Supercharge your workforce productivity with baioniq

Quantiphi's enterprise-ready generative AI platform powered by AWS

Generative artificial intelligence (AI) is set to revolutionize processes across various industries, fundamentally transforming how organizations operate. Embracing this cutting-edge technology enables businesses to significantly enhance productivity, reduce costs, and elevate the quality of customer interactions.

Yet, organizations face hurdles when adopting generative AI, like a lack of technical know-how for training complex models, integrating with existing technology, handling risks from inaccurate results, and ensuring data privacy.

Today, enterprises need an easy, scalable, and lasting way to add generative AI to their existing workflows. baioniq makes it feasible, both from a technical and business perspective, to responsibly implement generative AI for specific purposes.

About baioniq | baioniq

baioniq is Quantiphi's enterprise-ready generative AI platform that empowers organizations to supercharge the productivity of their knowledge workers and adopt generative AI to unique tasks within their industry.

It takes a modular approach, allowing enterprises to create flexible generative AI applications, tailor them to specific industries, and speed up solution development.

baioniq's modules include:

- **Qompositor:** Gathers data, extracts embeddings, and stores them in a vector database.

- **Neqsus:** Provides pre-trained models and supports model selection.

- **Qalibrate:** Assists in domain adaptation through fine-tuning methods.

- **Qodex:** Allows prompt-based learning, fine-tuning, and aligns with responsible AI principles using Quantiphi's Prompt Warehouse.

- **Blinq:** Facilitates user interactions through dialogue, speech, search, and robotic process automation.

Tailored solutions for industry-specific tasks

Leveraging Amazon Bedrock and Amazon SageMaker JumpStart, baioniq customizes generative responses for diverse industries. Its user-friendly interface and adaptable layers simplify fine-tuning large language models (LLMs) to meet the specific tasks of your enterprise.

Secure and ethical AI implementation

Under baioniq's responsible AI framework, responses undergo rigorous evaluation, ensuring quality, safety, credibility, and helpfulness. The LLM is dynamically adjusted based on these assessments, preventing AI hallucinations. For enhanced data privacy and security, baioniq operates within your organization's Amazon Web Services (AWS) environment or on-premises, keeping sensitive information within the protective confines of your firewall.

How baioniq works

baioniq securely integrates with your data sources to train LLMs and deliver generative AI-powered solutions.

What does supercharged workforce productivity actually look like?

It means that employees can complete thinking tasks faster and more efficiently. It also means more value and less cost for every minute spent analyzing data, creating content, or answering customer questions. When this boost in productivity happens at the individual level and extends to the whole organization, it creates truly strong and next-gen leading enterprises.

This productivity gain is not only substantial but is also paired with heightened data security and a laser focus on industry-specific needs. This symbiotic relationship between efficiency, security, and domain specificity paints a promising picture of what lies ahead for organizations embracing generative AI.

baioniq: Simplifying generative AI adoption and performance

- **Domain excellence:** baioniq crafts vertically tuned large language models (LLMs) for precise domain insights.

- **Cross-industry versatility:** An industry-agnostic platform, baioniq caters to diverse needs, seamlessly extending to cross-industry applications.

- **Adoption simplicity:** baioniq abstracts complexities, streamlining secure model hosting, data source integration, and workflow alignment for accelerated enterprise adoption.

- **Enterprise-ready security:** Ensuring scalability and data security, baioniq deploys in the AWS cloud, safeguarding both data and fine-tuned models.

- **Knowledge work transformation:** Simplifying vertical LLM training, baioniq empowers knowledge workers for targeted, efficient tasks following specific organizational standard operating procedures (SOPs) or domain expertise.

- **Responsible AI assurance:** Aligning with responsible AI, baioniq enforces guardrails, measuring and ensuring quality, safety, and helpfulness in responses.

Discover how to start creating with Quantiphi's baioniq.

Learn more

Generative AI on AWS

Start generating innovation with these performant, cost-effective, and easy-to-use tools purpose-built for generative AI.

Amazon Bedrock
The easiest way to build and scale generative AI applications with foundation models.

Amazon CodeWhisperer
Save developers time and get applications to market faster.

Amazon SageMaker JumpStart
Deploy prebuilt machine learning solutions in just a few clicks.

Learn more

ABOUT THE AWS PARTNER

Quantiphi is an **award-winning** AI-first digital engineering company and AWS Premier Tier Partner driven by the desire to reimagine and realize transformational opportunities at the heart of the business.

Quantiphi's journey into generative AI began in 2019 with the introduction of the BERT model. Now its generative AI services and platform empower businesses across industries, boosting productivity and reducing costs by tailoring AI solutions to their unique needs, creating a futuristic edge.