

# CDW GPU Assessment

An enterprise assessment playbook for every NVIDIA customer



CDW optimizes GPU infrastructure investments through the GPU Assessment Tool Service. By combining real-time visibility, data-driven analysis, and expert recommendations, CDW enables organizations to maximize the value of their NVIDIA GPU environments. Purpose-built for Kubernetes clusters, this service delivers comprehensive insights into allocation, utilization, memory consumption, and workload status — transforming guesswork into actionable intelligence for capacity planning and optimization

## KEY FEATURES

- ✓ Real-time GPU visibility
- ✓ Workload status monitoring
- ✓ AI-driven rightsizing
- ✓ Non-intrusive deployment
- ✓ Memory consumption tracking
- ✓ Executive-ready reporting

## WHAT THE GPU ASSESSMENT TOOL DELIVERS



### GPU Visibility & Allocation

- Real-time GPU allocation tracking across the entire cluster
- Detailed status on allocated, running, and non-functioning GPUs
- Data-based distribution insights for infrastructure planning



### Utilization & Memory Analysis

- Real-time compute metrics with historical data tracking
- Memory consumption analysis — used, free, and total across workloads
- Exact visibility into what hardware is doing and what can be optimized



### Workload & Capacity Planning

- Running and pending GPU-enabled workload status at a glance
- Identification of workloads that can be turned off or reallocated
- Capacity planning guidance with data-driven recommendations

## CHALLENGES ADDRESSED

### Lack of GPU Visibility

Organizations lack visibility into GPU spend and utilization across providers, leading to budget overruns and wasted resources.

### Underutilized Resources

Manual rightsizing wastes both money and computing capacity. xAI reportedly uses just 11% of its NVIDIA GPUs.

### Siloed Operations

Finance and IT teams operate on disconnected tools and metrics, making collaborative decisions difficult.

### Sustainability Goals

Aligning GPU usage with corporate sustainability AI initiatives requires accurate data and insights.

## WHY CDW

### NVIDIA-Certified Experts

CDW's AI Factory Team delivers complete assessments with certified engineers and Trusted AI Advisor relationships.

### Purpose-Built Tooling

The GPU Assessment Tool is specifically designed for Kubernetes GPU environments — not generic monitoring software.

### Non-Intrusive Deployment

Installs in minutes with zero impact on production workloads. No changes required to existing systems.

### Outcome-Driven Engagements

Focus on measurable results: data-driven recommendations, capacity planning, and optimization strategies.

To learn more, contact CDW's AI Factory Team  
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