

Accelerating AI success – How organizations are using AI to solve their biggest challenges

It's easier than you think to get started. Here's how expert partners — HPE, NVIDIA, and Global Systems Integrators — can help speed and simplify AI deployments.

Artificial intelligence may sound daunting, but are you overthinking how to get started? Rather than trying to work out a big-picture, long-term AI strategy from the start, it may be more effective to start by using AI to automate or augment simpler process challenges that can provide some quick wins today.

"I view AI simply as a tool — albeit a remarkable and versatile tool — that can replace manual tasks, drive efficiencies, and bring better data and judgment to the table," says Robin Braun, vice president of AI business development for hybrid cloud at Hewlett Packard Enterprise. "It doesn't have to be a science experiment. Choose an initial process or part of a process, and the AI can be deployed very quickly to address organizational tasks and speed them up right away."

Ask questions, get answers

Is AI all hype or are the claims about its power truly justified? What can enterprises expect from a successful AI deployment? The answer is that AI can indeed provide phenomenal power, especially in the form of increased automation, higher operational speed, and the ability to get answers to your organization's toughest questions.

Braun says that making the most of AI isn't about replacing humans but rather augmenting their capabilities by automating manual tasks, speeding up access to useful information — ask a straightforward question and get a relevant answer — and providing more intelligent insights.

Consider some key scenarios that Braun says highlight the power of AI across a wide range of organizations:

- **Manufacturing:** "AI's ability to automate manual tasks frees up human resources for more critical work," says Braun. Vision-enabled AI can detect subtle deviations in production quality faster than humans, which enables quicker interventions and triggers preventive maintenance.
- **Medical:** While you might imagine AI being deployed to detect anomalies such as tumors in scans, Braun points out that AI's most valuable contribution in this scenario lies in improving the efficiency of identifying normal scans and generating the necessary notes and reports, giving radiologists far more time to review abnormal scans that need more attention.
- **Meteorology:** Braun tells of a weather researcher who was able to leverage 90 years of weather data — over a billion data points — to efficiently identify patterns and correlations in a study of low-pressure cells. The AI automated data transformation and visualization helped uncover compelling new insights without requiring any advanced coding skills.
- **Sales:** AI-powered tools can aggregate customer information rapidly, freeing up sales teams to build relationships and plan strategic initiatives rather than drown in time-consuming research.
- **Supply chain management:** AI can automate supplier pricing updates, helping companies quickly assess margin impacts and respond more nimbly to market changes. For example, it could enable businesses to generate tariff impact assessments in real time.
- **Product design:** AI doesn't just help engineers draw a new design; digital twin technology can put a digital doppelganger through a vast number of simulations to determine if the design is viable — before it is ever put into production.



Expert partners — the key to fast and simple AI deployments

While tackling these use cases and more may seem daunting, know that you don't have to go it alone. HPE and NVIDIA have done the heavy lifting for you with a joint initiative delivering co-developed AI solutions: NVIDIA AI Computing by HPE.

A key part of this portfolio is HPE Private Cloud AI, a turnkey AI solution that combines NVIDIA and HPE hardware, software, and services to provide an enterprise ready AI platform for instant AI productivity. The new solution gives organizations the ability to rapidly deploy and operationalize AI workloads, frameworks, and agentic AI applications in minutes.

Additionally, organizations of every size can get ahead in their AI initiatives thanks to the expertise and assistance of global system integrators (GSIs) — another vital element of the HPE and NVIDIA partnership. GSIs augment the hardware and software needed to run AI with consulting services, easing the challenges of an AI implementation by making it a seamless, turnkey process.

Braun says GSIs help enterprises find their bottlenecks, understand their specific challenges, and develop tailored AI solutions to solve them: "Our goal is to simplify AI deployment and operation and show enterprises they really can start to solve specific problems and move at the speed of AI within a couple of days."



Putting AI to work in your organization today

The shift from viewing AI infrastructure as a mysterious closed box to seeing it as a readily deployable tool that can be up and running in days is crucial for accelerating AI adoption and realizing the practical benefits of AI in every industry. In fact, to help businesses achieve AI success even faster, the HPE Unleash AI partner program¹ invites software providers to offer solutions across the data, AI model, and AI application layers of the technology stack. It also works with system integrators and service providers during the design, implementation, and management of full-stack AI solutions. All these partner tools, including those based on NVIDIA blueprints, are curated and pre-validated to run on the HPE Private Cloud AI platform.

“Our goal is to offer an ‘easy button’ for enterprises,” says Braun. “It helps customers focus on leveraging AI for their specific business goals rather than grappling with the intricacies of the AI platform itself.”

With the joint initiative of NVIDIA AI Computing by HPE and the power of HPE Private Cloud AI, as well as the expertise of global partners, enterprises can stop wondering if AI is right for them and start discovering how it can solve their biggest challenges — today.

Learn more at

[HPE.com/ai](https://hpe.com/ai)

¹ “Hewlett Packard Enterprise introduces one-click-deploy AI applications in HPE Private Cloud AI”, HPE, September 5, 2024

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