



Factsheet

mosaic agnitio

One of the fastest Intelligent Document Processing Platforms, Agnitio is a versatile AI-driven unstructured data processing platform for intelligent business process automation and knowledge mining.

[#BusinessProcessAutomation](#) [#UnstructuredData](#) [#DeepLearning](#)

Unstructured Data - A Mammoth To Deal With: 80% Of The Enterprise Content



Enterprise content is a mix of structured and unstructured data. The structured data, relatively easy to analyze, can be available as part of any business process. Technologies to store and process the structured data are quite mature, helping solve most of today's analytics requirements. But, with unstructured data, which is 80% of the enterprise content (audio, video, text, images, IOT data etc.), it is very difficult to analyze and process the same, for day-to-day decisions or usage in business processes. In enterprises, many business processes aren't completely digital and there are paper-based documents used. Additionally, newer communication channels (voice & text chats, social media, emails) used by employees & customers also add substantial unstructured data every moment.

Business Challenges In Dealing With Unstructured Data

<p>Complex Data Elements</p> <p>Depending upon LoBs, Functions & Processes, the templates and formats may have huge variations.</p>	<p>High Operational Cost</p> <p>Costly storage and manual processing, time-consuming and prone to errors.</p>	<p>Conventional Tech</p> <p>Conventional tech such as OCR that's not scalable and require niche skills for solution configuration and processing.</p>	<p>Customer Experience</p> <p>Providing seamless customer experience is a challenge when dealing with complex unstructured data.</p>
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LTI Mosaic Agnitio: Intelligent Document Processing Platform

Mosaic Agnitio is built on a foundation of Cognitive Information Mining Framework which offers versatility to handle variety of unstructured data. Information Mining solutions can be set up easily to process data at scale.

 <p>Document Processing and Automation Capabilities to ingest, process, and make the extracted data part of business workflows</p>	 <p>Human-Machine interaction capabilities to train and verify the work of digital workers.</p>
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With Agnitio, users can do away with the mundane job of processing documents and can focus more on value-added tasks and deliveries. Mosaic Agnitio leverages deep learning to process documents and extracts data from all the variety of documents such as searchable and non-searchable PDF, DOC, DOCX, XLS, XLSX, TIFF, PNG, JPG, etc.

Benefits – With Mosaic Agnitio In Action

With the capabilities to process documents and mine information from unstructured datasets, Agnitio can help in automating any business process with ease or can be leveraged for developing knowledge platforms for enterprises.



Intelligent Business Process Automation

Mosaic Agnitio can help develop data extraction solutions from the documents and images, which can be then used by Robotics Process Automation (RPA) or Business Process Automation (BPA) solutions to deliver Intelligent Automation (IA). Mosaic Agnitio offers various capabilities to integrate with RPA and BPA systems, allowing automation levers to automate the business processes with documents and images. Some of the examples of these business process are:

Accounts Payable (2/3-way matching)

Mosaic Agnitio provides a cognitive solution for automated data extraction and line-item extraction from varied formats of Invoices across vendors. This data can be fed into your ERP system and easily matched with its respective Purchase Order (PO), thus reducing manual intervention in the process.

Contact Center Automation

Mosaic Agnitio provides a cognitive advisor solution that can extract data automatically and can help query FAQ/troubleshooting information from a variety of product manuals and guides, thus transforming customer support and promoting self-service.

Insurance Submission Intake

Mosaic Agnitio provides an intelligent document processing platform that can help automate document classification and data extraction from policy documents, quotations, and binders—all while requiring minimal manual intervention.

Customer onboarding / Know Your Customer (KYC)

Mosaic Agnitio enables your Know Your Customer (KYC) process during customer on-boarding to be completely automated with an intelligent document processing solution to process personal ID cards and other customer documents as part of the KYC process.

Medical Insurance Claim Process

Mosaic Agnitio helps automate claims management—normally a manually-intensive process which requires reviewing, segregating, reading, and entering patients' insurance claims data. Automating the complete process can ensure expedited claims resolutions and establish links to older claims.

Enterprise Knowledge Platform

With the capabilities of the knowledge nuggets from documents, images, and other unstructured data, Mosaic Agnitio facilitates knowledge consumption in format of topic, sentiments, summaries from data elements such as paragraphs, sentences, clauses etc.

Intelligent Document search across Enterprise

By learning the document context, the extracted entities, clauses, and information, these can be used for searching documents that are available in any data store. An intelligent search can be enabled in the enterprise catalog or document search systems.

Financial Statement Analysis

Mosaic Agnitio provides AI-led automated document processing capabilities to mine data from financial statements—including balance sheets, income statements, and cash flows; key performance indicators (KPIs) and management and auditors commentaries with their sentiments. This can feed into the risk analysis systems to identify the early warning alerts in corporate lending process for financial services.

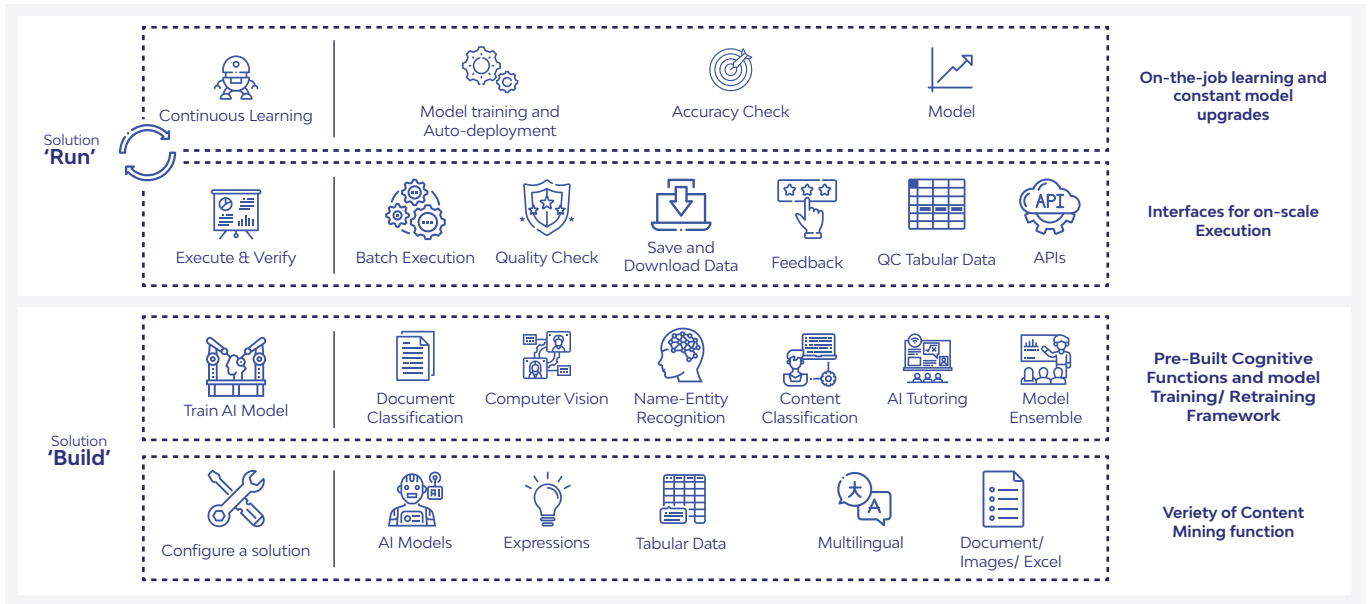
Research & Intelligence

Mosaic Agnitio can support knowledge nugget extraction for analysis of market trends, key highlights and summaries available in different sections of Market/Research reports that are valuable for strategizing sales, go-to-market and new product and services development.



Salient Features

Mosaic Agnitio is built on the foundations of Cognitive Information Mining framework, to build and run solutions of data extraction and information mining at scale, handling a variety of unstructured documents and images. Any solution for business process automation or knowledge mining can be built and run in simple steps: Solution Build and Solution Run.



Cognitive Engines Suite:

Pre-built Deep Learning and Machine Learning models to learn the changing context in the documents and apply computer vision to classify and process the documents for data extraction, knowledge mining, and document understanding.

AI Tutoring:

Tutoring interfaces for an ensemble of models training a few initial documents and images. A way to teach AI the way business users will perform the task of document processing. Document Processing Capabilities: With pre-built and integrated data connectors, documents can be ingested for initial tutoring and processing.

QC Verification and Adaptive Learning:

QC interfaces on the platform provide business users the capability of quick and easy verification of the work done by AI in document processing and help provide feedback for adaptive and continuous learning to improve over time.

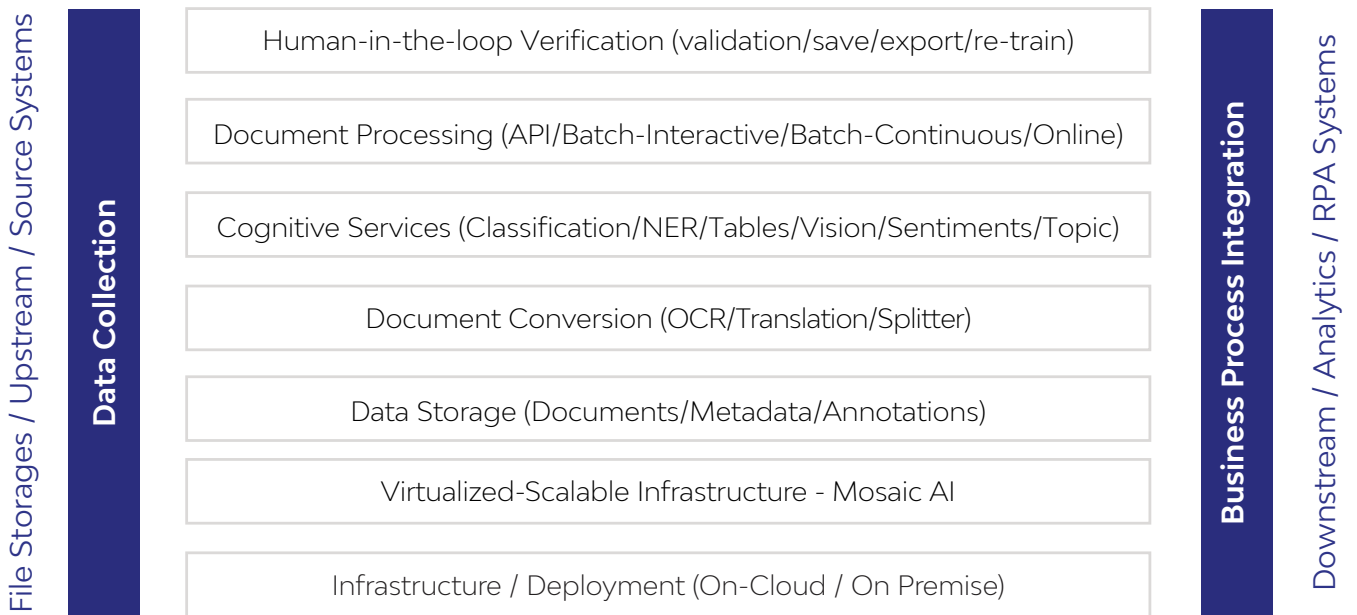
Fuzzy Matching and Tabular Data Extraction:

Available reference/master data can be used for fuzzy matching with the documents for rule-based extraction, especially helpful for less changing variety of documents. Tabular data extraction can extract tables with or without patterns.

Document Processing:

Documents can be processed in various ways - batches can be created by schedule or on-demand or with continuous processing hot-folders. Solution APIs support integration with RPAs, BPAs, and any upstream/downstream systems for process automation and knowledge consumption.

Product Architecture -



Deployment Options

Flexibly deploy on cloud or on-premises

