

**SOLUTION OVERVIEW**

# DP4400: Dell EMC's Integrated Data Protection Appliance with Cloud-Based Disaster Recovery

**World-class data protection capabilities for mid-size organisations in an appliance built to grow with your business**

Organisations today are faced with the tough job of managing increasing data complexity, due to ongoing data growth, greater application diversity and more users. And as many IT departments are shackled by budget and resource constraints, they are seeking solutions that enable them to do more with less.

Dell EMC'S Integrated Data Protection Appliance (IDPA) offers enterprise-grade data protection capabilities to companies of all sizes, helping to simplify data complexity and make data protection easier to manage. No business or location is too small to enjoy the benefits of top class data protection technology.

Dell EMC's converged data protection solution, DP4400, is the perfect mix of simplicity and power for small and mid-size organisations and remote office/branch office (ROBO) environments. It delivers the lowest cost-to-protect and is guaranteed under Dell EMC's Future-Proof Loyalty Program.

**Simplifying backup environments with compromise**

Dell EMC helps customers to modernise their data protection installations and replace legacy backup applications. The IDPA DP4400 offers complete backup, deduplication, replication and recovery, plus cloud readiness with disaster recovery and long-term retention to the cloud - all in a convenient 2U appliance.

DP4400 is simple to manage, deploy and upgrade. The appliance simplifies the management of data protection, removing silos and enabling teams to manage everything in one place. This saves team businesses time, money and resources, whilst reducing data complexity and requiring minimal footprint.

While other DP products sacrifice coverage, performance and efficiency in the name of simplicity, DP4400 delivers simplified data protection without compromise. Get powerful data protection capabilities at the lowest cost-to-protect, with performance and efficiency future-proofing guarantees.

**Easy-to-deploy solution**

DP4400 is tailor-made for SMBs and enterprise ROBO deployments. The IDPA is cost-effective and simple to deploy. The single management console and dashboard make the appliance easy for an IT generalist to use.

It is designed to grow with your business, so upgrades and expansion are made easy, with grow-in-place capacity expansion capabilities from 8TB to 24TB in 4TB increments and from 24TB to 96TB in 12TB increments. This includes simple license keys and requires no additional hardware, downtime or complexity.

DP4400 can be deployed in a matter of hours rather than days and you can natively expand to the cloud for long-term retention (LTR) and cloud-based disaster recovery.

**ABOUT VOHKUS >>**

Vohkus delivers IT enabled business solutions and services, and is a trusted technology partner for both private and public sector clients, many of whom operate across the globe.

Founded in 2001, we have quickly emerged into a leading UK Technology Company. We push the boundaries and our refreshingly agile and flexible approach has allowed us to develop a reputation for outstanding customer satisfaction, underpinned by cutting edge technology expertise and facilities.

**Our capability is end2end:**

**Consult >>> Design >>> Supply  
>>> Deploy >>> Manage >>>  
Support**

By concentrating on our clients' needs and challenges, we keep focused on the end result. We find better, more inventive, answers to business issues by getting closer to our clients and sharing ideas and knowledge – finding innovative new ways to transform their businesses.

### Efficient data protection and disaster recovery

Efficiency and future-proofing are guaranteed by Dell EMC. DP4400 delivers up to 20% more capacity in a 2U, 96TB appliance with an average rate of 55:1 deduplication, for protection of approximately 5PB of logical data.

Businesses can enjoy a lower cost-to-protect (up to 80% less) and get up to 4x more data protection capabilities. DP4400 delivers recovery with full orchestration, enables faster backups (up to 2x faster), supports 7x more backup streams and requires 98% less bandwidth use. It's also the densest 2U appliance available.

To meet ever-changing compliance and regulatory requirements, many enterprises are retaining large data sets for a longer duration, which can be expensive and complex to manage. With DP4400, organisations can take advantage of extensive cloud efficiencies for data protection, disaster recovery and long-term retention, all in a single appliance.

### Scalable solutions for future growth

DP4400 is highly scalable, future-proofing your business for ongoing data growth. The solution scales in line with your business needs. Dell EMC also protects your hardware investment by ensuring that when you're ready to expand, so is your appliance.

The IDPA enables seamless expansion to the cloud, thanks to native cloud DR and LTR add-on capabilities. And Dell EMC's Future-Proof Loyalty Program offers users a 3-year satisfaction guarantee and an up to 55:1 data protection deduplication guarantee, plus other great benefits and assurances.

### Built-in cloud capabilities and optimised for VMware

DP4400 is ideal for companies seeking to move disaster recovery to the cloud. It enables efficient and cost-effective native Cloud Disaster Recovery to Amazon AWS and Microsoft Azure with end-to-end orchestration, including failover in 3 clicks and failback in 2 clicks. Disaster recovery and rapid failover capabilities reinforce protection from data loss or security issues.

The IDPA has built-in Cloud Tier for LTR, protecting up to 14.4PB of data in the cloud. You can natively tier deduplicated data to a private, public or hybrid cloud for LTR, without the need for a separate cloud gateway.

Dell EMC's integrated data protection appliance is a powerful system built for VMware, offering comprehensive DP integration with VMware. With its leading VMware integration, it empowers vSphere Admins to perform most common backup and recovery tasks directly from the native vSphere UI.

Protecting up to 5x more VMs and with automation across the entire VMware data protection stack (VM deployment, deployment of proxies and movement of data to protection storage), DP4400 makes it easy to scale up to protect more VMs. And, it provides faster VMware backups and recoveries, and more efficient networking and capacity with its leading deduplication and bandwidth utilisation.

### Dell EMC DP4400 - key benefits at a glance:

#### Simple

- **Easy to manage** - automation for daily tasks and integration with native management tools
- **Faster deployment & seamless upgrades** - customer installable and upgradable 2U appliance
- **No more silos** - unifies data protection management and disaster recovery and removes the need for multiple vendors

#### Powerful

- **Comprehensive coverage** - largest application ecosystem
- **VMware-optimised** - Protect up to 5x more VMs in a 2U space, cost-effective to scale to more VMs and leading integration with

### vSphere

- **High-performance** - 55:1 average deduplication, plus up to 2x faster backups, 7x more backup streams, faster restores and up to 98% less bandwidth required than competitors

### Efficient

- **Lower cost-to-protect** - costs up to 80% less to protect and protects up to 4x more data
- **Faster backups** - enjoy up to 2x faster backup times
- **Densest 2U appliance** - enables up to 20% more capacity
- **Recovery with full orchestration** - cloud efficient with end-to-end orchestration

### Cloud-ready

- **Built-in cloud capabilities & efficiencies** - comes with 5TB licenses for Cloud Disaster Recovery and Cloud Tier, plus a Dell EMC RecoverPoint for VMs starter pack (including five VMs and a one-year subscription)
- **Cloud disaster recovery** - integrated cloud DR, protect in AWS or Azure (including seamless integration with on-premises DR, failover in 3 clicks and failback in 2 clicks)
- **Cloud tiering** - best-in-class deduplication to a private, public or hybrid cloud for LTR

### Scalable

- **Native expansion** - seamless upgrades and expansion to meet your changing needs
- **Grow-in-place and to the cloud** - grows in place from 8TB to 24TB in 4TB increments and from 24TB to 96TB in 12TB increments with simple license keys; extensible to the cloud with no additional hardware
- **Future-Proof Loyalty Program** - Dell EMC protects your hardware investment for no additional cost and accommodates changing technologies, with satisfaction and performance guarantees

### Working with Vohkus

Vohkus is a Dell EMC Titanium partner for hybrid cloud software-defined data centres, converged infrastructure, mobility and cybersecurity, recognised for our capabilities, resources and expert-level certifications. We have a vastly experienced team of industry experts and IT consultants, including specialists in data protection and data centre management.

As an experienced Dell EMC partner, we have a proven track record of guiding businesses through the successful deployment of a wide range of Dell EMC solutions, including DP4400, providing project management, migration and support services.

If you'd like to find out the cost of implementing an IDPA for your business, you can get a quote from our team.

To request a quote or speak to one of our consultants about Dell EMC's data protection and backup solutions, call **0345 647 2090** or send an email to **dps@vohkus.com**.