



APPLICATION SOLUTIONS

NEED A REASON TO CHOOSE NETAPP STORAGE FOR YOUR MECHANICAL DESIGN ENVIRONMENT? HOW ABOUT 10?

ACCELERATING INNOVATION AND TIME TO MARKET

The NetApp storage solution reduces downtime for mechanical design environments, ensures consistent peak performance, and enables collaborative engineering and design environments. Without these critical components, mechanical design teams can lose their competitive advantage and slow their time to market.

1. Unmatched collaboration for mechanical design environments. NetApp systems are the only storage solution in the industry that can natively support Windows®, UNIX®, and Linux® environments from the same box. NetApp storage can also support NAS, SAN, and iSCSI protocols harmoniously, allowing diverse and dispersed engineering teams to collaborate seamlessly. This type of unprecedented collaboration enables shorter engineering and design cycles and accelerates your time to market.

2. Breakthrough performance and modular scalability. NetApp offers mechanical design environments the ability to seamlessly scale from terabytes to multiple petabytes of capacity while scaling performance linearly. This flexibility enables your storage infrastructure, large or small, to grow with your business without disruption.

3. Highest availability. NetApp solutions offer the ultimate in data security, reliability, and availability. The unique NetApp Snapshot™ capability drastically reduces the backup window for engineering teams and contributes to quick recovery of deleted files. At the same time it delivers the flexibility engineering teams need to increase backup frequencies.

4. Disks replaced before you even know they're down. The NetApp integrated RAID implementation provides maximum protection against disk failure, minimizing disruption of services to the user community. In most cases NetApp delivers disks before engineering teams even know there is a problem.

REDUCING COSTS

By streamlining your resources, the NetApp storage and data management solution increases your engineers' productivity, reduces your operating costs through improved asset utilization, shortens your mechanical design cycles, and allows your storage environment the flexibility you need—all of which contribute to lower overall mechanical design costs.

5. Unrivaled productivity. Our storage solutions help reduce the time and complexity of everyday storage tasks, including capacity planning and dynamic provisioning, allowing engineers to spend more time engineering and designing and less time managing storage. With NetApp disk-based backup, engineers can access reference files and design files for reuse. This dramatically improves their productivity.

6. Maximize asset utilization. Our Data ONTAP® operating system includes leading NetApp FlexVol® technology, which pools storage resources automatically and enables the creation of multiple flexible volumes on a large pool of disks. With NetApp, your engineering teams can allocate storage on demand and get the most out of their storage infrastructure.

7. More flexibility. NetApp enterprise storage systems function as a "unification engine" that simultaneously supports Fibre Channel (SAN), IP storage area networks (iSCSI), and network-attached storage (NAS). All NetApp storage solutions leverage standard NetApp features, such as the highly optimized and scalable NetApp Data ONTAP storage operating system, enabling mechanical design teams to minimize complexity and costs while bringing unequalled flexibility to your mechanical design storage environment.

8. Managing availability becomes easy. Snapshot and SnapMirror® make it easy to back up test data, archive, and manage compliance requirements for engineering and design builds. The NetApp backup and recovery technology also allows for seamless mirroring of 3D models, simulation results, and historical designs for disaster recovery purposes.

“The NetApp storage solution’s ability to reduce the complexity of working in a heterogeneous environment, along with its reliability, and high performance were the key factors in our selection process. Our engineers and designers were impressed with the flexibility and manageability of the NetApp storage system, which significantly helped with our decision to choose NetApp.”

JOHN CROWLEY Director of Technical Infrastructure, UGS

9. In-depth collaborative partnerships for seamless application integration.

NetApp and its strategic alliances share a common vision for reducing complexity to provide a better return on investment (ROI) and a lower total cost of ownership (TCO). Joint testing, integration, and validation enable full interoperability to ensure complete, easily managed IT solutions.

10. Services and support you can trust.

Enterprise services and support help you test, develop, deploy, and manage your mechanical design environment. With the expertise to help, NetApp delivers global enterprise-class services and support to free up internal resources, maximize uptime, minimize disruption, and help ensure long-term success. NetApp offers services and support programs to complement every phase of the solution, from evaluation of environments to installation and services, to maximize returns on investment throughout the life of ownership.

ABOUT NETWORK APPLIANCE

Network Appliance is a world leader in unified storage solutions for today’s data-intensive enterprise. Since its inception in 1992, Network Appliance has delivered technology, product, and partner firsts that simplify data management. Information about Network Appliance™ solutions and services is available at www.netapp.com.



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