NEWS RELEASE

Arrcus Delivers Next Generation of High-performance, Zero-trust Networking for Datacenters Enabled by NVIDIA BlueField

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ArcOS running on NVIDIA DPUs delivers blazing performance for secure, high-bandwidth applications

LAS VEGAS--(BUSINESS WIRE)-- **Arrcus**, the hyperscale networking software company and a leader in core, edge, and multi-cloud routing and switching infrastructure, today announced a collaboration with NVIDIA to enable high-performance, secure and power-efficient datacenter networking for applications like AI, telecom, and cloud that require high bandwidth, low latency and predictability across the network.

Bandwidth-hungry applications like generative AI need no longer be limited by legacy networking solutions. By combining the Arrcus ArcOS NOS with the NVIDIA BlueField DPU, datacenter applications can be software-defined and hardware-accelerated for the highest performance and zero-trust security, offering ultimate power- and cost-efficiency while delivering nearly 20X the performance over traditional solutions for encrypted traffic.

Arrcus' ArcOS is the industry's leading open, flexible and programmable network operating system. ArcOS is microservices-based, with internet-scale routing support, fabric-wide telemetry and standards-based APIs for programmatic access. The NVIDIA BlueField DPU combines Arm compute cores with advanced networking, storage and security offload engines. The combination of ArcOS and BlueField enables network operators to deploy secure, performant and highly available datacenter infrastructure.

"As enterprises, telcos and cloud providers begin to deploy bandwidth-hungry applications like GenAI and the accompanying data storage to drive business outcomes, it is imperative that the network be able to support it with high performance and predictability," said Shekar Ayyar, Chairman & CEO of Arrcus, Inc. "We are excited to

collaborate with NVIDIA to disrupt the paradigm and offload network functionality onto NVIDIA BlueField DPUs to accelerate performance with the highest degree of security, thus ensuring real-time access by authorized users to these cutting-edge applications."

"As data center applications that demand high bandwidth become more prevalent, there's a pressing need for networking technologies to provide exceptional performance without compromising infrastructure efficiency and security," said Ash Bhalgat, senior director of cloud, telco and cybersecurity market development at NVIDIA. "With the support of the NVIDIA Inception program for cutting-edge startups, Arrcus has built a scalable, high-performance networking solution that improves the utilization of modern zero-trust data centers while lowering power consumption and total cost of ownership."

"High-performance datacenter networks that deliver zero-trust security and power efficiency are the need of the hour for the next generation of applications," said Roy Chua, founder and principal, AvidThink. "It is exciting to see Arrcus collaborate with NVIDIA on delivering an accelerated networking solution that telcos, datacenter operators and cloud providers can benefit from."

This combined solution is ideally suited for the telecom, healthcare, financial services, retail and public safety verticals, amongst others, and is being demonstrated at the Arrcus booth at Mobile World Congress in Las Vegas being held from September 26-28. Explore these groundbreaking solutions at booth 510 and meet with Arrcus executives. To schedule a meeting with Arrcus, please click here.

Additional Resources

- **Arrcus Unveils Groundbreaking ACE-AI Networking Solution at MWC Las Vegas**
- **Arrcus Brings Transformational Cost-Effective Networking Solutions to Fuel Explosive Growth of Digital India**
- **Investor interest in Arrcus grows as Hitachi Ventures is latest to join Series D**

About Arrcus

Arrcus was founded to enhance business efficiency through superior network connectivity. The Arrcus Connected Edge (ACE) platform offers best-in-class networking with the most flexible consumption model at the lowest total cost of ownership. The Arrcus team consists of world-class technologists who have an unparalleled record in shipping industry-leading networking products, complemented by industry thought leaders, operating executives, strategic partners and top-tier VCs. The company is headquartered in San Jose, California with offices in Bangalore, India, and Tokyo, Japan. For more information, go to **www.arrcus.com** or follow **@arrcusinc**.

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