Brochure

Successfully navigate the AI frontier and accelerate productivity

Build an AI factory that transforms your operations quickly and simply

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In today's rapidly evolving digital landscape, imagine transforming all your operations with AI. This isn't science fiction; it's the reality for many organizations leveraging artificial intelligence.

From streamlining operations and enhancing decision-making to discovering entirely new business opportunities, AI represents a critical catalyst for transformation and long-term growth. However, this journey is rarely straightforward.

Many enterprises find themselves navigating a maze of technological, operational, and regulatory obstacles that can make the successful adoption of AI both daunting and complex. The sheer volume of data generated by modern businesses, the increasing stringency of industry compliance standards, and the need for robust data governance all add layers of complication to AI initiatives.

In addition, deploying AI at scale requires not only deep technical expertise but also secure, unified access to information, such as centralized data repositories that enable seamless sharing across teams. Organizations also need flexible infrastructure that can adapt to evolving use cases and support rapid innovation as their AI initiatives mature.

Accelerate your AI journey

Deploying AI can be overwhelming, but it doesn't have to be. Expert partners can assist you throughout the process with tailored solutions designed for your specific generative AI or agentic AI needs. Let's take a closer look at how to address your most significant AI obstacles.

Traditional enterprises frequently encounter challenges in managing and integrating large amounts of data across various silos, while also enabling compliance with corporate governance and industry-specific regulations. The complexity of developing and deploying AI applications and agents can extend development times, potentially reducing productivity.

Additionally, enterprises require secure and unified data access, layered controls to protect sensitive information, and the ability to scale AI models as use cases evolve and innovation advances. Many organizations also seek a turnkey, private cloud experience that provides flexibility in AI infrastructure while maintaining high performance and reliability tools.

A faster path to increased productivity

For enterprises wanting to simplify and speed AI deployments, a turnkey platform is a popular choice. HPE Private Cloud AI offers a fully integrated, production-ready, turnkey AI factory with reliable infrastructure and pre-installed software. Deployed as a private cloud, this solution is straightforward to implement and well-suited for enterprises that are implementing AI workloads at scale, such as generative AI and agentic AI applications.

Numerous industry analysts have recognized HPE Private Cloud AI. HPE was recently named a leader in the 2025 IDC MarketScape for worldwide private AI infrastructure systems, due to the solution's top scores in both strategy

and capability.[1] ESG also recognized HPE Private Cloud AI for its economic advantages, revealing a total cost of ownership that is up to 60% lower than that of public cloud and up to 50% lower than that of DIY solutions.[2]

This simple-to-implement AI platform provides unified access to your entire data estate. Comprehensive, multi-layered controls protect your company's IP, sensitive data, and customized models while maintaining high performance, reliability, and utilization of AI infrastructure.

As part of NVIDIA AI Computing by HPE initiative, HPE Private Cloud AI incorporates NVIDIA® AI Enterprise software and NVIDIA NIM, along with support for NVIDIA Blueprints. Recent enhancements to this portfolio support the newest NVIDIA AI models, enabling developers to deploy AI applications with ease. These advancements will enable you to stay at the forefront of AI innovation, providing the tools necessary to accelerate AI development and deployment.

Connecting and controlling a growing multi-tenant AI landscape

But how do you ensure seamless connectivity and orchestration as your AI landscape expands? As organizations adopt multi-tenant architectures and their AI deployments span across diverse teams and departments, the challenge shifts from merely adopting AI to managing its complexity at scale.

Modern enterprises now require robust frameworks to unify, automate, and monitor their extensive AI infrastructure—integrating different systems and teams under a single, unified strategy. This extends beyond infrastructure; it involves providing secure, efficient access to GPU resources, maintaining data sovereignty, and keeping costs predictable, all while innovating at the pace the business demands.

Centralized control of a decentralized AI infrastructure

For these organizations, HPE delivers customized solutions based on proven architecture, deployed through expert services. AI factory at scale solutions enable scalable AI operations across core, edge, and cloud environments, utilizing multiple data sources.

HPE's customized solutions provide centralized control over decentralized AI infrastructure, optimized workload placement, GPU utilization, multitenant management, built-in automation, and observability. This offering is designed for organizations that build, train, tune, and deploy models. Businesses providing shared-service AI platforms, as well as sectors such as manufacturing, finance, and telecommunications, will also benefit from AI factory at scale customizable solutions.

Realizing the full potential of AI

Whether your goal is to deploy turnkey AI solutions, advanced AI applications, build private AI factories, or operationalize AI at scale, you can transform your enterprise with production-ready AI solutions.

Don't wait any longer. It's time to confidently leverage AI to unleash new opportunities, boost productivity, accelerate innovation, and develop innovative revenue models.

[1] "IDC MarketScape: Worldwide Private AI Infrastructure Systems 2025 Vendor Assessment," IDC, August 2025.

[2] "The Economic Benefits of HPE Private Cloud AI With NVIDIA AI Computing by HPE," ESG, March 2025.

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