streamlined document analysis and processing tasks with unmatched accuracy and efficiency, seamlessly integrating into existing enterprise applications.
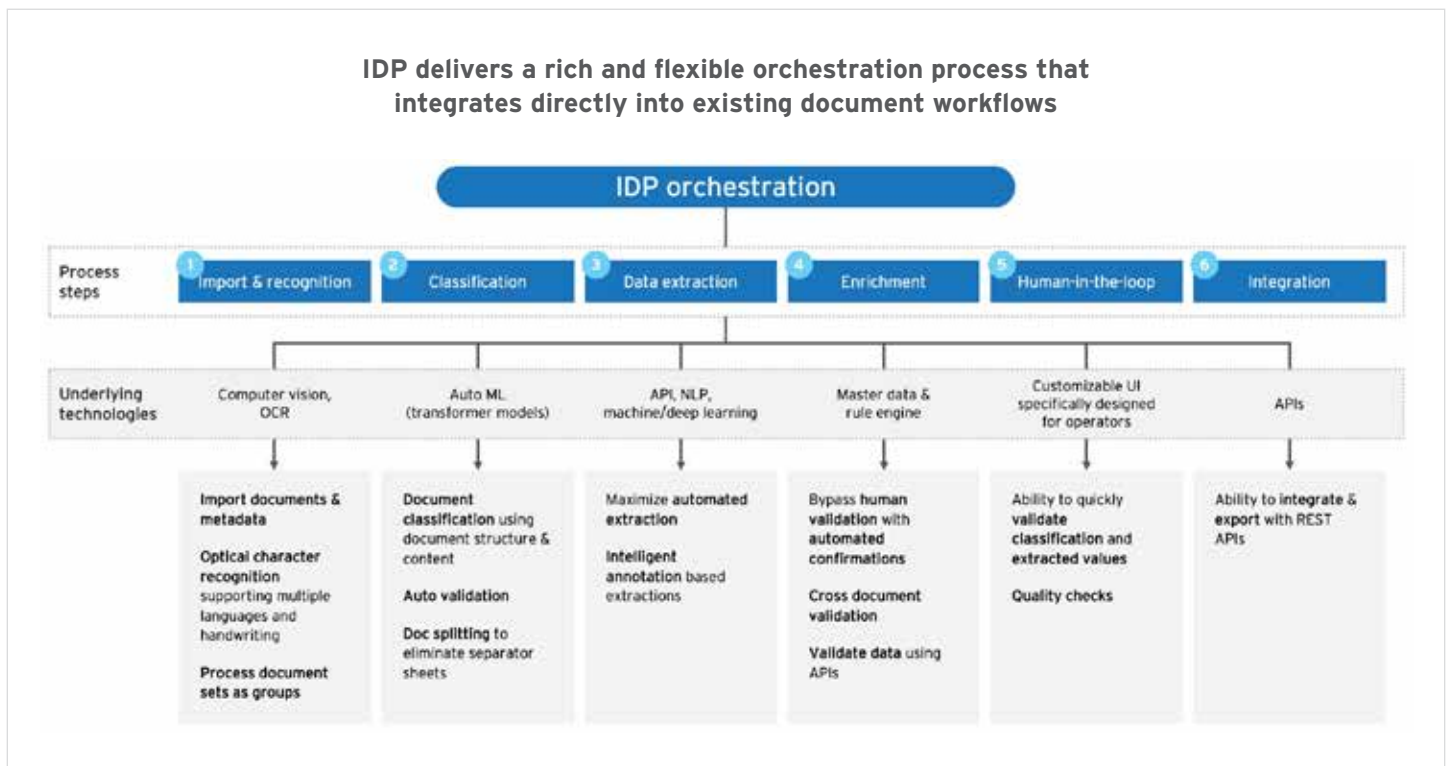
The "Try It" feature accelerates development and tuning by enabling processor testing with immediate outcome feedback. InSight IDP's automation accelerates development in your preferred IDE/language - such as Python or Java in Jupyter Notebook or Visual Studio - while allowing customization and tailoring of the processors to match specific requirements.

Validate with human in the loop

While AI can drive massive efficiencies, human intervention in the process can fine-tune accuracy and boost output. Iron Mountain InSight Human-in-the-loop (HITL) seamlessly integrates humans into the automated machine learning process to improve accuracy and ensure precise document handling.

During ingestion, InSight IDP can be customized to identify exceptions for manual review where human intervention can enhance accuracy and completeness, while also providing an auditable trail.

> Iron Mountain InSight Intelligent Document Processing (IDP) is a low-code software-as-a-service (SaaS) platform that enables the extraction and structuring of data trapped inside documents, boosting insight and productivity for existing workflows.

IDP delivers a rich and flexible orchestration process that integrates directly into existing document workflows

Feature	IDP 2.0	
OCR capabilities	**Google Cloud (on prem)** • Images: 20 MB • Docs: 500 MB; 2000 pages • Office docs: Input size: 50 MB; Converted PDF: 500 MB	**Amazon Web Services (cloud)** • Images: 10 MB • Docs: 500 MB; 3000 pages • Office docs: Input size: 50 MB; Converted PDF: 500 MB

Document support	• Structured documents like Forms, IRM tables, Mortgages, Government forms, Purchase orders, W2 forms, Driver licenses and more
	• Supported standard document formats:
	  – Image: ".png", ".jpg", ".jpeg", ".bmp"
	  – Docs: ".pdf", ".tiff", ".tif"
	  – Office docs: ".doc", ".docx", ".ppt", ".pptx", ".xls", ".xlsx", ".rtf", ".txt"
	• The IDP platform can also support any document type with custom training	

Language support	• Google Cloud Platform languages supported • Amazon Web Services languages supported	

Feature	IDP 2.0
Model training	• Model training through user data labeling • Automatic skew and slant detection and correction • Configure error threshold • Create a name field • Ability to merge or split documents • Field formatting • Import taxonomies, ontologies, tags and more • Intuitive user interface/user experience • UI-driven training of the models • Auto training of data/synthetic data generation • Field and document level validation • Validate extracted data with internal and external data • HITL for training • Display errors in extraction • Provide information about the global accuracy of the tool • Information on field-level accuracy • Number of concurrent users can work on the tool
AI/ML capabilities	• Document/email classification by document type • Input image and language-based classification • Named entity, metadata, signature and simple/complex data extraction • Image enhancement • Packaged out-of-the-box use cases with pretrained models • Document image classification • Form data extraction • Single-shot extraction (Ransac) • Doc Q&A • Composite model builder • Intelligent doc splitting • LLM- GenAI • Synthetic mock generator/ data augmentation
Workflow and integration	• Rule validation (e.g., confirm if checkbox A was checked and checkbox B was not checked) • Configurations for workflow, review and exception management • Low-code/no-code application development • Integrate with external datasets and end-to-end workflows • Custom connectors can be added - API Integration • Industry or domain-based solution • HITL • Drag and drop workflow • Run time orchestration • Batch document processing • Very large volume document processing (IDP 1.0) • Integration connectors including Kafka, GCP Bucket, S3
Deployment automation	Public cloud, Private cloud and SaaS services, On prem
Model accuracy	95% varies per model

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About Iron Mountain

Iron Mountain Incorporated (NYSE: IRM), founded in 1951, is the global leader for storage and information management services. Trusted by more than 220,000 organizations around the world, and with a real estate network of more than 85 million square feet across more than 1,400 facilities in over 50 countries, Iron Mountain stores and protects billions of information assets, including critical business information, highly sensitive data, and cultural and historical artifacts. Providing solutions that include secure storage, information management, digital transformation, secure destruction, as well as data centers, art storage and logistics, and cloud services, Iron Mountain helps organizations to lower cost and risk, comply with regulations, recover from disaster, and enable a more digital way of working. Visit www.ironmountain.com/insight for more information.