

# About Cirrascale

## **Cirrascale Cloud Services is a premier cloud services provider of deep learning infrastructure solutions**

We truly embody the spirit of innovation as well as the desire and willingness to share our knowledge and experience with others.

### **Our Story**

It's surprising how often we are asked about our experience and what makes us qualified to suggest hardware and cloud-based solutions. Cirrascale was a premier developer of blade and rackmount solutions enabling large scale compute infrastructure. Cirrascale leveraged its patented Vertical Cooling Technology and proprietary PCIe switch riser technology to provide the industry's densest rackmount and blade-based peer-to-peer multi-GPU platforms.

In late 2015, Cirrascale Corporation decided to launch a cloud service to help those customers interested in a more robust and versatile cloud offering for multi-GPU solutions. The service was well received, and in early 2017, Cirrascale Corporation sold its hardware business and spun off the cloud services division as a new separate company, Cirrascale Cloud Services.

Cirrascale Cloud Services continues to expand its growing business and provide Infrastructure-as-a-Service cloud offerings and other professional services to customers like you.

### **What Guides Us**

Our company is guided by a steadfast commitment to integrity, ensuring that every decision and action aligns with our core values and ethical standards. We embrace agility, adapting swiftly to changing environments and customer needs, which allows us to deliver innovative solutions efficiently. Our focus on customer centricity and expertise enables us to provide unparalleled service, always striving to exceed expectations and drive success for our clients.

### **Integrity**

We lead with honesty and integrity in everything we do.

### **Agile**

We adapt quickly to meet evolving challenges.

### **Customer-Centric**

Cirrascale has a customer-centric ideology to business.

### **Expertise**

We deliver specialized, innovative solutions.

### **Our AI Ecosystem Software Partners**

As one of the leading multi-accelerator cloud providers, we have a lot of partners that are working to further the advancements of deep learning. We wanted to build a community where we could help our customers connect with our partners to save time, money, and resources.

The partners included in our AI Ecosystem have tested their products on our platform and have worked special arrangements with us to provide their solutions to you through our cloud service. They've all agreed to offer their services as a flat-rate included with our service, or as a stand-alone product, so you can continue to trust that you won't ever get a variable bill from us.

### **RedHat**

Cirrascale Cloud Services is proud to partner with Red Hat as a Red Hat Certified Cloud Service Provider. Red Hat® Enterprise Linux® is the world's leading enterprise Linux platform. It's an open source operating system (OS) and the foundation from which you can scale existing apps — and roll out emerging technologies — across bare-metal, virtual, container, as well as other cloud environments supported on the Cirrascale Cloud Platform.

### **WekaIO**

The absolute fastest storage offering to remove bottlenecks faced by customers who use inference training datasets consisting of millions of files to improve outcomes and increase accuracy of deep learning models. WekaIO's Matrix software is a fully parallel and distributed file system that has been designed from scratch to leverage Flash technology. Both data and metadata are distributed across the entire storage infrastructure to ensure massively parallel access to NVMe drives.

### **IBM Power AI**

PowerAI Vision makes computer vision with deep learning more accessible to business users. PowerAI Vision includes an intuitive toolset that empowers subject matter experts to label, train, and deploy deep learning vision models, without coding or deep learning expertise. It includes the most popular deep learning frameworks and their dependencies, and it is built for easy and rapid deployment and increased team productivity. By combining PowerAI Vision software with accelerated IBM® Power Systems™, enterprises can rapidly deploy a fully optimized and supported platform with blazing performance.

### **KubeFlow**

The Kubeflow project is dedicated to making deployments of machine learning (ML) workflows on Kubernetes simple, portable and scalable. Its goal is to make scaling machine learning (ML) models and deploying them to production as simple as possible, by letting Kubernetes do what it's great at: (1) Easy, repeatable, portable deployments on a diverse infrastructure, (2) Deploying and managing loosely-coupled microservices, (3) Scaling based on demand. Anywhere you are running Kubernetes, you should be able to run Kubeflow.

### **One Convergence**

With DKube from One Convergence, the data scientists do not need extensive IT expertise to find, download, and maintain ML frameworks, CUDA libraries, RDMA tools and various of other

tools and libraries. Dkube installs on the Cirrascale Cloud Services platform in less than hour and can onboard a customer's data scientists quickly allowing them to conduct their Tensorflow or PyTorch experiments with ease.

### **H2O AI**

H2O is a fully open source, distributed in-memory ML platform with linear scalability. H2O supports the most widely used statistical and machine learning algorithms including gradient boosted machines, generalized linear models, deep learning and more. It has an industry leading AutoML functionality that automatically runs through all the algorithms and their hyperparameters to produce a leaderboard of the best models.