



Limulus™ Hadoop® Workstation



Partner Brief

BASEMENT SUPERCOMPUTING

“The Limulus Hadoop workstation is an instant Hadoop cluster that delivers small scale production level performance next to your desk. Designed to work in office environments there is no need for data center space, services or overhead.

Douglas Eadline, PhD
Principal Scientist
Basement Supercomputing

The Limulus™ Apache™ Hadoop® workstation is a real four-node Hadoop cluster running the Hortonworks HDP software and the Ambari management system. Designed for small group and office use, the ready to run system is an ideal solution for small production runs, software development, feasibility, education, and testing of Hadoop and YARN applications. The workstation is plug-and-play and can be used immediately in virtually any office environment.

Systems are designed for maximum performance while operating in a low power, noise, and heat envelope. Each Limulus packs four standard Micro-ATX motherboards into a standard PC case supported by a single high efficient power supply (one wall plug). Communication between nodes is accomplished through an internal Ethernet switch. No other configuration is needed other than user/site customization.

Hadoop Today, Success Tomorrow

Fast Feasibility

Run, test and evaluate real Hadoop applications using 16 fast x86-64 cores, 128 GB of memory, and 2 TB of SSD storage. There is no datacenter overhead, simply place the multiuser Hadoop system next to your desk and get started.

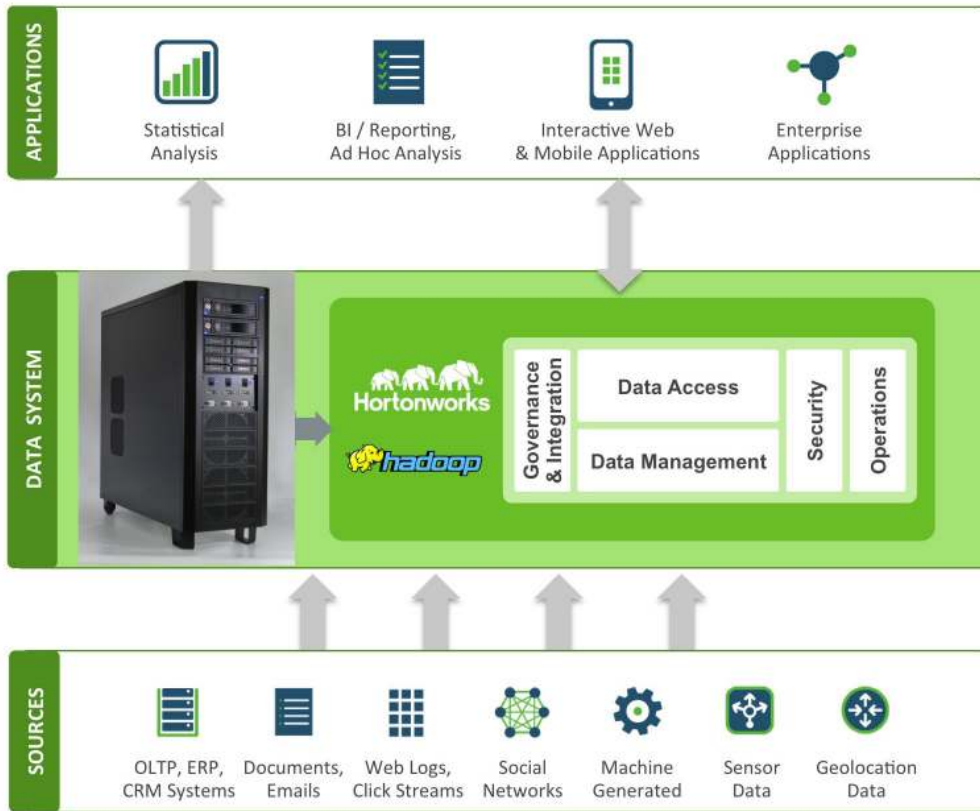
Low Cost Exploration

Learn about Hadoop without an open-ended Cloud budget or large data center resource.

Software Development

As a developer, you own the reset switch. Your Hadoop workstation is totally under your control, no waiting for resources or new software. All aspects of Apache Hadoop are under your control.

Limulus Hadoop Workstation



Features and Benefits

The Limulus Hadoop Workstation delivers a true cluster in a highly efficient desk-side package.

- Begin using Hortonworks Hadoop immediately, no need to install or configure software
- Perform feasibility tests without Cloud or datacenter overhead.
- Develop/test software without large cluster contention.
- Operate the system anywhere using a standard wall plug.
- Low power/noise/heat envelop ensures cool and quiet operation
- Manage the system using the Ambari GUI.

Works just like a Cluster, but it is YOUR cluster

The Limulus Hadoop workstation fits into the Hadoop ecosystem just like a real data center cluster.

Basement Supercomputing is a Certified Technology Partner

The Hortonworks Certified Technology Program reviews and certifies technologies for architectural best practices, validated against a comprehensive suite of integration test cases, benchmarked for scale under varied workloads and comprehensively documented.



Hortonworks. We do Hadoop.

Hortonworks is a leading commercial vendor of Apache Hadoop, the open source platform for storing, managing and analyzing Big Data. Hortonworks Data Platform, our distribution of Apache Hadoop, provides an open and stable foundation for enterprises and a growing ecosystem to build and deploy Big Data solutions.

Hortonworks is the trusted source for information on Hadoop, and together with the Apache community, Hortonworks is making Hadoop an enterprise data platform. Hortonworks provides unmatched technical support, training and certification programs for enterprises, systems integrators and technology vendors.

For additional questions, contact:

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