

DELIVER A SIMPLE AND CONSISTENT DISTRIBUTED ENTERPRISE WITH VXRAIL



VxRail extends your enterprise environment to the edge

ESSENTIALS

- Customize compute and capacity deployment for each remote location while maintaining a consistent management environment.
- Simple set-up and remote management using familiar VMware tools reduces the need for onsite IT staff.
- Start small, with a few as three nodes. Single node scaling, storage capacity expansion, and vSphere license independence enable growth that meets business demands.
- Backup distributed applications or workloads with a comprehensive portfolio of data protection options, including RecoverPoint for VMs.
- With a single point of global 24x7 support for both the hardware and software, VxRail provides the ultimate appliance support for remote offices where there is limited onsite staff.

Distributed enterprises often encompass many remote offices that are essential to running the organization and supporting customers. Important activities at the edge include manufacturing, warehousing and distribution, even mobile or remote life-saving environments like health clinics. And while there is usually a central IT staff that creates the overall business architecture for the enterprise, specialized resources to deploy and maintain the infrastructure at the edge can be scarce.

Facilities footprint can also be an issue as remote locations are typically not set up like a data center with dedicated space, power, and cooling for legacy equipment that was typically required to run important applications.

DELL EMC VXRAIL – SIMPLICITY, CONSISTENCY, AND PERFORMANCE FOR THE DISTRIBUTED ENTERPRISE

VxRail™ Appliances are the industry's only hyper-converged appliance that integrate VMware vSAN software-defined storage, compute virtualization, and management software from Dell EMC and VMware. They are the optimal endpoint hyper-converged infrastructure appliances and the easiest and fastest way to extend your proven VMware environment across your distributed enterprise. A single, high-performance, and highly-available platform that is easy to deploy and centrally manage, VxRail is ideal for consolidating multiple applications in a remote location or acting as a bridge to applications or workloads residing in the cloud.

Simple deployment enables your remote offices to be up and running in minutes; all other configuration can be done remotely, virtually eliminating the need for onsite expertise thus saving money sending resources into the field any time there's an update or change locally.

FLEXIBILITY, SCALABILITY, AND PERFORMANCE TO SUPPORT ANY WORKLOAD

VxRail is designed to align storage, compute, and memory to match the requirements of your workloads, your IT environment and your consumption model. VxRail easily extends your VMware environment to minimize the impact on the people, processes and other technology that run your organization.

A wide range of platforms that you can configure-to-order, including graphics processing hardware, dense storage, and high performance computing, are designed to address any of your use cases, small or large groups of employees and locations of almost any size.

For smaller locations, you can now start with a 3-node cluster. This offers a lower price and scale point while delivering the same enterprise features and VMware management alignment. Single node scaling and storage capacity expansion provide a predictable, “pay-as-you-grow” approach for future scale up and out as business and user requirements evolve.

With VxRail you can simply consume fully integrated IT infrastructure with lifecycle management and a single source of support. Buying versus building delivers the best time-to-value, operational simplicity, and total cost of ownership savings that can exceed 30% over a build-your-own approach.

FULLY LOADED WITH ENTERPRISE DATA SERVICES AND DATA PROTECTION INCLUDED

All-flash VxRail Appliances include efficient and in-line deduplication, compression, and erasure coding. With these enterprise-class data services VxRail delivers high performance all-flash with increased usable capacity that lowers TCO and increases performance.

Enterprise class resiliency and availability is assured so users can be certain of application uptime. Backups can be run locally at the remote office or over the WAN to core data centers for central management.

Included VMware Data Protection (VDP) protects every application or VM on the VxRail Appliance. RecoverPoint for VMs provides simple, efficient, and proven disaster recovery for VMware vSphere, protecting virtual machines at a granular level and ensuring business continuity. Integrated EMC CloudArray seamlessly extends VxRail to public and private clouds. Available Data Protection Suite for VMware extends included data protection features with the industry’s broadest capabilities including backup and recovery, continuous data protection, monitoring and analysis, and search capabilities.

In addition, VxRail is the only hyper-converged appliance on the market offering Quality of Service (QoS) functionality that eliminates “noisy neighbors.” This functionality creates certainty that multiple applications can be hosted on the same appliance or in the same cluster without worrying about performance impacts.

FAMILIAR MANAGEMENT EXPERIENCE

Designed as one with VMware, VxRail provides existing VMware customers an experience with which you are already familiar. Virtual machine management through vCenter Server, and IT and Cloud automation with vRealize Operations and vRealize Automation lets you seamlessly extend your IT services and infrastructure, even reporting and self-service catalogs, to the edge.

WORLD CLASS SERVICE AND SUPPORT

With a single point of global 24x7 support for both the hardware and software, and backed by ESRS for dial-home secure remote connection for monitoring, diagnosis, and repair, VxRail provides the ultimate appliance support on the market.

CONTACT US

To learn more about how VxRail™ Appliances can help solve your business and IT challenges, [contact](#) your local representative or authorized reseller—or visit us at the [EMC Store](#).

