Powerful protection.
Powerful possibilities.

Dell EMC PowerProtect Appliances
Your ultimate choice in cloud data protection

Today’s digital economy demands that organizations look at new ways to accelerate IT transformation to drive better business outcomes, whether that’s to become more competitive, create new revenue streams, or increase operational efficiency. To achieve this, you need to protect your business with a solid foundation of data protection that keeps pace with unrelenting data growth, emerging workloads, and data distributed across edge, core, and cloud – all while ensuring your existing mission-critical applications and infrastructure are secure.

We’ve been helping customers around the globe address their data protection needs through a combination of proven and modern capabilities that has made Dell Technologies #1 in data protection appliances and software.¹

+ Less than 1 Cent GB/per month cost to protect²
+ 22% reduction in data protection admin costs²
+ 84% reduction in cloud resources and services costs²
+ 98% reduction in consumed storage resources²
+ 85% faster time to recover in the event of a disaster²
Appliances for data protection

Data protection appliances have been in the market for over a decade and since their introduction have grown in popularity with organizations seeking to improve reliability, speed, and efficiency for backup and recovery. Over the years, these appliances have continued to optimize storage and processing to deliver increasing levels of performance, efficiency, and scale while expanding data protection use cases.

In 2010, IDC began tracking this market under the category of Purpose-Built Backup Appliances (PBBA), which according to them was a $4B market in 2019. The PBBA market is made up of two types of systems: target systems, which require standalone backup software or application integration, and integrated systems, which deliver all-in-one protection storage and software in a single appliance.
Dell Technologies has been #1 in Purpose-Built Backup Appliances (PBBAs) since IDC began tracking the market. In fact, nearly 50 cents of every dollar spent on a PBBA is for a Dell EMC solution— a strong indication of our customers’ trusting Dell Technologies for their data protection. Dell EMC PowerProtect appliances represent the next generation of systems that are simple, efficient, and agile to meet the most demanding data protection requirements.

Nearly 50 cents of every $1 spent on a PBBA is for a Dell EMC solution
We make it simple with one stop for all your data protection needs

We make it simple to choose the right solution to fit your environment and meet your needs. Only Dell Technologies offers integrated and target systems, virtual editions, and data protection software, making us your one-stop shop for the broadest portfolio of solutions to safeguard your data. Spend less time searching for solutions from multiple vendors, which could increase your exposure to data loss and financial risk.4

We also make it easy to acquire our solutions with flexible consumption and payment options from Dell Technologies On Demand. In addition, our Future-Proof Program is designed to help you optimize your investments for the best possible outcomes.

“Having a one-stop shop for servers, virtual machines, storage arrays, data protection is of great value. I don’t have to maintain multiple vendor relationships.”

Kevin Pritchard, Head of IT and business systems, JANA Investment Advisers

Dell EMC PowerProtect Appliances
Dell EMC data protection appliances have consistently set the bar for performance, efficiency, and scale. Now more than ever, architecture matters when it comes to helping organizations address the demand for lower TCO, explosive data growth, and more stringent service levels. PowerProtect appliances continue to build on this legacy by delivering greater value than ever before.

- Up to 30% more logical capacity\(^5\)
- Up to 65x deduplication\(^6\)
- Up to 38% faster backup and 45% faster restore\(^7\)
- Instant Access/Instant Restore of up to 60,000 IOPS and instantly access up to 64 VMs\(^8\)
Data protection is always changing as the pace of IT transformation accelerates. PowerProtect appliances and software deliver the agility you need to ensure data protection not only adapts to new workloads but also helps propel your transformation.

- Extend to the cloud for long-term retention and manage up to 2x usable capacity
- Leverage cloud for orchestrated DR with 3-click failover and 2-click failback
- Back up data and applications in the cloud
- PowerProtect cyber-recovery data vaulting solution for Sheltered Harbor
- Protect advanced VMware environments and emerging workloads, like Kubernetes

"When researching cloud providers, it was the Dell data protection solution in the end that stood out to me because it straddled both on-premises and cloud recovery."

Kevin Pritchard, Head of IT and business systems, JANA Investment Advisers

Over 1100 customers trust Dell Technologies to protect their data in the cloud with over 4.0EB protected.
PowerProtect DP series appliances

All-in-one data protection software and storage in a single appliance to deliver backup, replication, recovery, search, analytics, and more. The fastest way to transform your data protection for the future. Easy to deploy and manage to help consolidate data protection in organizations of any size.

“Integrated appliances from Dell are a total solution that has been a winning package for us.”
Clifton Dorsey, Vice President, Warrell Corporation

+ Systems starting at 8TB to 1PB usable capacity
+ Flexible consumption and payment options
+ Cloud long-term retention and cloud DR-ready
+ VMware integration
+ Cyber-recovery integration
PowerProtect DD series appliances

The next generation of Data Domain backup appliances, delivering enterprise performance, efficiency and scale. Designed to meet backup, archive, disaster, and cyber-recovery needs for organizations of all sizes. Easily integrate with Dell EMC and third-party backup software.

+ Sizes from 1TB to 1.5PB of usable capacity
+ Flexible consumption and payment options
+ Software-defined version for ROBO, entry level, and cloud environments up to 256TB
+ Cloud ready for long-term retention and disaster recovery
+ Cyber-recovery integration
Better together

Dell EMC PowerProtect Data Manager, next generation software platform for proven and modern cloud data protection.

- Orchestrate protection directly through an intuitive interface or empower data owners from their native applications
- Streamline data protection directly for applications or Kubernetes containers
- Increase business resiliency with PowerProtect Cyber Recovery capabilities
- Leverage with DD series or DP series appliances

“PowerProtect Data Manager and PowerProtect Appliances have obviously been designed to work together... They work seamlessly.”

Drew Hills, Infrastructure Analyst, USC Australia
Dell Technologies On Demand includes a full selection of flexible, consumption-based payment solutions and services delivery models that can be combined to satisfy a broad range of requirements – so organizations can pay for Dell EMC PowerProtect appliances as they go, as they use it, and get it provided as a Service. This enables customers to more effectively budget for IT spending and pay for technology and services only as needed – all in a way that makes the most sense for them.

- **Pay as you go:** Make predictable payments over an agreed upon cycle – and grow over time at a pre-determined rate
- **Pay as you use:** Measure actual usage, set baseline capacity needs with the flexibility to elastically scale on demand

**Consume IT in the ways that best fit your needs and budget**
Powerful protection. Powerful possibilities.

PowerProtect appliances and software deliver the proven and modern capabilities you need to drive simplicity, efficiency, and agility for your data protection. Put the power of the Dell Technologies comprehensive, data protection portfolio to work for you. Let us show you how powerful data protection can lead to powerful possibilities for your business.
Dell EMC PowerProtect Appliances

Powerful Data Protection from Dell Technologies = Powerful Possibilities for Your Business

1 Based on IDC WW Purpose-Built Backup Appliance Systems Tracker, 2Q19 (revenue), September 2019.
4 Dell Technologies Vanson Bourne commissioned Global Data protection Index 2020 Snapshot.
5 Based on Dell EMC analysis of field telemetry from PowerProtect DD series appliances, October 2020. Results applied to PowerProtect DD and DP series appliances. Results will vary.
6 Based on Dell analysis of field telemetry from PowerProtect DD series appliances, October 2020. Results applied to PowerProtect DD and DP series appliances. Results will vary.
7 Based on Dell EMC internal testing with DD Boost protocol on DD9900 within DP8900 with DDOS 7.2 vs. DD9800 within DP8800 with DDOS 7.2, April 2020. Actual results will vary.
8 Based on Dell EMC internal testing using 8KB 100% read to measure peak IOPS, performed on PowerProtect DD9900 and DDOS 7.2, July 2020. Retest performed on DD9900 within DP8900, September 2020. Actual results will vary.
9 Based on internal Dell research and analysis, October 2020.