



Data & AI
Azure

eryl

Affine's Document Retrieval and Summarization
Workbench powered by Azure OpenAI

<https://affine.ai/>

About Eryl

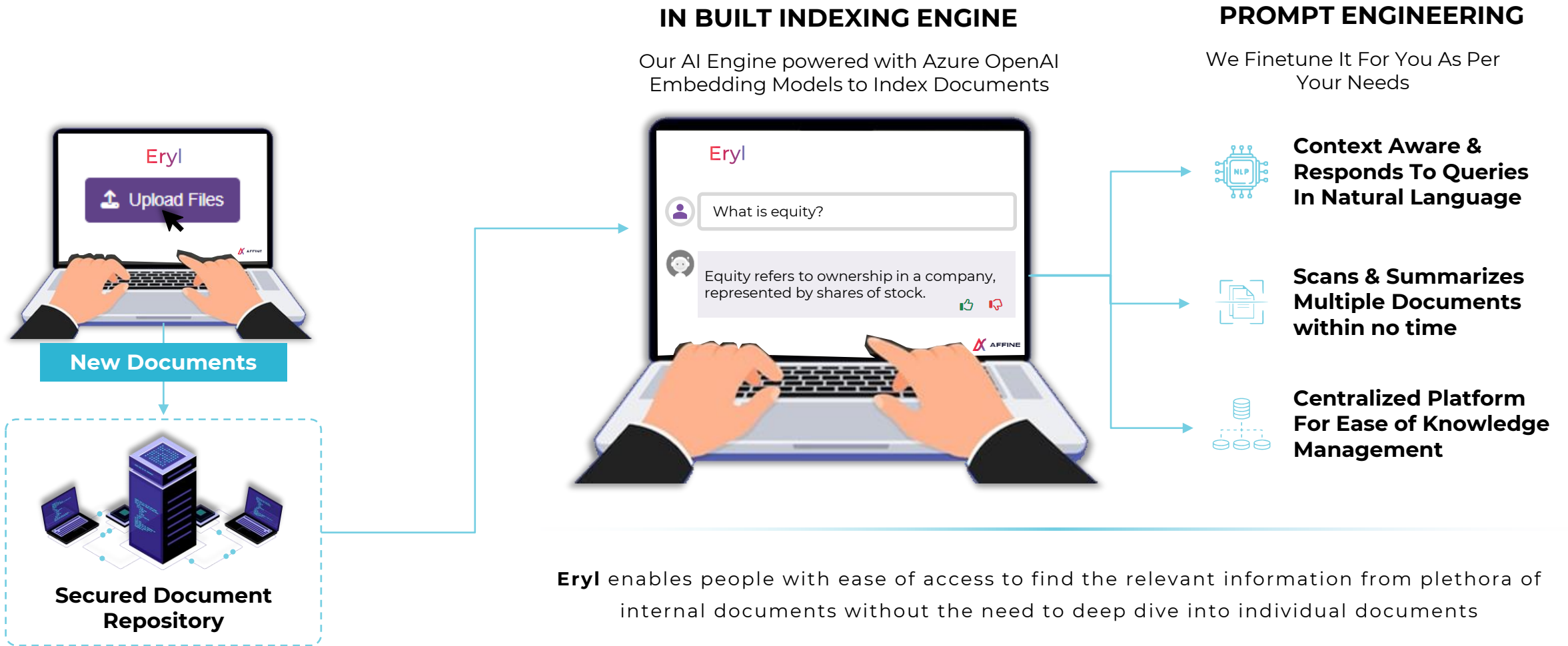
- A ready to use QnA Bot Platform For Your Own Documents that streamlines the process of search, retrieval & summarization of documents & provides concise yet accurate responses to queries

Eryl is

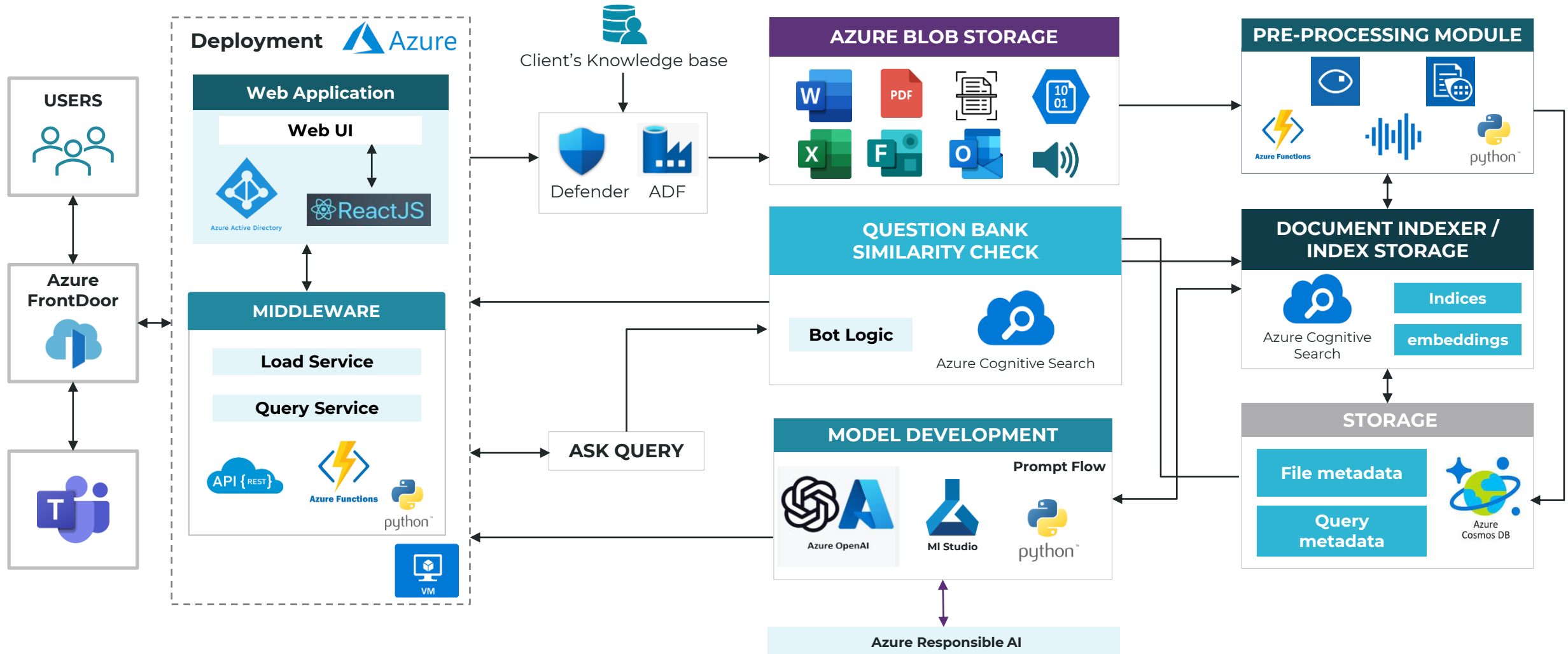
- Secured
- Extremely Lightweight Application
- Run on Client's existing Azure tenant
- Customizable to meet Client's business requirements



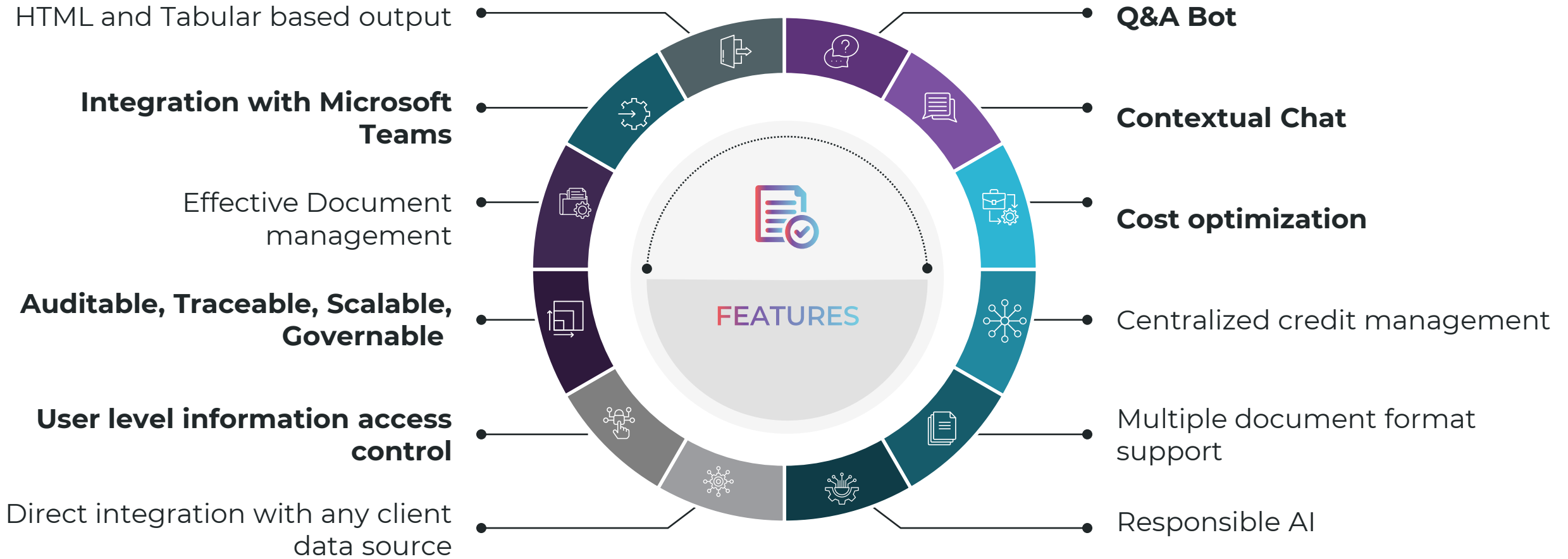
How Eryl works?



Eryl - Technical Architecture



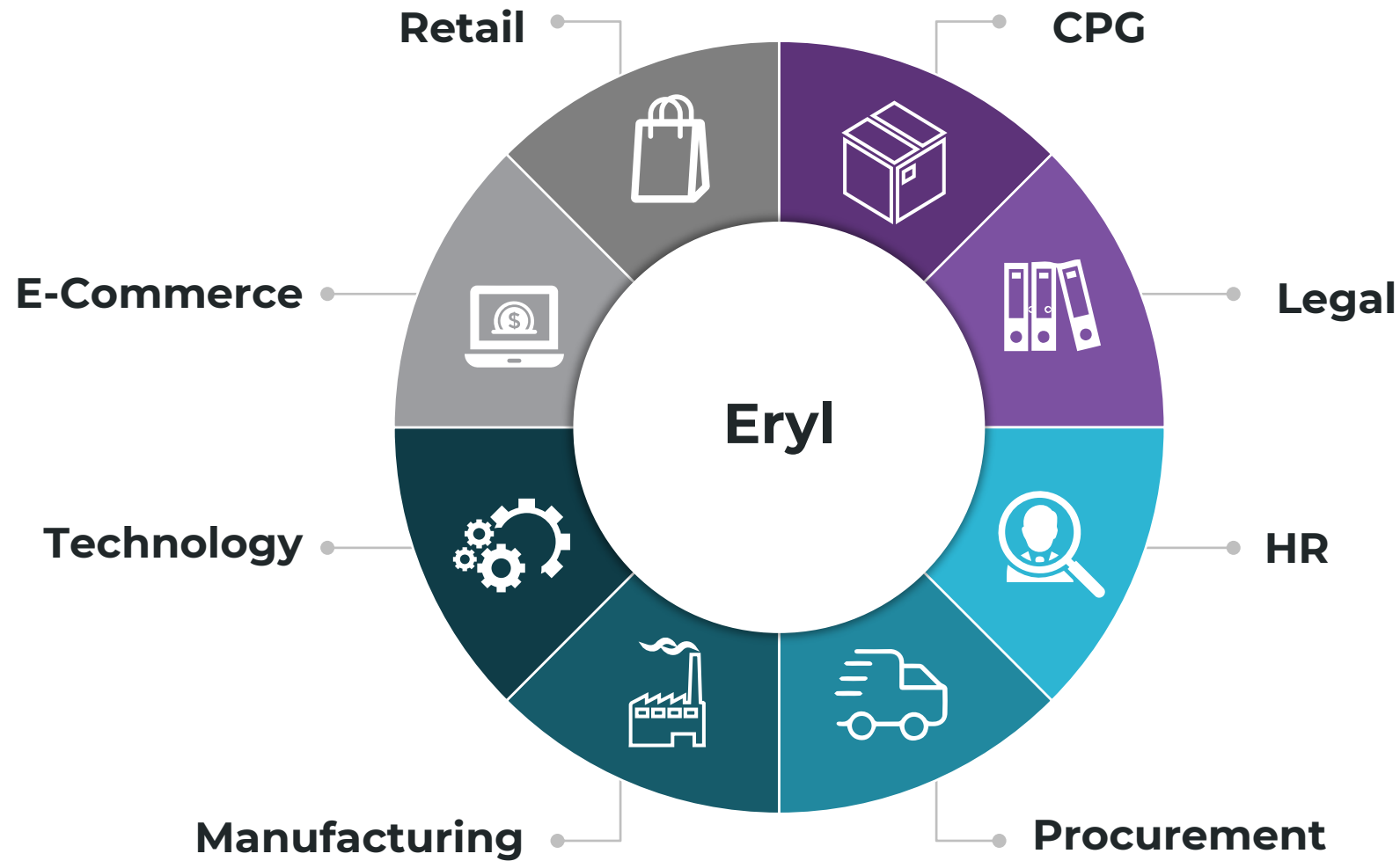
Eryl Features



Eryl - Azure Tech Stack

AZURE SERVICE	USED FOR
Azure Frontdoor	Used as WAF to block malicious requests and attacks
Azure VM	Used for deploying the UI and Middleware application
Azure Active directory	Used for Authentication, Authorization and user management
Azure Defender	Used for scanning all the documents being ingested
Azure Data Factory	Used for building and managing data ingestion pipelines
Azure Blob	Used as centralized data store
Azure Cognitive Search	Used for saving embeddings and retrieving chunks while querying
CosmosDB	Used for saving the metadata of uploaded files and queries
Azure ML Studio	A collaborative platform used to build and deploy ML solutions
Azure AI Vision	Used to analyze content from images and videos
Azure AI Document Intelligence	Used for extracting data from documents
Azure AI Speech	Used for speech to text capabilities
Azure Functions	Used for triggering indexes for new files in Blob storage

Applicable Industries



Eryl Use Cases



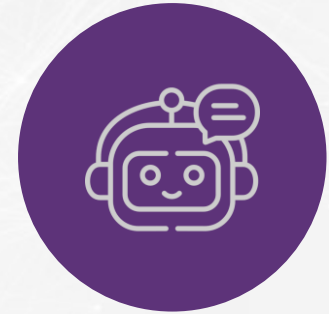
Content Generation



Summary/MoM



**Content/Document
Tagging**



Chat Bot



QA Bot



Sentiment analysis



Topic Modelling



Caption Generation

Eryl Business Benefits

INCREASED PRODUCTIVITY

Eryl reduces the time spent on manual document searches, enabling employees to access information swiftly and make informed decisions.

CENTRALIZED KNOWLEDGE MANAGEMENT

Eryl provides a centralized platform for document management, ensuring easy access to trusted and relevant information.



ENHANCED SCALABILITY

Eryl can handle multiple queries simultaneously, allowing organizations to scale their document retrieval processes.

IMPROVED DECISION-MAKING

By delivering accurate and concise document summaries, Eryl empowers organizations to make informed decisions efficiently.

THANK YOU



<https://affine.ai/>

