

# DELL EMC VXRAIL APPLIANCE



## ESSENTIALS

- Fully integrated, preconfigured, and tested hyper-converged infrastructure appliance simplifies and extends VMware environments.
- Seamlessly integrates with existing VMware eco-system management solutions for streamlined deployment and management in VMware environments.
- Multiple purpose-built platforms with build-to-order configurations to support a wide range of customer use cases including graphics-intensive VDI, big data and analytics, entry level and remote office, and high performance computing.
- Start small, with a few as three nodes. Single node scaling, storage capacity expansion, and vSphere license independence enable growth that meets business demands.
- All-flash models include a full suite of industry-leading enterprise data services from Dell EMC and VMware, including compression, deduplication, erasure coding, replication, backup, and cloud tiering.
- Single point of global 24x7 support for both the hardware and software.

## The standard in hyper-converged infrastructure

To grow and succeed you need to differentiate yourself from your competitors. To support the business as an enabler, your IT organization must break down silos of complexity and streamline operations to keep pace with today's on-demand business culture and users.

Dell EMC VxRail™ enables you to buy business outcomes. It accelerates and simplifies IT through standardization and automation, allowing you to focus on:

- Getting infrastructure operational as quickly as possible while leveraging existing investments and skill sets
- Enabling (not impeding) business applications
- Making infrastructure growth transparent to the needs of the application and users

Industry analyst firm, Enterprise Strategy Group, agrees that speed and agility are critical, stating, "A modern data center can't have infrastructure provisioning take weeks or months and expect to stay competitive."

VxRail is the *only* fully integrated, preconfigured, and tested HCI appliance powered by VMware Virtual SAN™ and is the easiest and fastest way to extend a VMware environment. VxRail provides a simple, cost effective hyper-converged solution that solves a wide range of your challenges and supports most applications and workloads. Dell EMC VxRail features purpose-built platforms that deliver data services, resiliency, and QoS, enabling faster, better, and simpler delivery of virtual desktops, business-critical applications, and remote office infrastructure.

## FLEXIBILITY AND CHOICE

A wide range of platforms and configure-to-order hardware are designed to address any use case. The addition of Dell PowerEdge servers expands the portfolio to deliver GPU hardware, dense storage and high performance computing options, allowing you the flexibility to choose the VxRail Appliance that is best for your need. Single node scaling and storage capacity expansion provide a predictable, "pay-as-you-grow" approach for future scale up and out as your business and user requirements evolve. The VxRail portfolio includes:

- **G Series** – General purpose 2U/4Node chassis refreshed from the current VxRail platform. The G Series is best suited for a broad range of hyper-converged use cases and continue to be available in all-flash and hybrid configurations.
- **V Series** – VDI-optimized 2U/1Node appliance with GPU hardware for graphics-intensive desktop deployments. If your customer may want GPU acceleration in the future, order a V Series now and they can add GPU cards later.
- **S Series** – Storage dense 2U/1Node appliance for demanding applications such as virtualized Microsoft SharePoint, Microsoft Exchange, big data, and analytics.

- **P Series** – Performance intensive 2U/1Node appliances optimized for heavy workloads such as databases.
- **E Series** – Entry level, cost-effective 1U/1Node offering for small and remote deployments.

To continue to make VxRail more accessible for your distributed environment and remote offices, 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.

Bring-your-own VMware vSphere® licensing further extends your flexibility by enabling you to apply the functionality you need at the hypervisor level. This also increases savings by leveraging your existing licenses or ELAs. Apply vSphere Enterprise Plus, Standard, or Horizon bundles when the appliance is dedicated to VDI.

## SCALABILITY AND PERFORMANCE

Based on VMware vSphere and VSAN software, and built with new Intel Broadwell processors, the VxRail Appliance allows you to start small and grow, scaling capacity and performance easily and non-disruptively. 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.

## BACKUP AND RECOVERY

Included VMware Data Protection (VDP) protects every application or VM on the VxRail Appliance. Deployed as a virtual appliance with up to 8TB capacity, VDP features familiar vCenter web client management. 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 Appliance to public and private clouds to securely expand storage capacity to the cloud. 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.

## USABILITY AND MANAGEMENT

VxRail Appliance provides existing VMware customers an experience with which they are already familiar. VM management through vCenter Server, and IT and Cloud automation with vRealize Operations and vRealize Automation lets you seamlessly integrate VxRail into your existing data center infrastructure.

## 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](#).



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