

Turn Big Data into big profits

HP ConvergedSystem 300 for Vertica

Big Data analytics at warp speed



Companies are seeking next-generation technologies to fully realize the value of their data.

- Real-time analytics
- Cost-effective and scalable to meet workloads as Big Data needs evolve
- Integrated turn-key solutions for quick deployment and faster time-to-value
- Proactive, simplified, one-stop support

Big Data is both a challenge and an opportunity

There's no doubt about it. The data landscape has changed. Unstructured data—blogs, videos, images, texts, and tweets—is now 10 times larger than structured business data and has a growth rate that is 10 times the higher.

This shift in the data landscape brings enormous opportunity. But only if you can harness insight from all of your data, analyzing and reacting to it as quickly as it's created.

Unfortunately, most organizations are struggling with legacy technologies that simply can't handle the volume and complexity of Big Data.

Reframe the Big Data conversation

It's time to change how you think about Big Data. It's time to move beyond just "dealing with it" to finding innovative ways to profit from it.

You will need to capitalize on solutions that transform how you capture, manage, and analyze it, while producing answers faster than traditional database and data warehouse technologies. To deliver sustained competitive advantage, the solution you pick will also need to reduce both the costs and complexity of your IT environment.

HP HAVEn

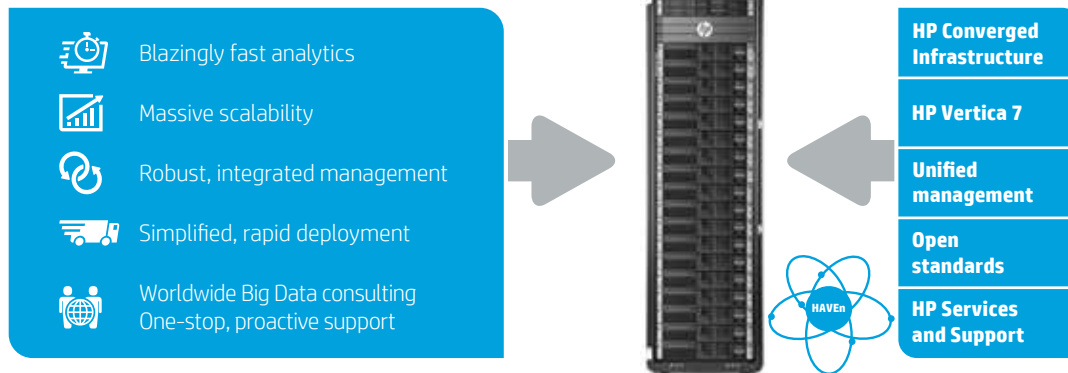
A complete Big Data platform

HP HAVEn was designed to address Big Data pain points around analyzing large volumes of data quickly and cost-effectively. It is a Big Data platform that brings together Hadoop, Autonomy, Vertica, Enterprise Security, and any (n) number of applications to extend the platform.

HP HAVEn provides the capability to deliver actionable intelligence from 100 percent of your data—structured, unstructured, and semi-structured—for advanced analytics.

HP ConvergedSystem 300 for Vertica

Ready for HAVEn



HP ConvergedSystem 300 for Vertica

HP announced HP ConvergedSystem 300 for Vertica at HP Discover 2013 in Barcelona. This is the first “ready for HAVEn” HP ConvergedSystem that will productize HP’s Big Data vision with different software solutions, including the HP Vertica Analytics Platform.

The HP Vertica Analytics Platform was purpose-built for Big Data. It consists of a massively parallel database and an extensible analytics framework optimized for real-time analysis of data scaling from gigabytes to petabytes.

HP Vertica provides the speed and scale necessary to find the insights hidden in massive amounts of data at considerably lower total cost of ownership than other systems.

HP ConvergedSystem 300 for Vertica combines the power of HP ConvergedSystem with the speed and analytics of the HP Vertica Analytics Platform.

This purpose-built, pre-integrated, turnkey solution brings together the hardware, software, and services you need to make the critical transition to connected intelligence and analytics-driven decision making faster, and with less risk.

The solution is based on the HP ProLiant DL380p Gen8 Server running Red Hat Enterprise Linux. This latest generation of HP ProLiant servers allows you to increase application performance while freeing up resources to focus on business innovation.

The solution also leverages HP Insight Cluster Management Utility which provides a user-friendly “at-a-glance” view of the entire Linux cluster to make management more efficient and reduce errors. The entire solution stack includes HP networking, HP management software, HP Factory and Onsite Deployment services, and HP Proactive Care support. HP also offers services across the lifecycle of HP ConvergedSystem 300 for Vertica, from strategy to ongoing support, to increase the impact of the system and allow your IT staff to focus on core tasks. If you require further planning or implementation specifics, you can utilize the HP Enterprise Planning for HAVEn Service.

Solution benefits

- **Improve performance by orders of magnitude**—Insights happen in near real time with queries that run 50–1,000X faster than legacy data warehouse solutions; HP ProLiant Gen8 servers feature a balanced system architecture while unifying storage, I/O, and compute resources to make data-intensive applications run faster

- **Be prepared for massive scale**—Building block architecture allows you to grow gracefully through multi-node 10 GB to 40 GB expansion
- **Speed time-to-value and reduce implementation risk**—By deploying pre-tested, pre-integrated turnkey solutions in optimized configurations that leverage HP best practices
- **Increase productivity and value**—Answer business-critical questions on the spot to monetize data in a matter of minutes, not days
- **Improve efficiency and reduce incident resolution time**—With a single point of contact for your entire system support
- **Proactively prevent problems**—Identify and address problems before they cause performance issues through analysis, advice, and proactive recommendations
- **Keep IT environment up-to-date**—With pre-tested, system-level firmware updates and patch management

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