

What is GeneXus Enterprise AI?

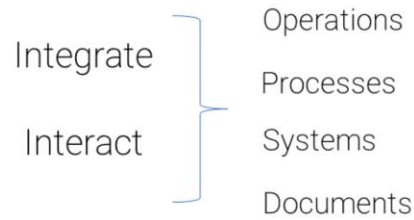


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GeneXus Enterprise AI is an enterprise platform designed to facilitate the implementation of artificial intelligence assistants adapted to different needs.

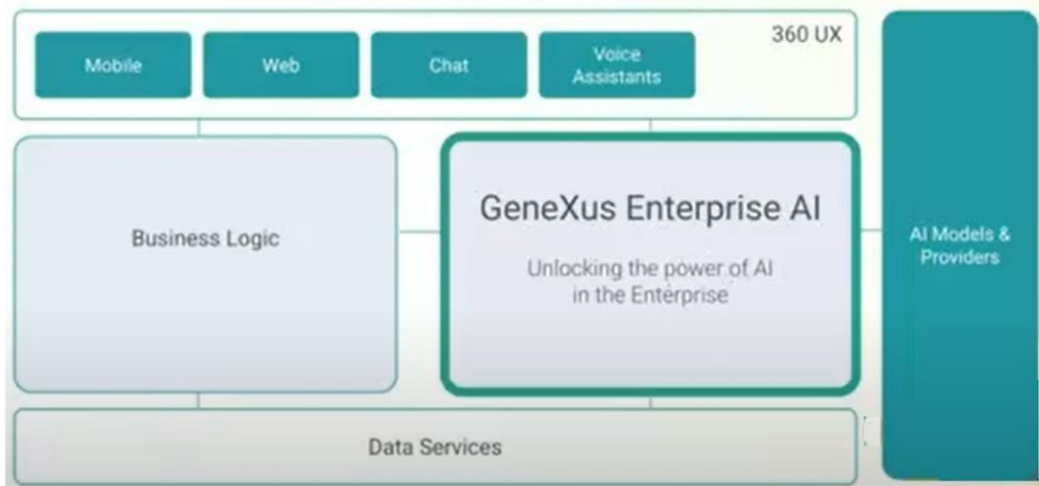
GeneXus Enterprise AI

AI - Assistants



It is possible to create artificial intelligence assistants that can integrate and interact with operations, processes, systems and documents, thus increasing productivity.

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We have previously discussed the concept of Large Language Model.

Why is this concept important? Because one of the great benefits of GeneXus Enterprise AI is the ability to select an LLM and then switch to another without changing its definitions.

Therefore, this platform acts as a secure bridge –a middleware– that connects enterprise applications with LLMs, while providing a variety of tools and features to drive productivity and innovation.

Since it is an intermediate layer, anyone working with it is protected because the data will not be made public or used by LLMs for training these models.

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Monitor access to LLMs through customized authentication and authorization protocols.

Provide a Web interface with a look and feel that is familiar to LLM users branded and managed by your organization.

Supervise the costs and interactions associated with each LLM for streamlined analysis and control.

To facilitate the integration of LLMs into your workflow, GeneXus Enterprise AI provides features that:

- Monitor access to LLMs through customized authentication and authorization protocols.
- Provide a web interface with a look and feel that is familiar to LLM users and is branded and managed by your organization.
- It also allows you to monitor the costs and interactions associated with each LLM for streamlined analysis and control.

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Automatically generate APIs and version the assistants and prompts you create using the Prompt Editor.

Optimize your AI exploration by effortlessly switching between different LLMs.

Reduce dependency between the AI applications you develop and their underlying LLMs.

Leverage pre-built AI functions, like 'Chat with your Documents' and 'Chat with your Data,' to accelerate your AI adoption journey.

Offer a frontend that allows you to have your own private chat securely with the different LLMs

In addition, with GeneXus Enterprise AI, those looking to integrate artificial intelligence capabilities into their custom corporate software can:

- Automatically generate APIs and versions of the assistants and messages you create using the Message Editor.
- Optimize your artificial intelligence exploration by effortlessly switching between different LLMs.
- Reduce the dependency between the AI applications you develop and their underlying LLMs.
- Leverage pre-built AI features, such as "Chat with your documents" and "Chat with your data", to accelerate your AI adoption process.
- It also offers a frontend so that you have your own secure private chat with the different LLMs.

Non-functional characteristics

- Observability
- Maintainability, future proofing
- Security
- Scalability

These AI applications require a set of functional and non-functional characteristics that are essential for enterprise applications.

Which non-functional characteristics are we talking about?

- **Observability:** It is critical to understand the information lifecycle and to measure various business indicators regarding the use and costs of the Artificial Intelligence models being used.
- **Maintainability and future-proofing:** Can companies keep pace with the rapid evolution of artificial intelligence models? GeneXus Enterprise AI enables interfaces to be independent from the models it accesses. In this way, it allows agents to evolve with a business perspective that is independent from the evolution of the underlying artificial intelligence models.
- We also talk about **security:** GeneXus Enterprise AI provides everything necessary to achieve control over what happens to data within the enterprise, ensuring that this data travels securely and complies with the rules imposed by the business.
- In addition, we talk about **scalability:** Having an infrastructure designed for secure and scalable communication with the models is critical when implementing products. GeneXus Enterprise AI ensures that scalability issues can be addressed if the business is successful.

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Functional characteristics

- Frontend with a friendly interface with different LLMs
- ✓ Rest API to automate back office tasks and run defined assistants
- Organization management
- Project management
- Proxy API
- Supported LLM models
- Authentication and authorization module
- LLMs Marketplace

In terms of functional characteristics, we find:

- A Frontend with a friendly interface for a private and secure dialog with different LLMs.
- A Rest API to automate back-office tasks and run the defined assistants.
- Organization Management
- Project Management
- Proxy APIs
- The supported LLMs models.
- An authentication and authorization module.
- A Marketplace for LLMs.

OK. After this general overview of GeneXus Enterprise AI, next we will look at key aspects of organizational management.

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