

From data in your documents to insights for your business decisions

Fujitsu leverages various business-specific AI technologies, including generative AI, action recognition AI, and demand forecasting, to support the creation of new services and businesses that improve daily convenience and enhance people's abilities and knowledge.

By leveraging generative AI and large language models (LLM), we provide solutions that support our customers' data-driven decision-making. We automate the extraction of information from text data, images, and audio data, which were previously inefficient due to manual processes, thereby accelerating our customers' digital transformation (DX).

Efficient extraction of information from documents enables shift to higher value-added tasks

Business operations relying on paper documents contribute to time wastage, quality degradation, and the materialization of business risks through tasks such as data transcription from paper documents, system input, and content verification.



Manual value extraction



Repetitive error-prone tasks

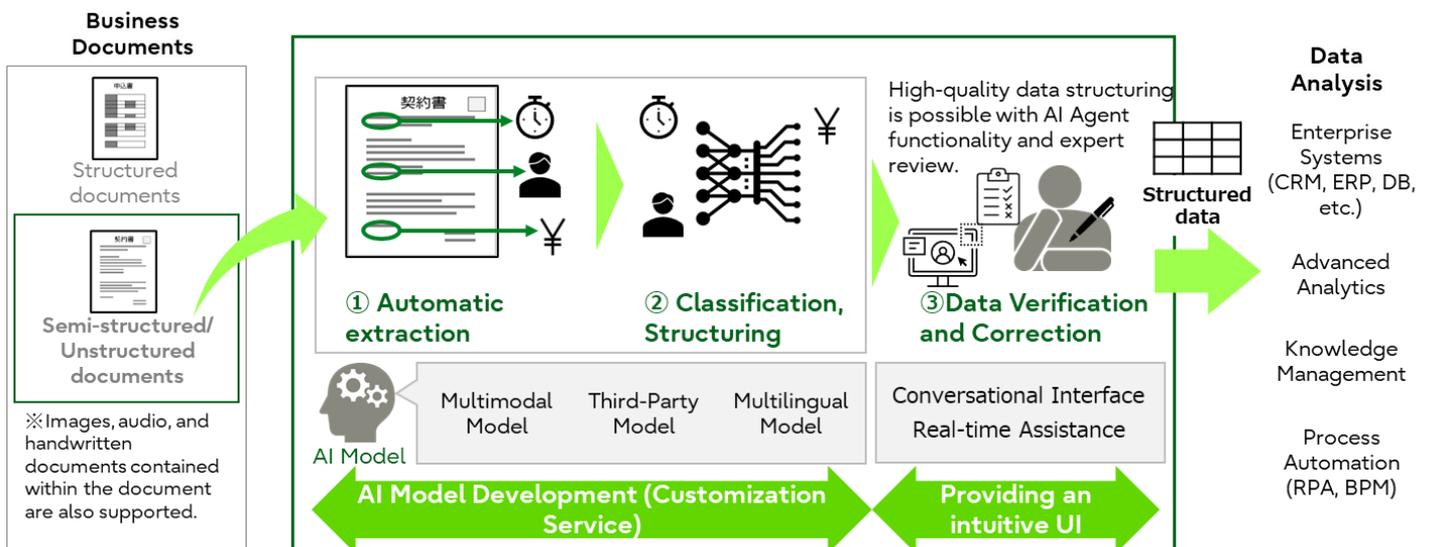


Use of high-knowledge workers



Slow and poor decisions

This solution uses a Large Language Model (LLM) to address these challenges. This automatically extracts and classifies information from unstructured documents, including emails, daily reports, meeting minutes, audio data, and handwritten documents. This automates the understanding of context, which previously required human intervention. As a result, users can efficiently read and analyze large volumes of documents. This enables users to shift their focus to more value-added tasks. An example of a value-added task is making decisions based on data extracted from documents.



Features

Descriptive Capabilities

- ◆ Automatic language detection
- ◆ Automatic layout detection
- ◆ Relationships between entities
- ◆ Automatic translation

Generative Capabilities

- ◆ Report generation
- ◆ Summary generation
- ◆ Clear Language Translation

AI Agent

- ◆ Specialized agents

Key Benefits



Effective Extraction of Unstructured Information

AI-powered models can analyze unstructured text within documents, such as emails, contracts, or reports, and extract relevant information accurately.



Contextual Understanding

It allows you to understand the context and semantics in unstructured text. This allows companies to gain deeper insights, which helps them make better-informed decisions



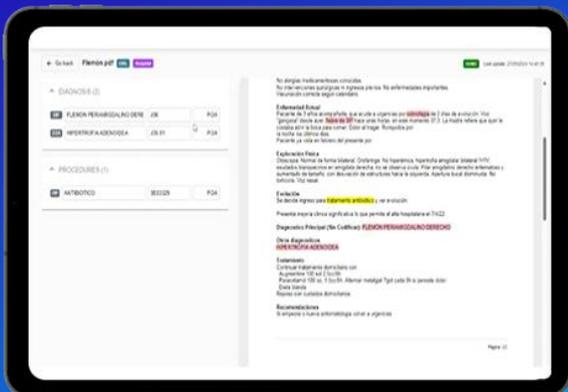
Agentic AI

Includes multimodal, multipurpose, and multilingual generative AI models and large language models (LLMs) that form complex expert agents, enabling the orchestration of solutions for intricate tasks

Examples

Clinical Coder

Automatically assign accurate medical codes from clinical text



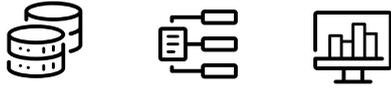
for Legal Document

Automatically identify different layouts and understand and classify all relevant information present in a document



Use Case

Intelligent Due Diligence Analysis

Challenge	<ul style="list-style-type: none">• The leading Data aggregators on financial and business information in Spain and Europe available different data sources: financial information of companies in the census (annual reports), publications in BORME, auditor´s reports, lawsuits and defaults...• The data aggregators needs to generate a "reliable financial health score" based on advanced AI technologies which can be self-explainable	Before  <p>Financial statements, Real estate lease agreements, etc.</p> <p>✓ Time loss ✓ Quality degradation</p>
Solution	<ul style="list-style-type: none">• The solution improved the efficiency in the analysis of real estate contracts during Due Diligence processes.• This was possible thanks to the automatic recognition of relevant entities and the identification and classification of main clauses. Validation process through a single user interface empowered layers to validate and correct the output of the automated process.	After  <p>Financial statements, Real estate lease agreements, etc.</p>
Results	<ul style="list-style-type: none">• It provides 80% effectiveness in clauses identification and entity recognition.• It improves efficiency in document classification and analysis, leading to a substantial time reduction.• It provides automation in contract clauses identification resulted in time reduction that enable lawyer to have time to more value-added tasks.	 <p>Classification Extraction Visualization</p> <p>✓ Reducing Work Time ✓ Utilizing Time for Value-Added Operations</p>



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