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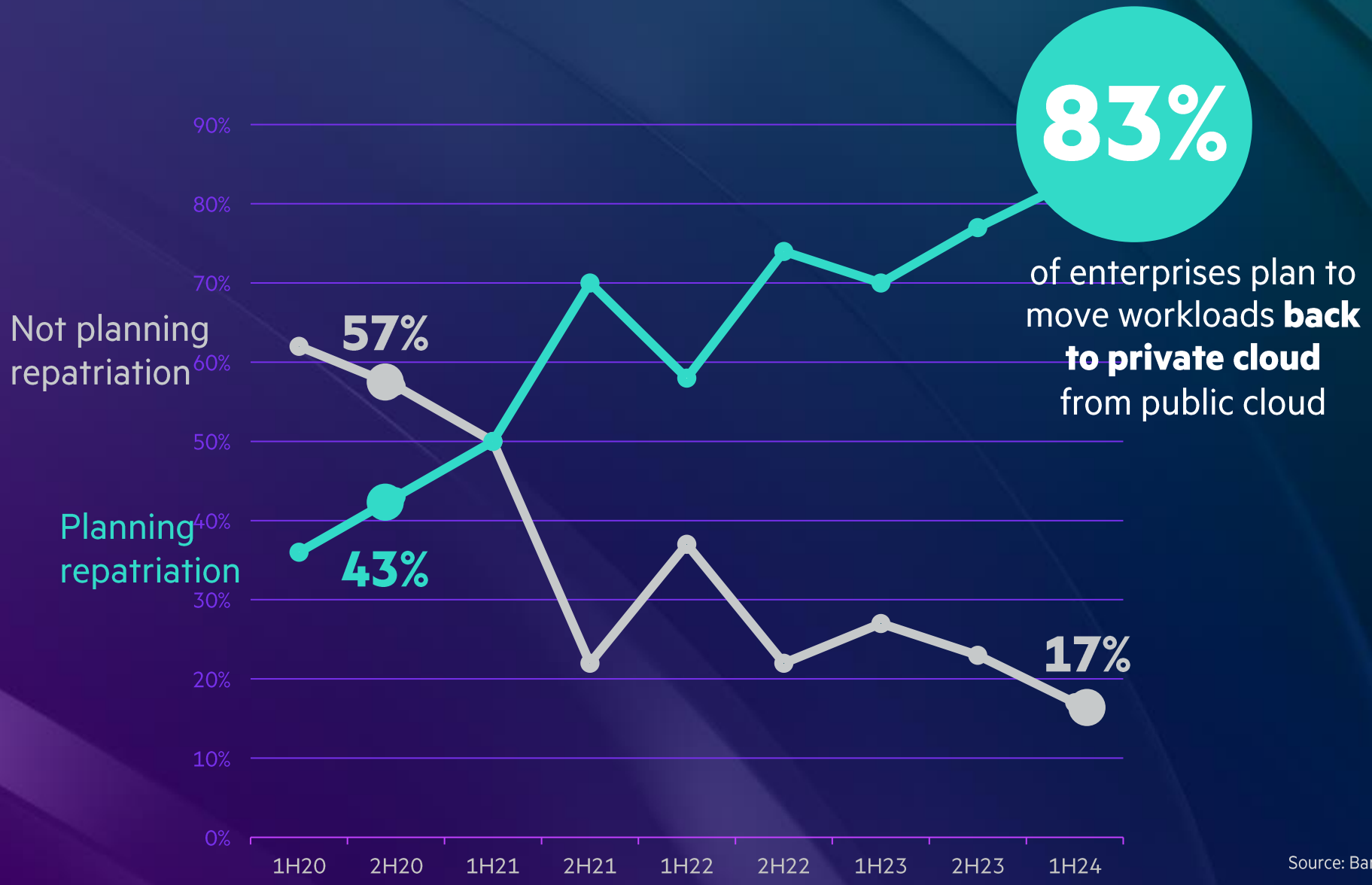
Gen AI is driving the shift to private cloud



Source: Barclays CIO Survey 2024

Top 5 Gen AI use cases

Code generation

"Co-pilot" for SW engineers to generate code faster–on prem with own codebaseand coding standards

Document creation

Automate form-filling—insurance, prescriptions and more; create marketing briefs, parts manuals and more

Search engine

Enhance search results with internal documents and information

Q & A chat

Create an internal support chatbot with your own data for an enhanced knowledge base and faster resolutions

Customer service

Boost productivity for customer service teams and enhance customer experiences with optimized call centers

AI is transforming every industry, but getting started is difficult ...

Enterprise AI adoption reality

Only

33%

have enterprise strategy

Only

~20%

of AI projects go to production

7

months from pilot to operationalization

Common enterprise challenges

- Time to productivity
- Data privacy and control
- Data accessibility
- Rate of AI innovation/scalability

NVIDIA AI Computing by HPE

Co-developed solutions to simplify enterprise AI

Turnkey Private Cloud

AI Services & Training

AI Optimized Systems

Enterprise-grade Control

PEOPLE

TECHNOLOGY

ECONOMICS

Inference, Tuning & Training

Virtual Assistants

Process Automation

Content & Product Creation

Hewlett Packard Enterprise | NVIDIA

HPE Private Cloud AI

A full-stack, turnkey private cloud for production AI

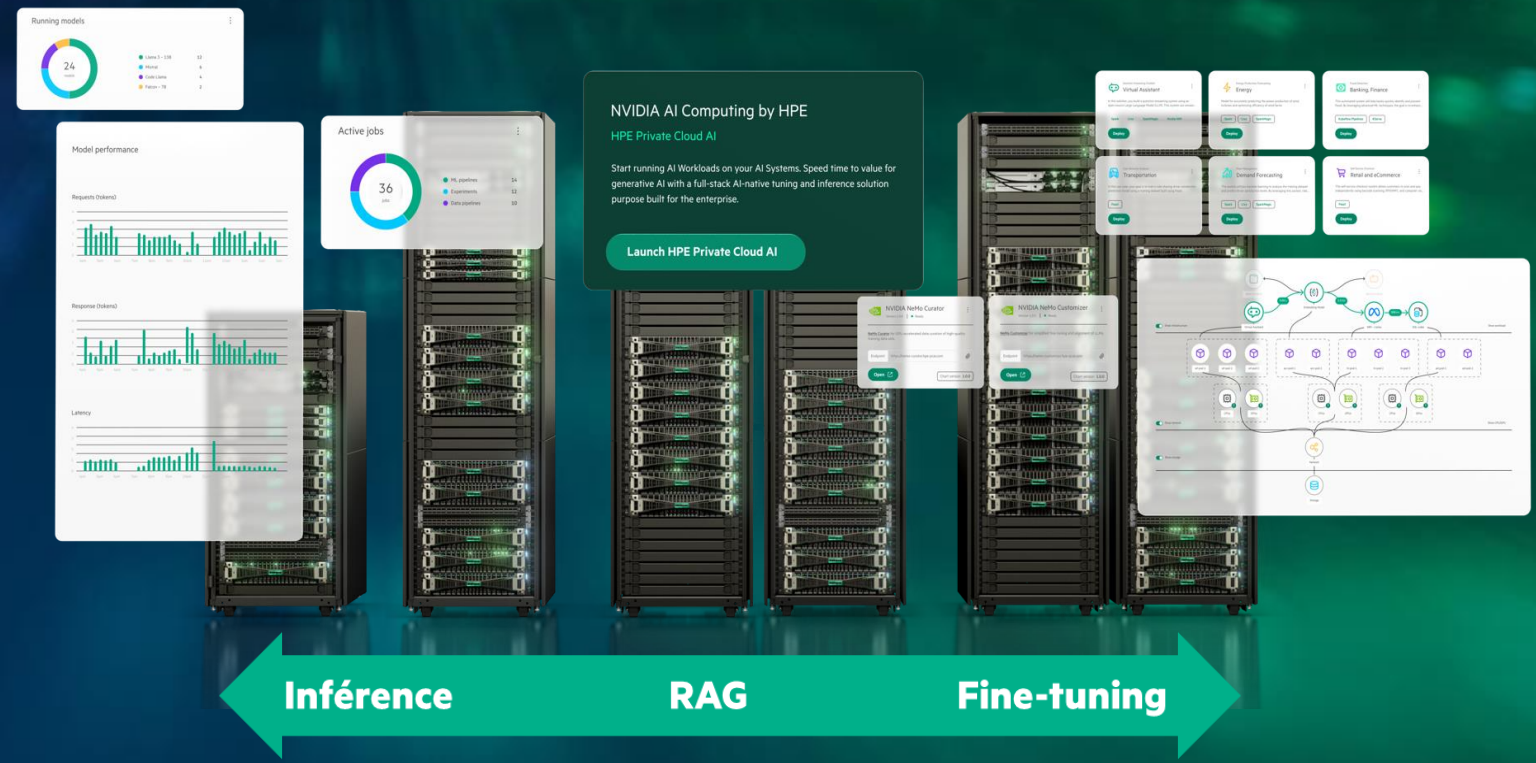
- AI models
- AI software
- AI infrastructure
- AI services

Instant AI productivity

Enterprise-grade control

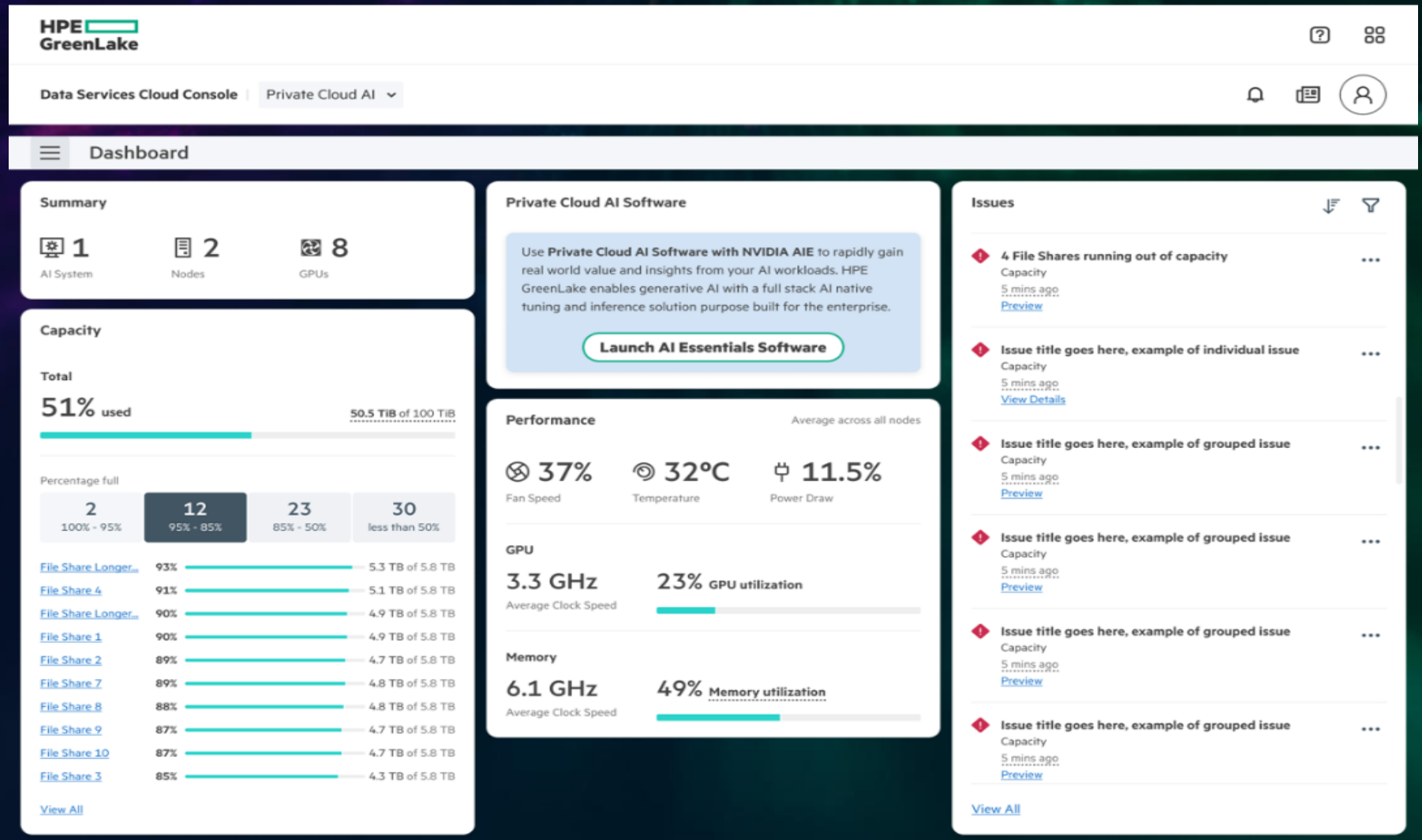
Secure and unified data access

Cloud experience everywhere



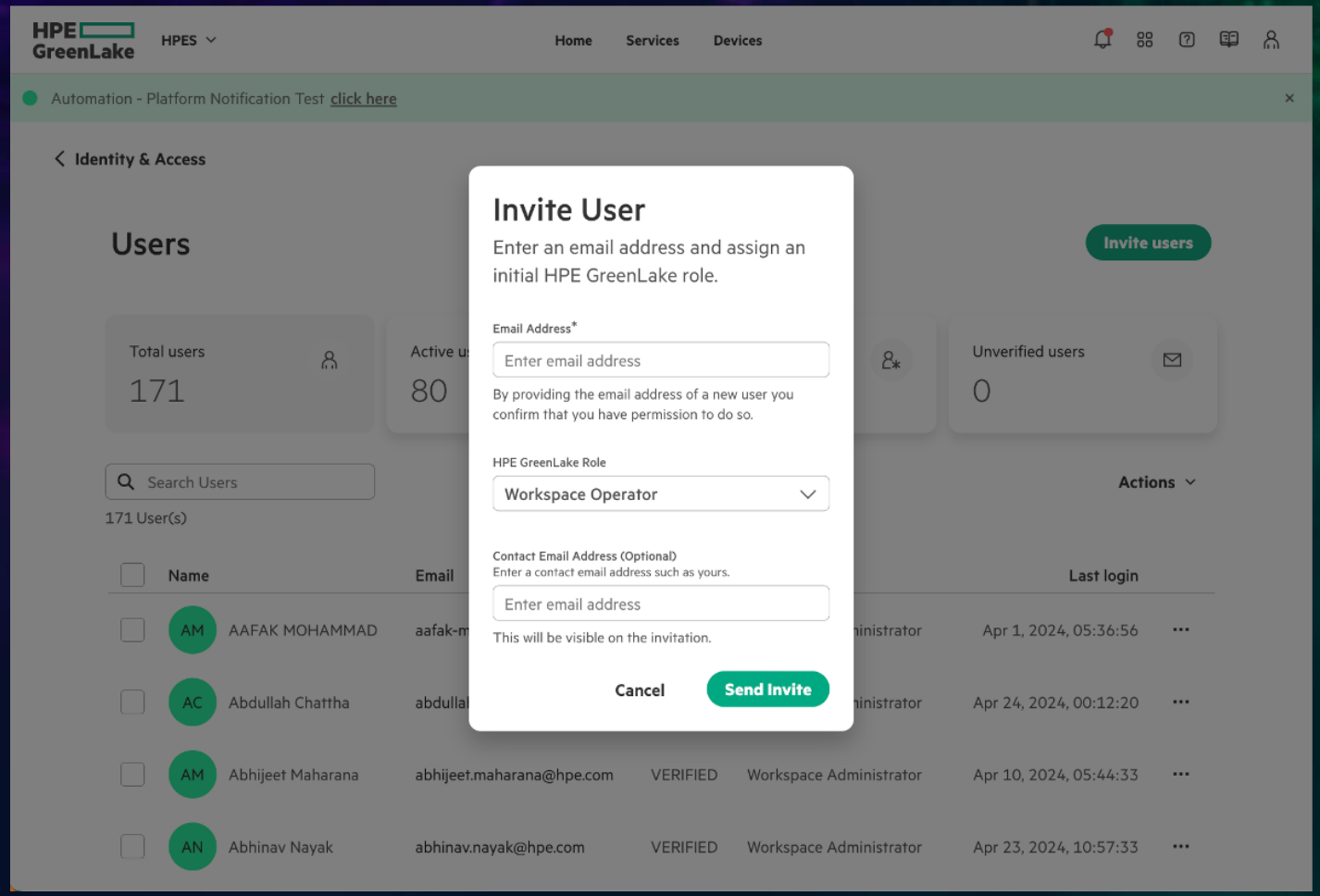
PCAI Controlplane

Dashboard



PCAI Controlplane

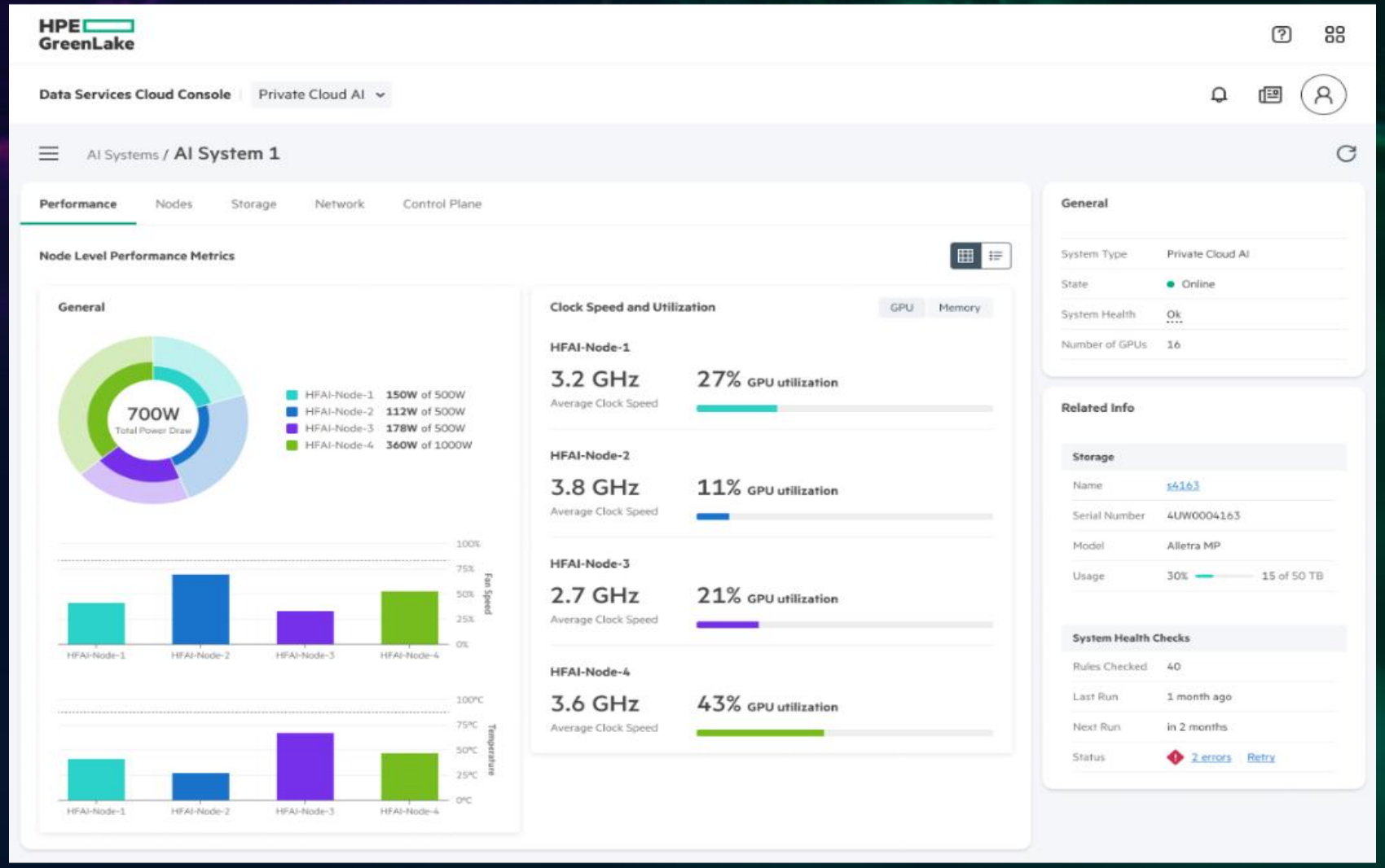
User management



- **Add users and assign them roles.**
  - Manage cluster access, their role in a cluster, by team or by individual user.
  - Once invited, they are ready to log into their HPE Private Cloud AI environment.

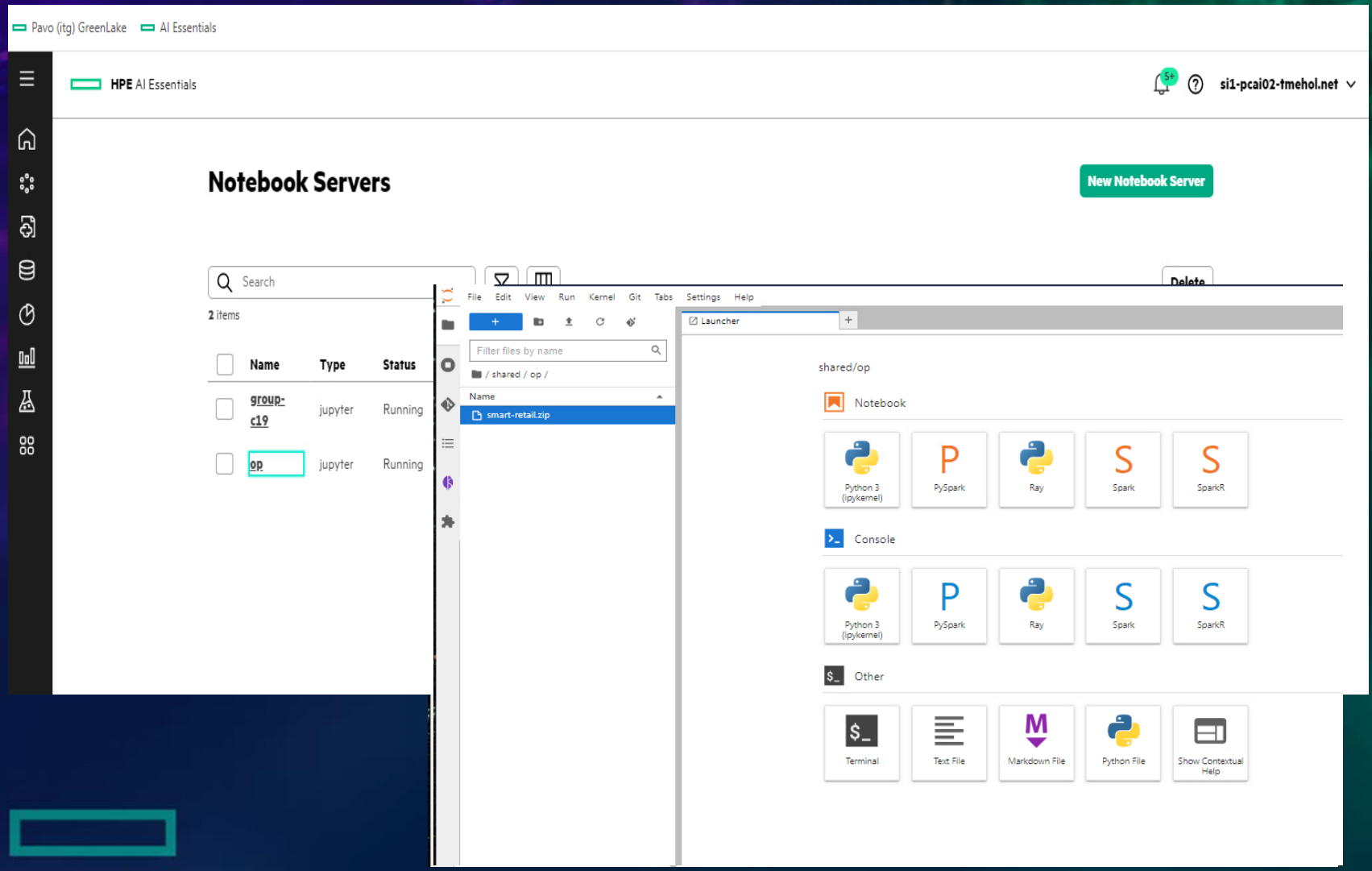
PCAI Controlplane

Performance Metrics



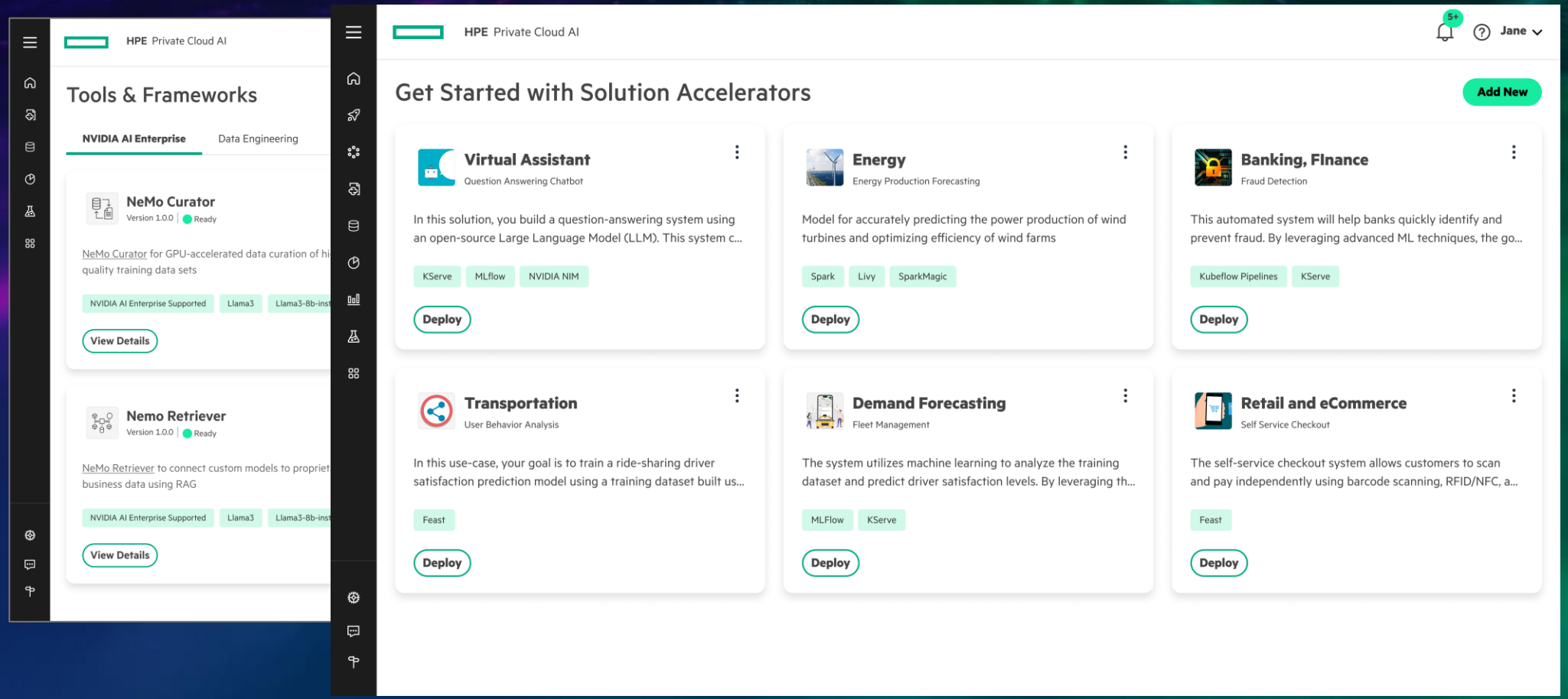
AI essentials

Pre-configured Development Environment



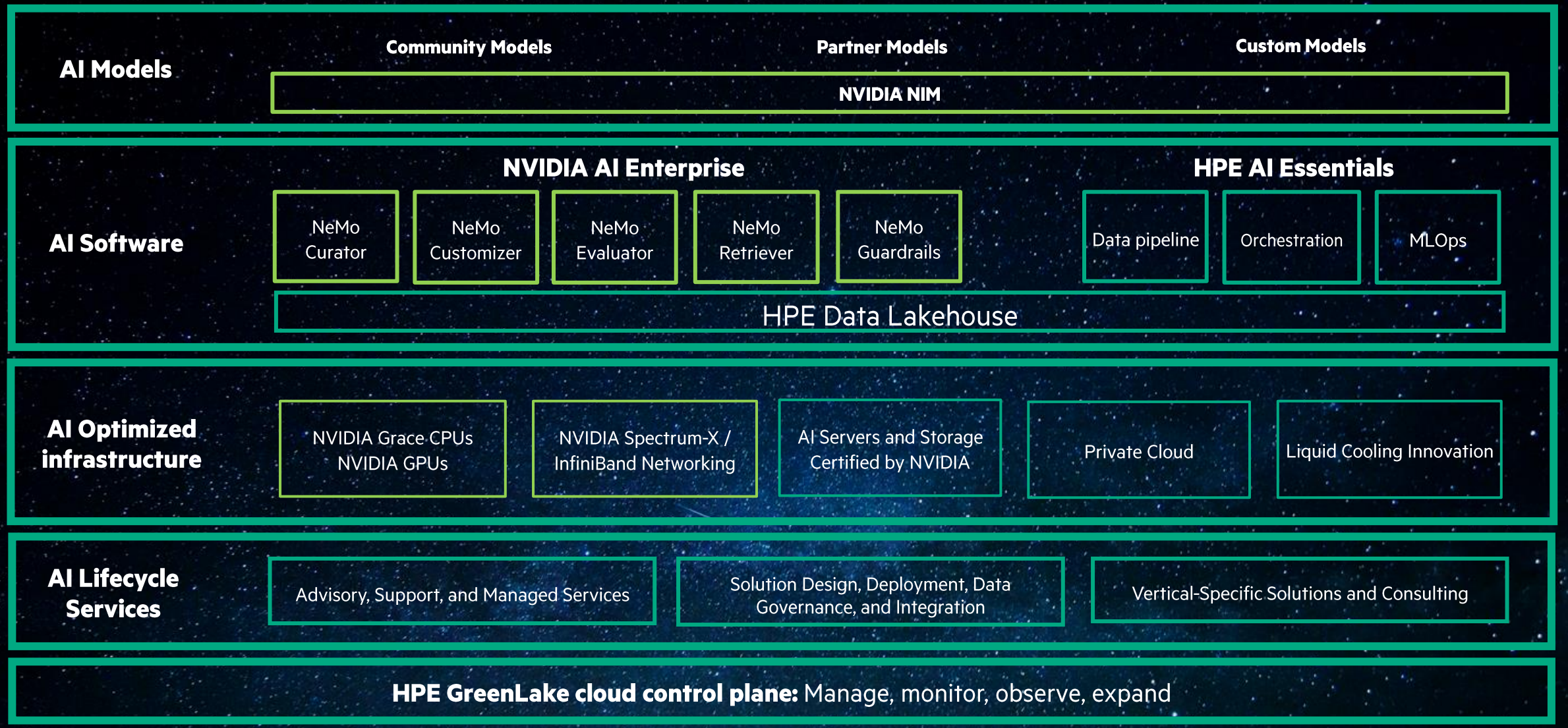
- **End-to-end Development**
  - The complete environment for every stage of development, from experimentation to production.
  - Connect to any Data Source as if it were local to the Notebook, so data is available directly to the specialist, no matter where it resides.
- **Pre-configured kernels.**
  - Data and AI/ML professionals can immediately get started with Notebooks pre-loaded with libraries for their use case, including Spark, Tensorflow and PyTorch.

Curated set of AI solution accelerators with HPE Private Cloud AI

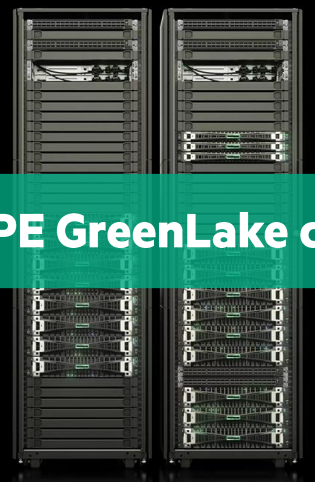


HPE Private Cloud AI

Co-developed solutions to simplify enterprise AI



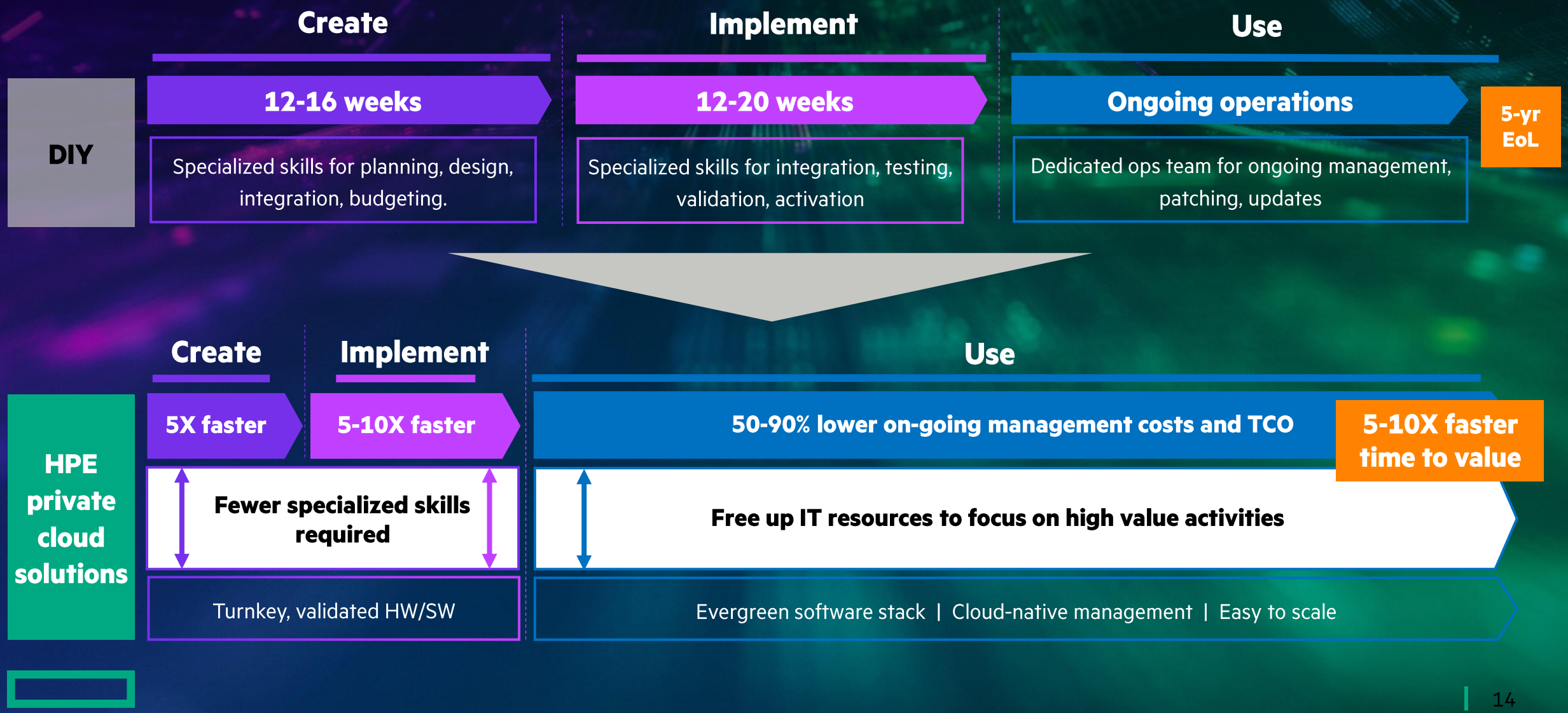
AI optimized turnkey solutions

Best for	Inferencing	Inferencing + RAG	Inferencing + RAG + Fine-tuning	Inferencing + RAG + Fine-tuning
	 Small	 Medium	 Large	 Extra Large*
Compute	4 or 8 NVIDIA L40S GPUs	8 or 16 NVIDIA L40S GPUs	16 or 32 NVIDIA H100 NVL GPUs	16 or 32 NVIDIA GH200 NVL2
Storage	109 TB to 250TB	217 TB to 529 TB	670 TB to 1088 TB	670 TB to 1088 TB
Networking	100GbE NVIDIA Networking	200GbE NVIDIA Networking	400GbE NVIDIA Networking	800GbE NVIDIA Networking

Unified experience through HPE GreenLake cloud

*XL coming in H1 FY25

Engineered systems drive speed and efficiency




Within the next 3 years, anything not connected to AI will be considered obsolete or ineffective.
McKinsey & Company

What to remember about HPE Private Cloud AI

A full-stack, turnkey private cloud for production AI

Ready to run out of the box

Fully managed, pre-integrated NVIDIA accelerated computing, networking, and software with HPE compute, storage, and software

Scale as you grow

Available in modular configurations sized for inference, RAG-based applications and model customization and fine tuning

Data privacy and control

Eliminate data silos with one global namespace for seamless access to different data types, anywhere

AI lifecycle management

Keep up with AI innovation with access to the latest AI models, development software and pre-configured solution accelerators


Thank you!