DataStax Enterprise on HP Moonshot enables a massively scalable, distributed database management system that effortlessly handles large amounts of data across many servers with predictable scalability and exceptional performance.

HP Moonshot System delivers breakthrough efficiency and scale by aligning just the right amount of compute, memory, and storage for specific workloads, delivered in a dense, power- and energy-efficient package. Leveraging HP ProLiant m710 Server Cartridges, the complete system supports the massive scalability required by modern, data-driven, online applications. It also offers reductions in power, space, and complexity compared to traditional rack servers.

DataStax delivers Apache Cassandra™ in a database platform purpose built for the performance and availability demands of IOT, Web, and Mobile applications, giving enterprises a secure always-on database that remains operationally simple when scaled in a single data center or across multiple data centers.

**TRANSFORMING YOUR DATABASE**

DataStax Enterprise is built to be agile and always-on, resulting in continuous availability for business-critical applications that require fast performance with no downtime. By incorporating HP Moonshot with DataStax Enterprise, the support for your user base grows 1.7X more ops/sec than a traditional rack mount. This infrastructure also saves organizations on power, space and significant cost savings by decreasing the amount of unused equipment, while still providing a scalable infrastructure needed for complex deployments.

**TURN TO THE EXPERTS**

Our WWT engineers provide superior engineering capabilities and extensive migration expertise for any of our customers most complex big data projects. Our engineers have years of integration experience and will guide our customers throughout the entire project.

Visit us online: www.wwt.com
DataStax Enterprise on HP Moonshot reduces the burden of management and can be configured simply to match future growth needs. Simply add more HP ProLiant m710 Server Cartridges or an additional Moonshot chassis with minimal cabling. The DataStax Enterprise visual management tool allows you to easily monitor your environment from any browser and device and add nodes without downtime to meet business demands.

**METHODOLOGY**

Our approach starts with a workshop customized for your organization’s level of knowledge and helps identify use cases that offer business value. Then, leveraging next-generation technology at our Advanced Technology Center, our expert architects will perform a proof of concept by augmenting data warehousing with Moonshot-based infrastructures that mimics your needs.

During the deployment phase, the WWT Integration Technology Center (ITC) will begin to implement the designed infrastructure. The ITC is a climate-controlled production environment with advanced networking, secure remote access and ISO-certified procedures. Here, certified engineers with logistical and technical expertise help reduce the risk, cost and complexity of deployment.

By providing controlled environments where tasks can be performed on equipment according to your requirements, we help you move from planning and designing a new or evolving cluster to implementing it in a cost-effective way.