

A woman with long brown hair, wearing a green top, is smiling and looking at a tablet computer. She is in a library or office setting with bookshelves in the background. A man in a plaid shirt is partially visible in the foreground, looking at the tablet. The image is framed by a teal border.

Solution overview brochure

Rapidly derive insights from your data

HPE Vertica as a Service



Hewlett Packard
Enterprise

Leverage real-time analytics, derive valuable insights, and rapidly respond to opportunities with Vertica's cost-effective as-a-service model—without investing in software licenses and hardware.

Insights

- Leverage the reduced time to value of an on-demand analytic environment.
- Respond to rapidly changing business conditions whilst minimising capital expenditures (CAPEX).
- Rapidly discover insights, and develop and deploy analytic apps in a production-ready, secure environment.
- Consume and pay for only what you need; optionally grow into the integrated HPE Haven analytics platform (including Hadoop) to handle structured and unstructured data.

Put your data to work—fast

More data and information are being generated than ever before, and the business value has never been more important—or challenging—to distill. The sooner you can access that data, the faster you can make smart business decisions.

But organizations, such as yours, are struggling to derive business value from their data. Why? Primarily because legacy data warehousing and analytics platforms don't deliver the necessary agility and scale.

Businesses need to be able to continuously load information into their analytics platforms whilst providing access to the variety and volumes of data for comprehensive analytics. Creating value from combining and then analyzing the different data points can create the potential for automation and new revenue. Most of all, enterprises need:

- Rapid access to discovery environments for exploring business insights
- Agility and flexibility to respond to rapidly changing business conditions with elastic consumption models
- Robust, secure, and well-managed production environments with service-level agreements (SLAs)
- A consumption-based pricing model to minimize CAPEX

Leverage HPE Vertica Platform as a service

Leverage the benefits of the HPE Vertica platform—available as a package on our recommended Vertica infrastructure—to optimize performance in the HPE Helion private cloud, with managed services wrapped around it to make it production ready.

HPE Vertica software

Exploit the industry-leading massively parallel, columnar storage, real-time capabilities of HPE Vertica to crunch through very large datasets in record times. Reap the benefits of prebuilt analytic functions to speed your analytics. Have the ability to grow into other Haven components—including Hadoop—for your disparate data needs.

Infrastructure

The platform is based on a robust, secure, and scalable infrastructure in the market-leading HPE Helion private cloud and tackles the most complex Big Data use cases. It adheres to the Vertica configuration models cookbook to ensure optimal performance. The infrastructure is backed by industrial-strength SLAs. Included are essential services, such as high availability, support, archiving, backup, recovery, performance management, and more.

Managed services

Leverage our strength as a recognized market leader in managed services to support SLAs in an as-a-service model. Gain the advantage of the production- tested, industrial-strength managed service processes, tools, and capabilities of Hewlett Packard Enterprise.

Private cloud

You can leverage our global capabilities, open technology, and best-in-class HPE software and hardware, which accommodates all types of workloads. We provide hardened security, pre-integrated, as reported in the CSA Star Report.¹ We also provide auditing and reporting capabilities to help you comply with Sarbanes-Oxley, PCI, ISE, ISAE 3402/ SSAE 16, FISMA and FedRAMP (Moderate), and other regulations.

Flexible consumption model

With Hewlett Packard Enterprise, you can leverage all of this in an operating expense-centered, as-a-service model. It has the flexibility to expand to other pre-integrated components of the HPE Haven platform, based on business needs. You also can choose an alternate deployment model, such as on-premise or hosted, if you prefer a more traditional CAPEX-based procurement and deployment model.

Get rapid business value

Significantly reduce the time and cost of developing and deploying discovery and analytics applications with HPE Vertica as a Service. With it, you can leave Vertica platform management to us, and you can focus on delivering business value—working with your marketing, operations, product development, supply chain, or customer service business partners.

Leverage the power of a proven platform:

- There are documented use cases where clients are seeing significant performance uplift with dramatically reduced total cost of ownership (TCO).
- A 2013 Forrester study shows clients that deployed the HPE Vertica Analytics Platform and HPE Converged AppSystem for Hadoop saw a return on investment of 155%, and a payback period of less than a month.²
- HPE Vertica performance is 50× to 100× faster than traditional RDBMS systems.³
- Based on analyst rankings, HPE is a leader in real-time databases, private cloud, managed services, and data integration.⁴
- We received “Best in Big Data,” September 2013, third-place award by Computerwoche, German IT magazine.
- We have successfully completed many deployments and migrations to Vertica.
- Hewlett Packard Enterprise has more than 3,600 information management and business intelligence professionals around the world.
- We have 1,200-plus HPE global business analysts with advanced statistical and mathematical skills.

The experience and capabilities represented in this offering enable you to extract business insights whilst relying on Hewlett Packard Enterprise to provide and manage your Vertica platform.

<https://cloudsecurityalliance.org/starregistrant/hewlett-packard/>

² Forrester Report: Market Overview: Converged Infrastructure Solutions In 2013

³ Vertica (HPE) benchmark

⁴ The Forrester Wave: Private Cloud Solutions, Q4 2013



Gain from our experience

Success is having the right access to the best technology, people, and processes to help transform your business intelligence and analytics environment. Using the powerful combination of the market-leading Vertica platform—deployed on an optimized infrastructure to industry-leading managed services to offer production SLAs in a secure private cloud—HPE Vertica as a Service reduces the pain and risk of harnessing your data for your business needs.

Hewlett Packard Enterprise has all the end-to-end capabilities necessary to deliver a full, Big Data solution. We enable handling and correlating of disparate data, offer low TCO with minimal upfront investments, are reliable and secure, and provide flexibility to adapt to changes, with ease of integration to legacy applications.

We possess deep experience on Vertica and related products, along with the skills and processes needed to operate the platform in the market-leading HPE Helion private cloud with production SLAs. Coupling this expertise with an optimized infrastructure and flexible deployment and financing options provides a very compelling value proposition.

With Hewlett Packard Enterprise, simplify analytic application development and deployment, understand your procurement options, reduce maintenance and modernization costs, and—most importantly—see faster time to value. With a combination of the Vertica platform delivered as a service and specialized consulting to onboard you quickly, we will help you rapidly deliver business value.

Learn more at
hp.com/services/VaaS



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