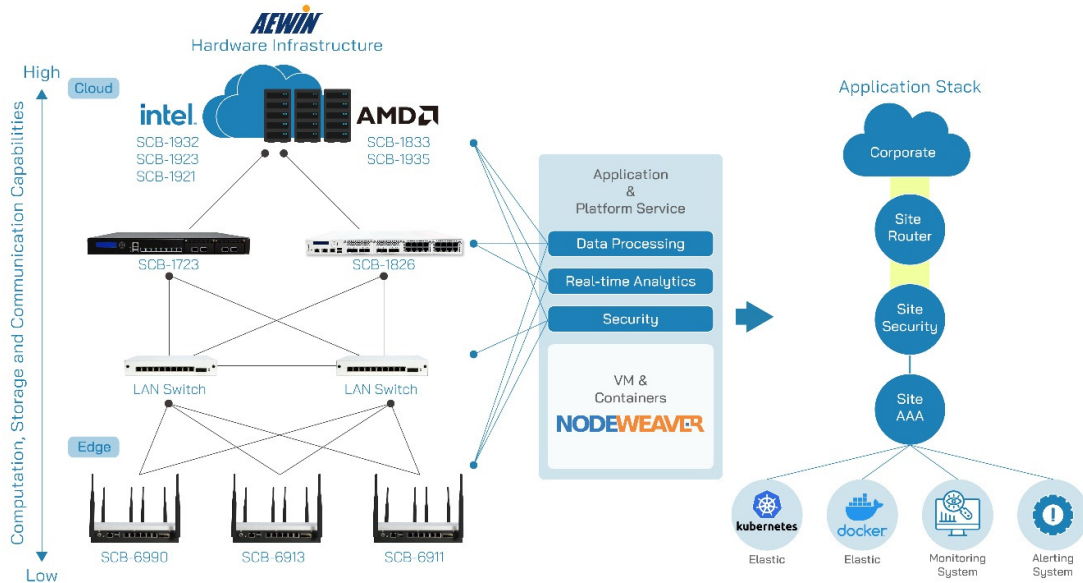# AEWIN partners with NodeWeaver

Ease of Use Solutions between the edge and the cloud

San Jose – January 12th 2021 -

NodeWeaver, innovators of a completely autonomous edge cloud solution, is partnering with AEWIN, a leader in network communication and security industries, to bring software-defined solutions for the end-to-end Ethernet, SDN/NFV-ready product portfolio, and deliver significant advantages to service providers.

Developed through a collaboration with NodeWeaver, our solution includes the powerful service chaining of containerized and virtualized network functions that are delivered on AEWIN's high performance yet cost effective x86 (both Intel and AMD) white boxes.

Both software teams collaborated to integrate NodeWeaver with AEWIN's x86 platforms; which includes the fully orchestrated mix of virtual machine-based network functions alongside containerized applications running on the same platform.

"*It has been a few years since uCPE-based SD-WANs hit the market. we are seeing many deployment frameworks when we look at the evolution of SD-WAN and SASE deployments.*" stated **Ken Huang, Chief Technology Officer at AEWIN**. "*We are proud to be working with NodeWeaver. The virtualized network functions environment, efficiently delivered require data to cloud infrastructure on top of our x86 appliances.*"

"*The combination of AEWIN and NodeWeaver, provides an optimized, flexible, and reliable platform for network and communication service providers.*" said **Carlo Daffara, CEO of NodeWeaver**. "*As distributed compute becomes critical for network and communication operations, these platforms must be deployed, managed, maintained, and secured on a mass scale. NodeWeaver and AEWIN provide the ideal execution environment for this distributed computing layer.*"

Running workloads at the edge requires different economics, architecture, and philosophy versus hyperscale cloud or core. NodeWeaver was designed for the unique distributed computing requirements of the edge - instead of dealing with a few very large compute clusters, the edge requires many small clusters, which is a fundamentally different architecture.

AEWIN's uCPE is offered in 3 different configurations that is optimized for specific sized stores, and application workload requirements:

- Entry-level platform based on SCB-6911/13 & SCB-6990 (Intel), system that is small, running basic applications.
- Mid-range platform based on SCB-1723 & SCB-1826 (Intel) and SCB-1721 &SCB-1833 (AMD) which can run multiple applications at the edge.
- High performance platform based on BIS-5204 & SCB-1921/1923 (Intel) and SCB-1935 (AMD) with rich storage and networking options. These platforms support FPGA/GPU accelerations which needed for medium to large enterprises.

About AEWIN (AEWIN Technologies Co., Ltd.)
AEWIN is an industry-leading provider of high-performance networking and data infrastructure solutions. Designed primarily to improve performance and efficiency in Cloud and Data Center environments, AEWIN's solutions increase throughput, decrease latency and boost the performance of servers and networking appliances, the infrastructure backbone that enables advanced Cloud architectures and leading technologies like NFV, SD-WAN and Cyber Security. Our innovative solutions for high-density networking, high-speed fabric switching, offloading and acceleration, which utilize a range of cutting-edge silicon technologies as well as FPGA-based solutions, are ideal for scaling-up and scaling-out cloud infrastructures.
www.aewin.com

About NodeWeaver
NodeWeaver is a software-defined operating platform that simplifies the deployment, management, and orchestration of edge infrastructure and applications. It installs on the bare metal of nearly any x86 hardware and enables the deployment of highly resilient, agile and scalable compute clusters capable of running multiple virtual machines and container-based workloads, reliably and cost-effectively. Optimized for running workloads at the edge, NodeWeaver takes less than 1.3GB of RAM to provide all services, leaving the maximum amount of system resources available for actual workloads.

NodeWeaver's automated deployment, self-management, self-optimizing, self-healing features and GitOps management approach dramatically reduces cost of ownership by simplifying operations and reducing the need for IT expertise or human intervention.
www.nodeweaver.eu

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