



Hewlett Packard Enterprise

The importance of Big Data is gaining traction within many of the world's leading companies. The management of large volumes of data and the guarantee of data security require technological excellence and expertise.

Neos manages the complete implementation for the HPE Vertica application, from hardware through to the operation and optimisation. In addition, Neos takes care of the maintenance of the databases, ensuring any potential problems or change requests are identified and managed quickly and efficiently.

THE CLIENT

A leading IT-provider in the global travel industry, offering technology and transaction processing solutions.

TIMING

Only 6 months from the decision to implement Vertica to the completion of the project.

RESULT

HPE Vertica is available 24/7 as a high performance platform.

SOLUTION PARTNER

Neos Ventures GmbH, expert in highly transactional platforms.

INITIAL SITUATION

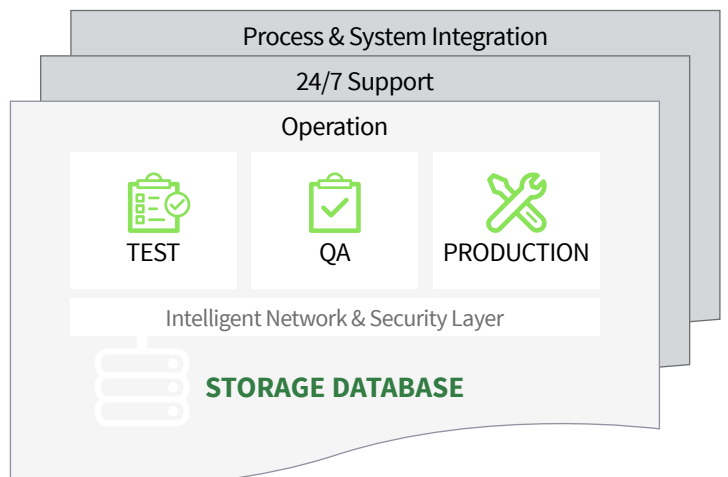
Due to the rapid increase in volume of processed data in recent years and the reduced lead-time to market for services, the leading IT-provider required an adjustment to the current business conditions. Their current data warehouse system was outdated and no longer fulfilled the company's performance and functionality requirements.

The company decided to implement HPE Vertica due to the high system availability, excellent performance and wide variety of possible application areas. As the client had no previous experience operating security hardware and software, an established partner was brought on board to manage the 24/7 operation and maintenance of data security upon the completion of the data migration.

IMPLEMENTATION

The implementation started with a comprehensive **analysis of the current situation** in order to determine the **individual needs** of the client. Relevant pain points and potential bottlenecks were explored, while possible risks and weak points were identified. Based on this analysis, an **individual solution** was developed for the client in order to guarantee a flawless operation.

INDIVIDUAL SOLUTIONS



Employees of Neos were involved in the implementation of the hardware to ensure the system was successfully integrated into the wider monitoring process. As a result, the ability to create service tickets ensured issues could be identified and fixed in a timely manner and **automated integration with the client's existing operational processes** was guaranteed.



“As a long-time partner of HPE, Neos proved their expertise in Vertica once again. From the implementation through to the completion – Neos fulfilled all the customer requirements successfully.”

Erika Hoffmann, Management Strategic Big Data Analytics Partners, HPE Big Data Software

BENEFITS

The advantages of HPE Vertica are clear. Not only does it have excellent performance and extremely fast processing time, but the collaboration between hardware and software forms a secure, efficient system. The continuous operation of your system is ensured as each client has a single contact at Neos who understands the system and is able to answer any questions that might arise. Furthermore, it is possible to expand the server capacity without the need for any structural changes, allowing individual adjustments to be applied at any time.

With the implementation of HPE Vertica the client was able to reduce costs, plus realise a substantial increase in production. The increased server capacity made complex analysis possible, increasing the company's effective use of Big Data.

Neos offers clients a smooth and timely full-service handling of databases, operating systems and network configurations. This ensures customers enjoy access to all the advantages of HPE Vertica for their business at any time.

“Imagine, you could drive your new, fancy car, and the mechanic looks after everything else, including re-fuelling, repairs and maintenance,” Stefan Hierlmeier describes the benefit of Neos services.

In addition, Neos provides proactive advice to customers, constantly recognising and recommending relevant system improvements. Opportunities for system optimisation or cost savings are recommended to clients as soon as they are identified by Neos expert team.

HPE VERTICA – KEY FEATURES

- Real-time processing
- Enhanced internal analysis of databases
- Database design and administration tools
- Column-orientated storage and execution
- Aggressive data compression
- Extendable MPP-architecture



LOCATIONS

Madrid, Spain:

Functional responsibility for design and application implementation

Erding, Germany:

Data Centre for operational business