ClusterPower Offers Customers in Romania and Central Europe NVIDIA-Accelerated Infrastructure to Speed AI Workflows

ClusterPower, one of Central Europe's most ambitious technology projects, offers competitive and resilient infrastructure in Eastern Europe with the aim of making a significant difference for people and businesses in Romania and surrounding countries.

By supporting its regional customer base to foster research and innovation projects that leverage next-generation NVIDIA technologies, ClusterPower is helping to transform society into a more connected and empowered one.

Powered by NVIDIA AI data center infrastructure, NVIDIA DGX A100 systems, as well as NVIDIA GPUs, the company offers cloud solutions for HPC, artificial intelligence, visualization- and virtualization-accelerated applications (such as virtual desktops for education or remote work virtual environments).

With a capacity set to reach exascale capacity at maturity, ClusterPower is building the largest hyperscale technology campus in the region, in a modern and highly secure facility using green energy. With the first data center unit already operational, the technology campus is host to the first Tier III Uptime Institute-certified data center in Romania.

"We can host large-scale infrastructure deployments in a custom, fit-out way. We are very flexible in customising services for our clients. We can host clients and customers that want to expand in the Central Eastern European region or optimise their current infrastructure," said Cosmin Georgescu, CEO of ClusterPower.

ClusterPower is a one-stop shop for technological solutions, addressing a multitude of enterprise needs, either directly or through its partner ecosystem, starting with the fundamentals of colocation space for racks to higher value-adding infrastructure-as-a-service or platform-as-a-service solutions.

"We see ourselves as the gold standard," said Vladimir Ester, ClusterPower's CTO. "From physical infrastructure, connectivity, utilities, resiliency — all the way up to the most advanced IT and technological appliances in our data center —

everything has been planned as state of the art, even down to the procurement process, where we have chosen to work only with industry leaders, like NVIDIA."

ClusterPower firmly believes that machine learning and AI applications are here to stay, as they present a huge market opportunity and a decisive direction for the industry to move in as a whole.

The advanced compute infrastructure is powered by NVIDIA DGX A100 systems, with already tens of petaFLOPS that can support use cases for clients in the region.

This infrastructure is topped by the specific tools for developing AI, enabling enterprise customers to use a single end-to-end platform for all types of AI workloads.

"To enable businesses in the region to use emerging technologies, such as digital twins, VR and AR environments, banking solutions, and industry 3.0, ClusterPower is filling in the gap by being the first regional cloud provider to offer an AI platform as a service in our region, and we have installed Romania's first supercomputer based on the NVIDIA DGX platform, alongside NVIDIA Quantum InfiniBand networking and NetApp NVMe storage," said Vladimir Ester, CTO of ClusterPower.

Due to the highly scalable and flexible nature of the NVIDIA DGX A100 reference architecture, ClusterPower can offer more compute and storage resources as the customer's needs grow.

As an NVIDIA-accelerated cloud provider, ClusterPower will be able to provide customers in the region with the required expertise and support on workflows from solution design to implementation, configuration, and maintenance — as well as hybrid to on-premise solutions, as needed.

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