

Hitachi Vantara Integrates AI in Flash Storage

Written by Frederick Douglas
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Hitachi subsidiary Hitachi Vantara announces the all-flash and hybrid Hitachi Virtual Storage Platform (VSP) range featuring integrated and cross-platform AI-powered analytics and automation software.



HV was formed in September 2018, when the Japanese parent brought together Hitachi Data Systems, Hitachi Insight Group and Pentaho into a "single integrated business." It says the capabilities of the VSP range give customers "unprecedented agility and automation," reducing costs and increasing operational efficiencies.

On the storage hardware side, HV offers the VSP F all-flash series and the VSP G hybrid-flash series. Both promise 100% data availability with up to x3 more IOPS performance and 2.5x greater scalability compared to previous VSP models. Powering the devices is the next generation Hitachi Storage Virtualisation Operating System, SVOS RF, updated for increased performance, scalability and data efficiency.

All VSP systems ship with a Foundation software package featuring Hitachi infrastructure analytics and copy data management software.

HV has also enhanced its AI software portfolio, including Hitachi Infrastructure Analytics Advisor (HIAA), Hitachi Automation Director (HAD) and Hitachi Data Instance Director (HDID). HIAA is an "AI-powered brain" able to look across the data path, including virtual machines, servers, networks and storage, before using machine learning to optimise, troubleshoot and predict datacentre needs.

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Meanwhile HAD automates core IT service delivery routines, including virtual machine, network zoning and storage and data protection tasks, in order to reduce errors. It integrates with IT service management (ITSM) tools, such as the ServiceNow platform, and improves REST API integration for the provisioning of 3rd party resources, including storage, and automates setup of HDID data protection to safeguard against data loss or downtime.

"With the criticality of data in our customers' environments, there is no room for good-enough storage technology or data-silos created by weak infrastructure," HV says. "The technology announced today will help create the agile data infrastructure and intelligent operations our customers need to drive transformation."

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