

GET IN TOUCH

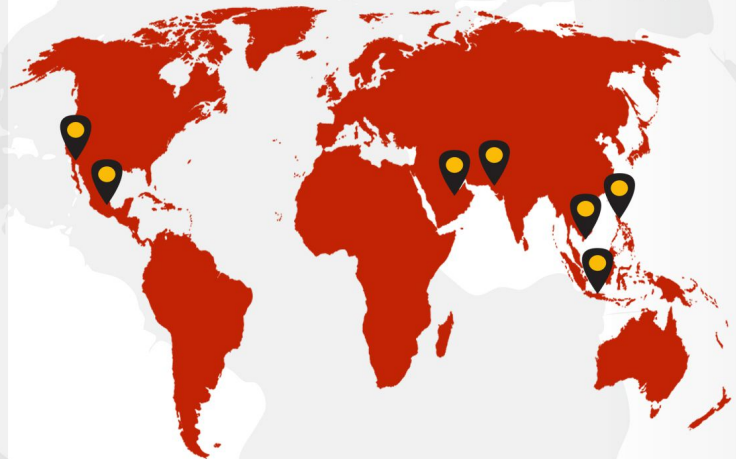



info@vortalus.com


+1 818 964 1550


www.vortalus.com

OUR PRESENCE



Vortalus HyperCX GPU

Keep Your Business Up & Running.
Each Moment.



633 West Fifth Street
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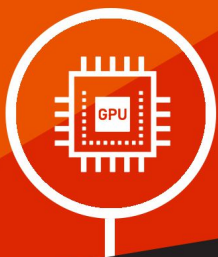
We've Got Everything Covered

Through market diversity and our global technological capabilities, Vortalus offers best-in-class solutions tailored to market needs.

A WORLD POWERED BY
VORTALUS

Graphics Processing Units (GPU)

Graphics Processing Units (GPUs) have become the tool of choice in computationally demanding fields such as scientific computing and machine learning. GPU capable VMs enable every virtual machine to get the same GPU benefits as a physical desktop. Because work that was typically done by the CPU has been offloaded to the GPU, the user has a much better experience and more users can be supported, besides enabling additional fields.



Why GPUs?

Modern GPUs contain thousands of cores capable of trillions of operations per second, accelerating the rate at which the calculations can be completed. When programmed correctly, GPUs can take large datasets and perform the same operation over and over again on them at a much faster rate than a CPU alone. GPUs are being used for purposes outside of their original use, which as the name implied.

Now, they're being used in data-intensive industries whose domains require powerful tools to evaluate massive problems such as training and applying machine learning models at scale.

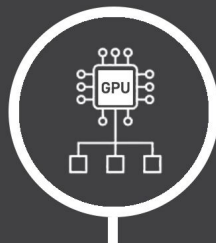


HyperCX GPU

Using GPU to VM

- In order to use a GPU card on a VM, it must be configured on the template first.
- That template must be instantiated.
- HyperCX's scheduler will find a host with the specified GPU available and will only deploy the VM in that host.

GPU feature is available only on specific HyperCX clusters. For enabled clusters, one or several servers will contain GPU cards ready to be used.



Why Add GPUs to VMs?

- Increase in the number of graphics-accelerated VMs per host; supporting multiple users per physical GPU.
- The virtual machine has full and direct access to the GPU, including the native graphics driver.
- GPUs enable the completion of computationally intensive tasks much faster than conventional CPUs



Virtalus
HyperCX GPU

is your next level low-cost, efficient, graphics-accelerated solution for your Virtual Machines.