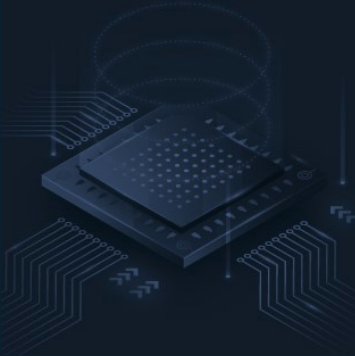# CoreStation for AI
AI-Ready Remote Workstation Solutions

What is CoreStation for AI?

CoreStation for AI from Amulet Hotkey combines powerful, dedicated remote workstations with class-leading AI-ready capabilities, giving organizations the power to enable employees to work from anywhere, with no compromise on performance, regardless of their role.

The CoreStation Advantage: Why CoreStation for AI?

With CoreStation for AI remote workstations, you remove the need to buy dedicated hardware used exclusively for AI workloads. The CoreStation for AI solution is deployed centrally within the datacenter, using enterprise-class hardware, supporting desktop operating systems, with GPU resources to deliver AI workloads that can be dynamically configured on demand as usage dictates.

Personas: AI-Ready Remote Workstation Use Cases

CoreStation for AI provides AI-Ready Remote Workstation solutions provide a unique platform that enables organizations to easily and cost effectively deploy an AI strategy for the following personas:

Data Scientist
Analyze and interpret large amounts of scientific data using AI and Machine Learning.

AI Developer
Create Generative AI services incorporating ML and Large Language Models

Quantitative Finance
Analyze data, predict market movements, and optimize investment strategies.
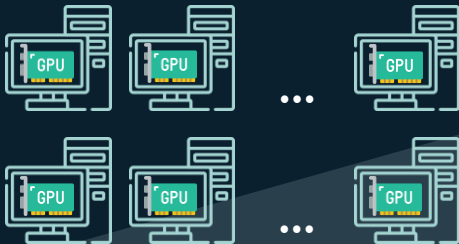
Media & Entertainment
Create algorithms to track user preferences & behavior to suggest personalized content.

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The Challenge: Deploying GPU cards at scale for AI workloads

For AI-centric workloads, multiple GPUs may be needed to deliver the resources required by those workloads. Traditionally, these deployments are static and inflexible.
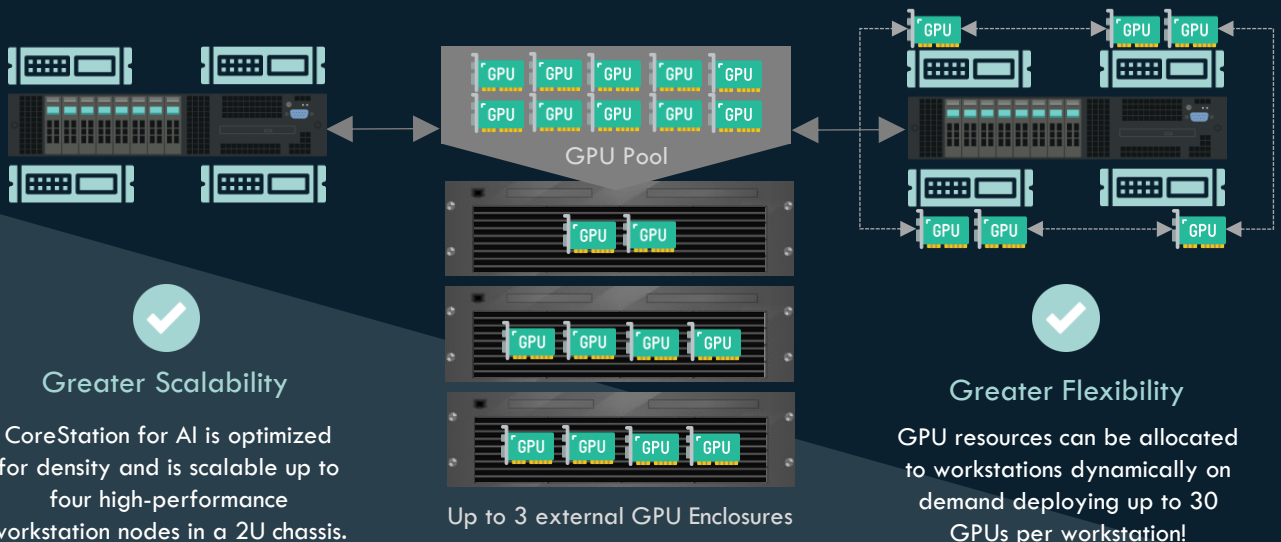
Workstations and GPUs in the traditional deployment model are configured on a 1:1 basis, having a dedicated GPU installed, and depending on chassis size, a limited number of supported GPUs. Additionally, power requirements and heat generation must be considered.

✖ Less flexibility: GPUs cannot be shared

✖ Less scalability: More GPUs = more workstations!

The CoreStation Solution: Flexible & Scalable GPU Deployment Model

CoreStation for AI allows static barriers to be removed by abstracting GPU resources from individual workstations. It creates a datacenter-based centralized pool of GPU resource that can be dynamically allocated to individual workstations as workloads and demands dictate.

GPU Pool

Up to 3 external GPU Enclosures

Greater Scalability

CoreStation for AI is optimized for density and is scalable up to four high-performance workstation nodes in a 2U chassis.

Greater Flexibility

GPU resources can be allocated to workstations dynamically on demand deploying up to 30 GPUs per workstation!

Contact Us