

Top Reasons Why Organizations Choose VxBlock 1000 Converged Infrastructure

1 | Turnkey system for the data center

Industry-leading VxBlock 1000 converged infrastructure simplifies all aspects of IT by seamlessly integrating all the compute, network, storage and data protection and cloud management technologies you need into one engineered system. It's an all-in-one, "data center in a box." You can offload the complexities and risks associated with managing enterprise-grade data center infrastructure so that your IT teams can confidently focus on higher-value activities.

2 | Flexible technology choice

VxBlock System 1000 gives you a choice of industry-leading technologies to meet the needs of your various mission-critical workloads. Mix and match powerful Dell EMC storage and data protection options, Cisco UCS blade and rack servers, Cisco LAN and SAN networking, and VMware virtualization and cloud management.

3 | Built for private and hybrid cloud

VxBlock 1000 leverages its deep VMware integration to simplify automation of everything from daily infrastructure provisioning tasks to delivery of IaaS and SaaS. The system includes complimentary VMware vRealize-based M&O and automated workflows. Now it features support for VMware Cloud Foundation integrated on a modernized management domain, helping customers quickly pivot toward hybrid cloud backed by high-performance external storage options like PowerStore.

4 | Lifecycle management through CloudIQ and VMware Cloud Foundation

VxBlock features next-generation lifecycle management (LCM) of the cloud management and hardware stack, enabling your team to more flexibly plan ahead and control your converged system lifecycle. You gain granular control over hardware inventory, milestones, support interoperability and upgrade scenarios as well as day-one to ongoing cloud stack operations.

5 | Lower risk than "build it yourself"

The VxBlock 1000 is not a reference architecture or a bill of materials. It's a fully integrated system that is engineered, manufactured, managed, supported and sustained as one product, delivering a turnkey experience. Dell Technologies validates interoperability of components and provides a predictable system maintenance process that improves availability and productivity.

6 | Faster deployment

VxBlock 1000 is customer-configured and built to meet your unique environment utilizing our Logical Configuration Survey. Every system is also factory-tested based on the best practices gained from deploying thousands of Dell Technologies converged systems. In addition, VxBlock 1000 is ready to support production workloads within days of reaching your site.

7 | Trusted for critical business workloads

VxBlock business outcomes really shine with critical business applications like SAP, Oracle, Microsoft SQL and Epic where “good enough” will not get the job done. Organizations worldwide rely on VxBlock to keep their critical business business up, running and protected at any scale.

8 | All-flash performance and reliability

Take the guesswork out of trying to predict your performance outcomes, of knowing which data services are enterprise-ready, or knowing how to scale your environment. The VxBlock 1000 is designed to deliver on all-flash performance all the time. It comes with inline data reduction technologies and supports encryption, integrated copy data management (iCDM), native replication, snapshots and a host of other enterprise-grade data services.

9 | Support and services

Dell Technologies delivers fully integrated, 24/7 support with a single call support. There's never any finger-pointing between vendors, and you can always rely on our fully cross-trained team for a fast resolution to any problem. Our portfolio of services (including deployment services, migration services and residency services) accelerates speed of deployment and integration into your IT environment and minimizes downtime by ensuring your software and hardware remains up to date throughout the product lifecycle.

10 | Perpetual architecture for investment protection and higher ROI

VxBlock 1000 is built with a perpetual architecture to ensure that your system stays ready to support the introduction of next-generation technologies such as PowerStore, VMware Cloud Foundation and NVMe. You remain ready to address increased performance and scalability requirements while maximizing the return on your system investment.