



Solution brief

Build a foundation for AI transformation

Cloud AI Foundation

Highlights

Robust, adaptable architecture to support on-premises and multi-cloud environments, advanced data ingestion, AI model training and a strong AI security framework

Integration of structured and unstructured data through leading services like Azure Data Factory for simplified data engineering

Flexibility and scalability with support for generative AI models like Google's Gemini, OpenAI's GPT and open-source models such as Mistral and BERT

Tailored AI model development using best-in-class AI tools

Governance, security and compliance with AI firewalls and ethical AI guardrails

Organizations require scalable, secure and efficient AI infrastructure to process vast data volumes, build and deploy AI models and ensure governance and transparency.

The Cloud AI Foundation solution is a crucial enabler, providing a powerful technological foundation for organizations. The solution offers advanced data ingestion and preparation capabilities to unify structured and unstructured data, creating a continuous flow of high-quality information. The solution supports leading generative AI models, including Google's Gemini, OpenAI's GPT, Mistral 7B, Amazon Titan in Bedrock, Zephyr and BERT, and robust development tools. Together, they let you customize AI solutions to meet specific needs.

Integrating seamlessly with multi-cloud environments, it accelerates AI adoption, enhances operational efficiency and ensures ethical and compliant AI practices. Organizations can improve agility and focus on strategic initiatives while maintaining high standards of security and compliance.

Accelerate AI integration



Cloud AI Foundation leverages Unisys Intelligence Accelerator, an adaptable AI technology that embeds AI seamlessly into existing business systems and core operations.

Establish a scalable and secure AI infrastructure

The Cloud AI Foundation solution delivers the essential infrastructure building blocks: secure multi-cloud deployment, advanced data processing capabilities and comprehensive AI governance frameworks. This technical foundation enables you to develop, protect and scale your AI initiatives with confidence.

How you benefit

- **Scalable AI infrastructure:** Develop and deploy AI models seamlessly across multi-cloud environments. This lets you scale your AI initiatives effortlessly while maximizing performance and efficiency.
- **Advanced data processing:** Integrate structured and unstructured data efficiently using advanced data ingestion tools. This ensures a continuous flow of high-quality data for insightful AI analytics and decision-making.
- **AI model flexibility:** Benefit from the solution's compatibility with leading generative AI models. This allows you to tailor your approach to specific business needs and drive innovation with the latest AI advancements.
- **Secure and compliant governance:** Implement a solution with strong AI governance, ethical guardrails and AI firewall. You can protect data and models while meeting compliance requirements and ensuring transparent, responsible AI usage.
- **Accelerated AI adoption:** Adopt AI more quickly because of simplified data engineering and AI operations. This also makes improving operational efficiency and achieving strategic business outcomes easier.

Maximize AI potential with Cloud AI solutions

Unisys' integrated Cloud AI solutions work together to deliver comprehensive AI capabilities. Explore how these solutions can accelerate your AI journey:

- **Cloud AI Foundation:** Build secure, scalable infrastructure for AI implementation.
- **Cloud AI Enablement:** Integrate AI into workflows to drive operational efficiency.
- **Cloud AI Customer Experience:** Transform customer engagement with personalized interactions.



Deploy AI that matches your ambition

Cloud AI Foundation creates an AI-ready infrastructure designed for meaningful impact and long-term success.

Why Unisys?

Unisys combines proven innovation with industry expertise to deliver high-performance AI solutions worldwide. Our consistent delivery methods and flexible, vendor-agnostic framework help your AI initiatives adapt while accelerating time to market. We bring a decade of successful AI deployments that deliver measurable ROI through reduced costs and enhanced performance across industries and technologies. Partner with Unisys to build secure, scalable AI solutions that maximize AI's potential in your workplace while upholding ethical guidelines and advancing your strategic vision.

To explore how Cloud AI Foundation cuts down on the complexity of implementing and managing AI, visit us [online](#) or [contact us](#) today.



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