

# Hitachi Vantara Helps Customers Reach New Speeds for Unstructured Data and High-Performance Workloads

Partnership with WekaIO and New Hitachi Content Platform Capabilities Will Help Customers Gain Faster Access and Insights from Skyrocketing Unstructured Data

Sydney AUSTRALIA – 16 July, 2020 – Hitachi Vantara, the digital infrastructure and solutions subsidiary of Hitachi, Ltd. (TSE: 6501), today announced a new distributed file system and management solution that will help customers gain faster access to and insights from unstructured data such as emails, documents, health records, audio, video and images.

The new solution will be delivered through a partnership with WekaIO (Weka), the innovation leader in high-performance, scalable file storage for data-intensive applications.

Hitachi Vantara also announced today an expansion of Hitachi Content Platform (HCP), its cloud object storage software solution for connecting data producers, users, applications and devices. The updates to HCP will better support next-generation unstructured workloads.

The new OEM relationship with Weka will enhance Hitachi Vantara's portfolio with a high-performance, NVMe-native, parallel file system that the company will deliver tightly coupled to an HCP datastore. This performant network-attached storage (NAS) solution will be well suited for use with artificial intelligence, machine learning and analytics applications across a broad array of industries.

The expansion of HCP also better supports next-generation unstructured workloads with performance-optimised all-flash HCP nodes. These new capabilities will deliver almost 3.4 times more throughput over Amazon's Simple Storage Service (S3) protocol, resulting in lowered costs of up to 34%. Updated storage nodes also deliver an improvement of three times the read and write performance, while simultaneously enabling three times more capacity in the same rack space as the previous generation. This is especially significant as traditional NAS, primary workloads and cloud-native workloads are transitioning to object storage to meet high-performance requirements.

The new HCP expansion helps customers translate data into business insights faster, increase revenue from data generated by unstructured data, and improve application performance to drive a better digital experience for end users.

"Organisations that are striving to be data-driven are recognising the need to tap into vastly increasing amounts of unstructured data to gain a competitive edge," said Brian Householder, president, Digital Infrastructure, Hitachi Vantara. "Hitachi Vantara is helping our customers maximise their infrastructure advantage by delivering significant performance improvements when accessing and connecting their data to make faster and more accurate decisions."

As the size and types of workloads are fundamentally changing, organisations need to focus not only on their ability to scale storage solutions, but also meet performance requirements. For example, at a typical Fortune 500 company, a mere 10% increase in data accessibility can result in more than \$65 million in additional net income.

Hitachi Vantara has already demonstrated the benefits of the new HCP capabilities with a financial services customer. The customer needed a higher performance solution for a transaction-heavy core banking application that services more than 50 million consumer and small business clients worldwide. HCP's all-flash configuration was the only solution that could deliver both the performance demanded and the security required. HCP delivered performance improvements of up to 300%, with some jobs achieving a 1,200% performance improvement over the company's existing traditional object storage solution.

Another industrial sector customer turned to Hitachi Vantara to address growing volumes of manufacturing, sales and distribution data that were stretching the company's storage infrastructure to a breaking point. HCP helped the company achieve a 500% improvement in application response times and enabled the customer to manage massive volumes of unstructured data in varying formats and from multiple sources in a central object store.

"CIOs and IT professionals are no longer looking to object storage only for compliant, archive, tier-two or cold data," said Amita Potnis, research director, Infrastructure Systems, IDC. "They are now looking at object storage to support new use cases and performant workloads. These organisations are also evaluating distributed file solutions to handle scale and performance to support high-performance computing, real-time analytics and AI."

## Additional Resources

Read the blog, "Object Storage Comes of Age," by Patricia Harris, Hitachi Vantara vice president, Digital Infrastructure Marketing  
Read the infographic, "Unlocking Value in Your Unstructured Data" Learn more about Hitachi Content Platform (HCP), including the new HCP expansion announced today

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