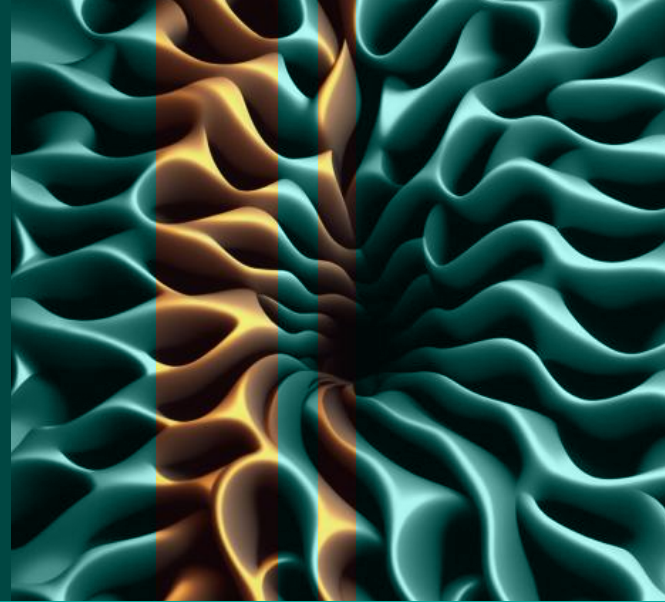


Improving Quality Assurance Productivity with Gen-AI

Discover how a prominent company in the meat processing industry adopted AI to streamline the information flow in this key area.



Problem

To obtain information on quality issues, operators had to either search through a large number of documents produced by quality experts or contact them directly. This process was not only unproductive but also consumed valuable time for the experts.

Objective

To implement AI to automate information searches and improve its accessibility in order to give operators more autonomy when consulting quality assurance documentation.

Challenge

Achieving good synchronization with the client's technical area to complete a deployment tailored to their requirements. It was also important to ensure the solution had a robust prompt mechanism to understand the context and generate accurate responses.

Solution

We leveraged **GeneXus Enterprise AI** to develop an **AI assistant integrated into the quality document repository** that allows operators to make semantic queries and **receive immediate, accurate, and reliable answers** based on the large amount of knowledge that the client had put into the documents.

This assistant can understand natural language queries and semantically search the document for the most appropriate answer in each case.

Developing this AI solution with GeneXus Enterprise AI ensured:

- **A significant acceleration** of implementation times.
- **Data security and privacy** in handling and processing.
- **Efficiency and accuracy** in processing vast amounts of documentation without compromising performance, allowing for seamless scalability and updates to the document base.

Results

Our platform **gave the client the assurance it needed to apply AI to its internal documents for the first time**, with its adoption representing an innovative technological approach in the meat processing industry. The development process has been extremely positive, with the first implementation obtaining a **satisfaction rate of over 90%**.

GeneXus Enterprise AI accelerated the development of a solution that will not only **give operators greater autonomy and agility** in their search for information, but will also **improve productivity in the quality assurance area** by democratizing access to information in an intelligent and adaptable way for the entire company.



Shape your AI journey

Get in touch