

Penguin Solutions OriginAI Infrastructure Now Available with Additional GPUs and Enhanced Cluster Management Capabilities

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Options using the latest generation of NVIDIA and AMD GPUs and Dell AI-optimized hardware are fully-validated with Penguin's ClusterWare software and end-to-end services

FREMONT, Calif.--(BUSINESS WIRE)-- **Penguin Solutions** [™], Inc. (Nasdaq: **PENG**) today announced the addition of the latest NVIDIA and AMD GPUs as well as Dell Technologies AI-optimized hardware to its **OriginAI** [®] **infrastructure solution**. This validated, pre-defined set of AI infrastructure architectures matches best-in-class GPU servers, networking, and storage options with Penguin Solutions' intuitive, intelligent cluster management software and world-class design, build, deploy and manage services. Using the OriginAI solution, organizations can rapidly deploy AI infrastructure at scale and achieve faster access to the ROI and competitive benefits that AI technology can deliver.

Penguin Solutions OriginAI Infrastructure solution is now available with more GPU and hardware options from NVIDIA, AMD, and Dell. OriginAI solutions are fully-validated and include Penguin's enhanced ClusterWare management software and end-to-end services.
(Graphic: Penguin Solutions)

With support for NVIDIA H200 and AMD Instinct MI300X GPU-powered **Penguin Relion** [®], **Penguin Altus** [®], and now **Dell PowerEdge XE9680 servers**,

Penguin Solutions' OriginAI solution delivers a broad set of architecture options. Penguin will also enable NVIDIA Blackwell B200 and AMD Instinct MI325X within OriginAI solutions in early 2025. The availability of AMD and NVIDIA GPUs, as well as the addition of Dell PowerEdge servers, PowerSwitch data center switches and PowerScale storage creates a significantly expanded portfolio of fully validated and supported AI infrastructure options for organizations with interest in specific technology components.

“Our Penguin OriginAI solution has been established as the go-to answer for making AI both attainable and efficient,” said Pete Manca, president of Advanced Computing at Penguin Solutions. “Adding the latest GPU technology from industry leaders AMD and NVIDIA, alongside an option for Dell servers, storage and networking, gives organizations the ability to tailor their AI infrastructure to specific workloads and business requirements and maximize their ROI.”

Included in the OriginAI solution are updates to Penguin Solutions’ Scyld ClusterWare® software platform for seamlessly managing AI and HPC infrastructure and monitoring cluster health. Enhanced infrastructure security and encrypted communications; expanded node management to include support for **NVIDIA Cumulus Linux** and **Edge-core’s SONiC** switches; improved node status polling; and increased support for **Ubuntu** within the ClusterWare platform allow organizations to drive higher cluster performance with confidence and ease in diverse computing environments.

“AI requires carefully laid out infrastructure that is integrated by expert hands and managed by specialized tools in order for the full benefits to be realized,” explained Matt Eastwood, senior vice president worldwide research at IDC. “Penguin, with its AI and HPC expertise, open systems approach, and proven methodology, is enabling organizations to come up the learning curve and achieve value quickly.”

Visit Penguin Solutions at **SC24 Supercomputing booth #1523** at the Georgia World Congress Center in Atlanta on November 18-22 to learn more about the OriginAI solution, ClusterWare software platform, and Penguin’s collaboration with NVIDIA, AMD, Dell and other partners.

Stay connected by following Penguin Solutions on **LinkedIn, X, YouTube, and Facebook**, and by tagging **#PenguinSC24**.

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About Penguin Solutions

The most exciting technological advancements are also the most challenging for companies to adopt. At Penguin Solutions, we support our customers in achieving their ambitions across our computing, memory, and LED lines of business. With our expert skills, experience, and partnerships, we turn our customers’ most complex challenges into compelling opportunities.

For more information, visit <https://www.penguinsolutions.com>.

PR Contact

Maureen O'Leary

Penguin Solutions Corporate Communications

(602) 330-6846

pr@penguinsolutions.com

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