TECH OFFER

Tailor-Made Vertical AI-driven Platform: Enhancing Corporate Decision-Making and Operational Efficiency

KEY INFORMATION

TECHNOLOGY CATEGORY:

Infocomm - Artificial Intelligence

TECHNOLOGY READINESS LEVEL (TRL): **TRL8**

COUNTRY: **CHINA**

ID NUMBER: **TO175091**

OVERVIEW

With the recent trend of digital transformation in government and corporate sectors, there is a specific focus on creating solutions that utilize AI to enhance decision-making, streamline operations, and foster interaction across various platforms. The challenge however involves leveraging private data to train AI models that are not only efficient but also secure and capable of handling complex, industry-specific tasks, thereby promoting operational efficacy and strategic growth.

This technology utilizes an advanced AI-driven platform, designed to facilitate digital transformation and provide intelligent content creation with resource optimization services through the processing, analysis, and application of multimodal data to meet the needs of specific industries. It capitalizes on private data to train specific AI models, enhancing decision-making capabilities and operational efficiency. The platform encompasses AI digital humans, intelligent terminals, and targeted AI management systems, aiming to streamline interactions and manage diverse tasks across various industries with a focus on customized, real-time solutions. This approach promises a significant boost in productivity and operational effectiveness through data-driven insights and AI integration.

TECHNOLOGY FEATURES & SPECIFICATIONS

The technology consists of four key components: AI digital human cloud platform, embodied intelligent terminals, target AI management, and an industry-specific digital brain. It utilizes private data to train vertical AI models, ensuring enhanced data-driven decision-making and operational efficiency. The system features multi-system collaborative integration, enhanced intention understanding, and private data learning. It also integrates behavior-based learning and embodied intelligence, which continuously evolve to meet complex, real-time business needs across various sectors. Other features include:

1. Private data learning
2. Enhanced intention understanding
3. Behavior-based learning
4. Continuous building of embodied intelligence
5. Multi-system collaborative integration

POTENTIAL APPLICATIONS

The technology has diverse potential applications across different sectors:

1. Government and Corporate Digitalization: Enhances decision-making and efficiency through AI-driven data analysis and management solutions.
2. Healthcare and Education: Implements AI digital humans to interact and provide specialized information and services.
3. Customer Service: Uses AI digital humans for real-time customer support across various industries.
4. Human Resources: Automates and optimizes recruitment, training, and performance evaluations with AI insights.
5. Marketing and Sales: Employs intelligent systems to manage customer relationships and optimize marketing strategies.
6. Manufacturing and Logistics: Facilitates smart factories and supply chains through predictive analytics and real-time monitoring.

UNIQUE VALUE PROPOSITION

The unique value proposition of this technology lies in its integration of AI with specific vertical models tailored to different industries, enabling a higher level of customization and precision in data processing and decision-making. Key benefits include:

1. Enhanced Data Privacy: Utilizes private data learning, ensuring secure data handling and customized AI training without compromising confidentiality.
2. Improved Decision Making: Leverages decision intelligence and cognitive intelligence to provide real-time, data-driven insights that enhance operational decisions.
3. Seamless Integration: Offers multi-system collaborative integration, allowing for easy adoption within existing IT infrastructures and processes, reducing the complexity and cost of technology deployment.
4. Continuous Innovation: Features continuous building of embodied intelligence, enabling adaptive and evolving AI capabilities that keep pace with industry changes and demands.