Revolutionizing The Conversation with Digital Humans

Challenge

In today's fast-paced, global environment, agencies struggle to provide personalized and easy to access experiences to their diverse stakeholders. Traditional digital interfaces are often impersonal, inefficient, and limited in their ability to rapidly gather information, process it, and respond to individual needs quickly .

Solution

GAI has partnered with UneeQ on a cutting-edge solution for secure, lifelike digital humans that can seamlessly leverage any large language model (LLM). This innovative technology enables real-time translation in asking questions in natural language, fostering more effective, communication and collaboration.

Benefits

Scalability and Accessibility:
24/7 operation, available in over 100 languages, and integrable with various platforms.

Breaking Down Language Barriers:
Real-time translation enables seamless communication between individuals who speak different languages.

Cultural and Regional Understanding:
Designed to understand cultural nuances and regional dialects, facilitating more effective communication.

Doesn't Require Human Interaction:
Quickly and accurately retrieves information without human interaction, leveraging internal database and trained data.

Empathy and De-escalations:
Designed to be empathetic and help de-escalate tense situations.

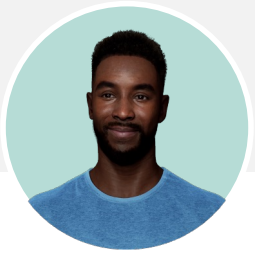
User-Friendly Interface:
No technical training required, with a natural and intuitive interaction.

How it Works

The Digital Human Platform leverages advanced AI technology to enable natural language understanding and real-time responses. Here's a breakdown of the process:

1. **Speech-to-Text Conversation:** Receives voice, text or video input in multiple languages.
2. **Text Analysis:** Analyzes converted text for accuracy and brand safety compliance.
3. **Synthesizing Speech:** Creates lifelike animation with lip sync and gestures.
4. **Orchestration:** Integrates with a RAG (Reasoning and Generation) tuned LLM (Large Language Model), company data, and platforms for contextual responses.
5. **Real-Time Response:** Using Conversational AI, it streams final response back to the user within 1-2 seconds.

The Digital Human Platform enables lifelike interactions that simulate human-like conversations, revolutionizing customer experiences.



Digital Human Use Cases:

How can a Digital Human make an impact?

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Citizen Engagement Platform
A digital human can engage with citizens, providing information on government services, programs, and policies, while also collecting feedback and sentiment analysis.

Employee Onboarding & Training Concierge
A digital human can guide new employees through the onboarding process, providing information on company policies, benefits, and job responsibilities.

Disaster Response Report
A digital human can provide critical information and support to individuals affected by natural disasters, such as emergency services contact information, shelter locations, and relief resources.

Compliance Training Coach
A digital human can lead employees through compliance training modules, ensuring they understand company policies and regulatory requirements.

IT Support Specialist
A digital human specialist resolves technical issues for employees within an organization by providing instant support for hardware/software problems.

Healthcare Concierge
A digital human avatar serves as a healthcare concierge for patients, providing personalized guidance on medical procedures, treatment options, and wellness programs.

Joint Operations Support
A digital human avatar provides real-time language translation assistance in many languages to support joint operations.

Taxpayer Assistance
A digital human can assist taxpayers with filing taxes, answering questions about tax laws and regulations, and providing guidance on tax credits and deductions.

GAI at a Glance

Government Acquisitions, Inc. (GAI) is a leader in providing practical, end-to-end IT solutions to the federal government focusing on Artificial Intelligence, Automation, Analytics, Cybersecurity, and the Infrastructure to support every step of the way.

Backed by over 30 years' experience, GAI's team members work side-by-side with your agency and our IT partners to modernize, optimize, and deliver unparalleled mission support. #GAIisAI

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