PLANET

Preview: AI Assistants for Document-based Processes

Based on the Luna Technology Platform

Document-based processes often include repetitive, inefficient tasks. AI assistants aim to support humans by taking over these error-prone activities. However, pure LLM-based chatbots tend to generate hallucinations and cannot provide explainable, trustworthy results.

Luna serves as the logical extension to IDA **and delivers trustworthy and explainable results by leveraging expertise and teamwork.** AI Assistants based on Luna can assist clerks in repetitive single document processing but also enrich high-throughput document automation processes when combined with the IDA suite.

WHAT MAKES AI ASSISTANTS BASED ON LUNA UNIQUE?

Trustworthy and explainable AI, providing document references and reasons for decisions

Option for on-premises and private cloud deployment for the highest compliance and security

Vertical specialists and use-case specific solutions
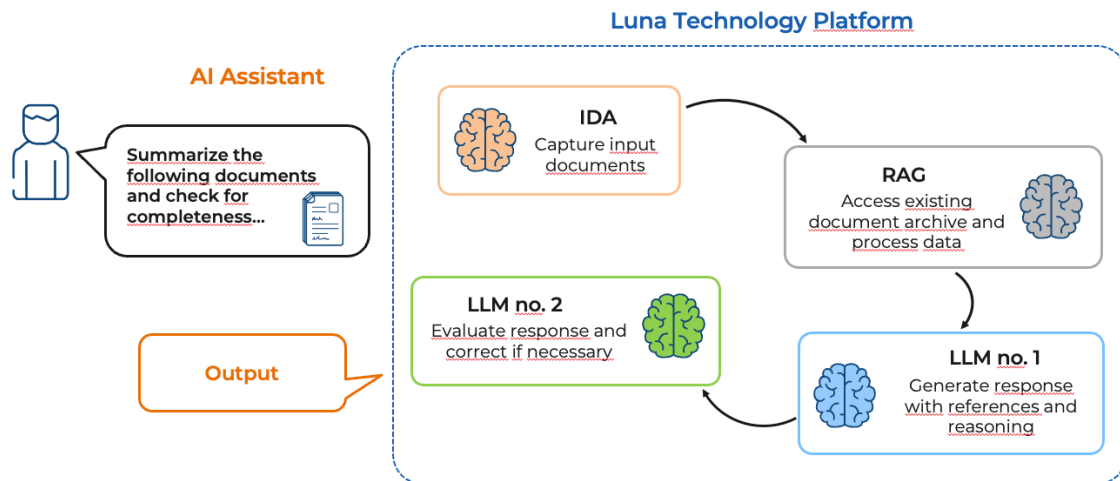
THE BENEFITS

Enhance overall output quality of document processes with a dual control system (human and AI).

Drastically increase efficiency and relieve employees from tedious tasks – addressing labor shortages and boosting employee satisfaction.

HOW IT WORKS

Multiple AI models collaborate to break down tasks into smaller steps, access external data sources, and assess each other's results.

- AI Assistants utilize a **conversational interface and Large Language Models (LLM)** to e.g. summarize documents in a table format.
- Backed by **Retrieval-Augmented Generation (RAG)**, AI Assistants use organizational knowledge, e.g. document archives, process descriptions, or legal provisions.
- By employing **agents**, AI Assistants provide trustworthy and explainable results such as by referencing specific text passages connected to a decision or evaluation
- **Common output formats** are supported for easy integration into existing workflows, e.g. Microsoft Excel files.

USE CASES

Tender Management

Transform your tender management with the Tender AI Assistant, designed to tackle these main challenges:

- For **government agencies**: Say goodbye to the manual work of screening applications or generating new tenders for hours.
- For **enterprises**: Eliminate the need to manually fill out endless Excel sheets to summarize tenders and evaluate potential bidding success.

Request and Application Processing

Streamline request and application management in government agencies with the Application AI Assistant. Manual document processing, involving tasks such as completeness checks and decision-making, is both time-consuming and prone to errors. The AI Assistant is designed to overcome these challenges by autonomously evaluating application documents.

PLANET AI is a research-driven company that develops AI applications with human-inspired cognitive capabilities, enabling customers to unlock and process information from unstructured documents, automate data capture, and achieve the most accurate results.