

TEKDocs

In today's data-driven world, unstructured data constitutes a significant portion of a company's information landscape. Emails, documents, presentations, and sensor data often remain untapped due to their complexity. However, unlocking this data can lead to substantial operational improvements and valuable insights for better decision-making.

Around 80% of a company's data is thought to be unstructured, underscoring the importance of advanced technologies such as Generative AI and Azure OpenAI. These tools are invaluable in harnessing unstructured data, empowering staff to make informed decisions and elevate customer service quality.



We believe that unstructured data holds a wealth of untapped information and knowledge for organisations. Research reports, sales proposals, strategies, and other documents contain valuable institutional knowledge that often gets lost as people leave. There is probably more information and knowledge locked up in your unstructured data than there is in your formal databases or ERP and CRM. Our application enables users to quickly ask questions and receive curated answers from your corporate knowledge, not just a list of documents to read as a search result would.

Introducing TEKDocs

Our Azure-based Software as a Service (SaaS) solution, TEKDocs, bridges the gap between unstructured data and actionable insights. Here's how it works:



1. Corporate Knowledge Interaction:

Users can directly engage with your organization's corporate knowledge, currently buried in unstructured documents, through a Natural Language Chat UI application. Accessible via any web browser, this solution empowers your team to extract relevant information effortlessly.



2. Leveraging Azure Cognitive AI Service:

- **Azure OpenAI:** Our solution harnesses the power of artificial intelligence to create natural language applications. It understands and generates text, making interactions seamless.
- **Azure Cognitive Search:** This cloud-based AI Search service allows you to build rich search experiences over your data. The results are presented as curated and summarised answers, streamlining information retrieval.



3. Precision and Control:

- We fine-tune the AI behaviour to respond solely based on information within your documents (no reliance on internet content).
- Our system avoids creative text generation that might lead to incorrect answers.

Key Features and Benefits



TIME SAVING

Traditional search will just present you with a list of documents, which you then have to open, read, find the relevant parts (if any), and mentally merge the relevant content from separate sources. All that takes time and effort.

Our software goes beyond basic document retrieval. It analyses your documents, extracts key information, and provides valuable insights and information in a collated response that answers your question with a response that blends the relevant content from multiple sources into a single coherent answer.



SEAMLESS INTEGRATION

Your documents are searched for content that relates to the topic of your question. Traditional search looks for keywords whereas we search for relevance and meaning, not just shared keywords.



CONVERSATIONAL INTERFACE

We provide a conversational interface that feels familiar and intuitive. You can ask questions, make requests, and provide instructions using everyday language, without having to navigate complex menus or commands. Our advanced natural language processing capabilities allow our software to understand the context of your queries. It can comprehend complex questions, handle follow-up inquiries, and provide accurate responses, ensuring that you get the information you need, even in a dynamic conversation.



BEYOND SEARCH

Our solution can stand-alone or seamlessly integrates with your existing line of business systems ensuring your institutional knowledge is accessible at all times.



Deployment and Integration

TEKenable provisions the TEKDocs solution within a standalone Azure Subscription. We deploy the Azure OpenAI Landing Zone, integrating a variety of services seamlessly.

Unlock the hidden potential of your unstructured data with TEKDocs. Empower your team, enhance decision-making, and revolutionise how you access critical information.