

Truly Open Network Modernization Delivered with ADVA Ensemble and Dell Technologies

Seamlessly scale ADVA Ensemble virtual networking software platform and access the industry’s widest selection of Virtual Networking Functions (VNFs), with the full backing of Dell Technologies VEP1405 Open Networking hardware and enterprise-class support, services, and supply chain

Network virtualization simplified at scale

ADVA and Dell Technologies have joined efforts to make network modernization simple, powerful, and secure.

The Dell EMC Virtual Edge Platform (VEP) product line features modern networking devices that are built for the workload and applications of the Cloud era in mind.

ADVA Ensemble simplifies WAN modernization with a virtualization suite that powers transformation. With high-performance virtualization, truly open architecture, and zero-touch provisioning, ADVA Ensemble provides a platform for businesses to deliver the next generation of applications and services.

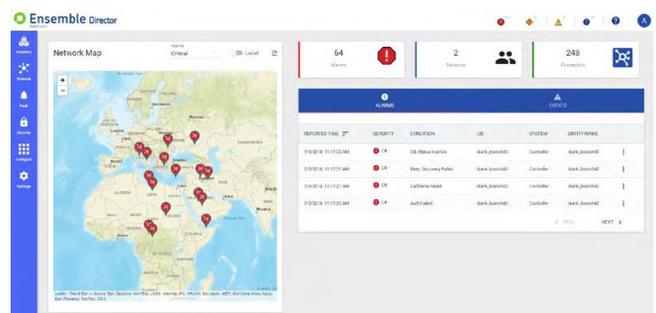
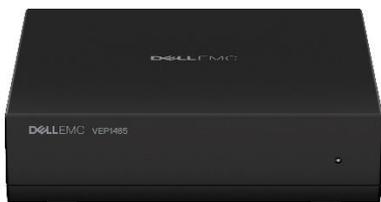
Dell Technologies and ADVA Ensemble come together in new Dell EMC ADVA-Ready VEP1405 series models

Combining Dell Technologies’ powerful purpose-built networking hardware, featuring an x86 architecture and Intel processors tailored for the workloads of virtual networking, VEP models pre-loaded with ADVA Ensemble save time and money while lowering risk.

Dell Technologies and ADVA Ensemble factory-integrated to save time and money

ADVA Ensemble and Dell Technologies provide a true multi-vendor approach, with support for dozens of third-party VNFs from SD WAN, Firewall, WAN Optimization and many others, delivering choice and flexibility with no vendor lock-in. And with the new ADVA-Ready VEP1405 series, businesses can automate the deployment of these multi-vendor applications, regardless of which software they choose to run on the platform.

With this unified all-in-one combination, organizations can rapidly expand ADVA Ensemble to new edge locations on modern Dell Technologies VEP hardware. Dell Technologies and ADVA have co-engineered the ADVA-Ready VEP to provide a complete ADVA Ensemble solution, with synchronized tracking and prevalidation that automates the addition of new sites with zero-touch deployment capabilities. ADVA-Ready VEP devices are simply ordered, shipped, and powered on at the edge location. Factory integration of the ADVA Ensemble virtualization software platform and pre-configuration enables seamless, turnkey, and secure expansion of ADVA Ensemble environments at a global scale.



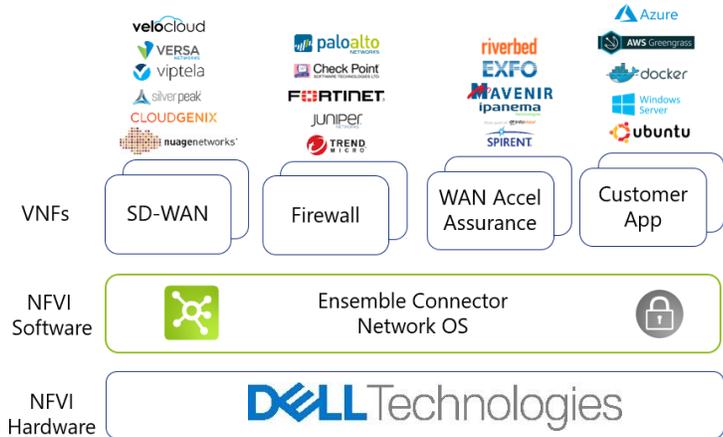
Dell Technologies and ADVA: The Open Networking Advantage

- **Truly Open Architectures**
 - Dell Technologies is the leader in Open Networking with a full portfolio of switches, access platforms, and software-defined solutions for the edge, core, and cloud. The VEP product line is purpose-built to be the ideal uCPE platform for hosting virtual networking
 - ADVA Ensemble fully embraces the principles of SDN and NFV to deploy services at the edge, core, and cloud
- **Ultimate Flexibility**
 - Replace legacy closed-system hardware with a software-defined solution available anywhere, paired with a flexible range of VEP open networking hardware models
- **High-Performance Virtualization**
 - ADVA Ensemble delivers multi-Gbit/s performance on purpose-built appliances powered by Intel processors, while maintaining low packet loss and reducing jitter
- **Zero-Touch Deployments at scale**
 - Responsive and adaptive framework plus factory-integration of ADVA Ensemble software with Dell EMC VEP hardware transforms network provisioning and enables rapid expansion at the edge without the need for dispatching resources onsite



About ADVA Ensemble

ADVA Ensemble enables users to realize the benefits of the cloud by replacing closed appliances with their choice of software that can be hosted anywhere in the network on their choice of open hardware. Dell EMC VEP1405 is an ideal hardware platform to host Ensemble and support a wide range of virtualized networking functions, from SD-WAN to firewalls.



About the Dell EMC ADVA-Ready VEP1405 Series

The VEP1405 is a purpose-built Universal CPE (uCPE) ideal for hosting virtualization software platforms like ADVA Ensemble and powerful enough to handle virtualized networking workloads like SD-WAN, routing, firewalls, or deep-packet inspection.

The VEP1405 is designed in a fixed desktop form factor, with optional rack mount kit, using Intel® Atom® C-3000 x86-based processor which is optimized for value, lower power consumption and multiple core options. The VEP1405 complements the higher performing modular VEP4600.

There are 2 models of the VEP1405 series for ADVA: VEP1445 (8 cores) and VEP1485 (16 cores). In addition to being ADVA-ready, the VEP1405 series may be utilized for a wide selection of VNFs, from other SD-WAN software to virtual security functions and networking applications.

- **Purpose-built** – hardware designed specifically for the needs of virtualized networking
- **Future ready** – VEP provides a platform to add more virtualized networking functions when needed
- **Validated choice** – Pre-loaded software from ADVA to save time and make expansion seamless

Transform Networking with Dell Technologies and ADVA

To learn more about how the ADVA-Ready VEP1405 series can enable your networking transformation, please visit

www.delltechnologies.com/VEP