

## Dell Data Protection Advisor

Visibility and predictability across your cyber resilience environment

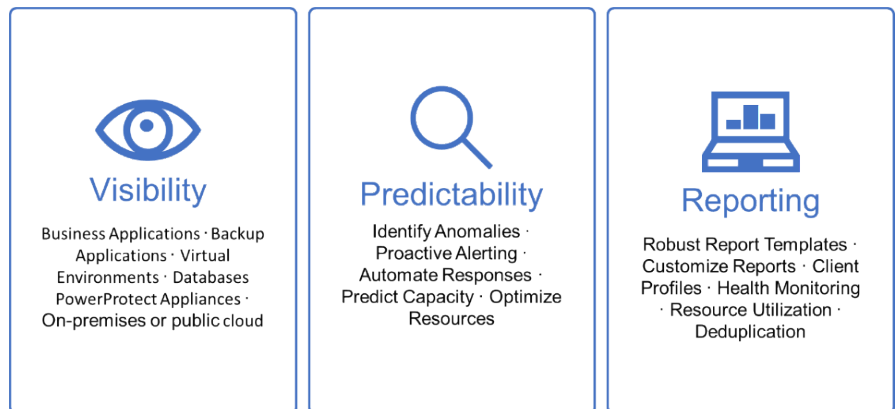
### Essentials

- Unify cyber resilience visibility by monitoring, alerting and reporting across a broad spectrum of Dell Technologies and third-party applications, data sources and environments
- Monitor applications and data on-premises and in the cloud
- Eliminate manual effort and improve predictability through automated processes for real-time protection assurance
- Spot potential cyberattacks through alert rules and the Data Protection Advisor Analysis Engine
- Reduce spending and improve performance by analyzing and optimizing under-utilized resources
- Improve service level compliance while reducing cost, risk and complexity
- Efficiently plan and manage storage growth and purchases
- Intuitive, easy to use interface

### Improve recoverability confidence and ensure service levels

Effectively managing your cyber resilience environment is labor intensive and complex. It requires knowledge of backup applications, replication technologies, and the entire supporting infrastructure. Adding to the complexity are varying service-level objectives for backup and recovery, replication, and virtualization, as well as audit and compliance requirements to consider. And, with many IT organizations managing multiple data centers, combined with new computing models, data is often spread across a mix of on-premises and cloud resources.

With Data Protection Advisor, you can automate and centralize the collection, monitoring and reporting of this data—and get a single, comprehensive view of your cyber resilience environment. With clear visibility, you can effectively manage service levels while reducing costs and complexity.



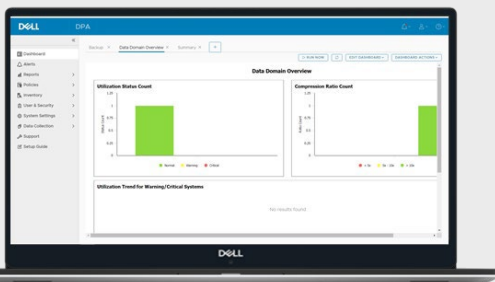
### Reduce costs

Imagine having a 24x7 watchdog for your IT environment. Data Protection Advisor proactively monitors conditions and automatically tells you if a process will break a policy or service level objective based on current trends. You also have insight into situations that may result in an unsuccessful backup, the ability to automate processes so you can appropriately staff IT projects, and how to more efficiently implement resources to reduce costs.

You also gain insights from Data Protection Advisor's cross-domain event correlation analysis, which provides a clear view into the entire cyber resilience path to ensure each component is working correctly. And that provides higher-level decision support based on defined policies.

### Spot potential cyber threats

To keep pace with constantly evolving ransomware and other cyber threats, Data Protection Advisor's Analysis Engine enables a proactive approach to anomaly and possible threat detection. With Data Protection Advisor, you can leverage built-in rules and policies to look for and alert you to common cyber attack precursors, such as unusually high data movement, unauthorized changes to backup configurations or increases in network utilization. This visibility can keep you one step ahead of bad actors.



## Supported Technologies

### Dell Technologies:

PowerProtect Data Manager  
Avamar  
NetWorker  
PowerProtect Data Domain  
Cloud Tier  
RecoverPoint for VMs

### Other applications:

CA Arcserve  
Oracle RMAN  
Commvault  
Veritas NetBackup  
Veritas Backup Exec  
HP Data Protector  
IBM TSM  
VMware VDP  
Physical Tape Library/VTL

### Virtual environments:

VMware

### Enterprise applications

Microsoft Exchange  
Microsoft SQL Server  
Oracle  
SAP HANA  
PostgreSQL  
DB2

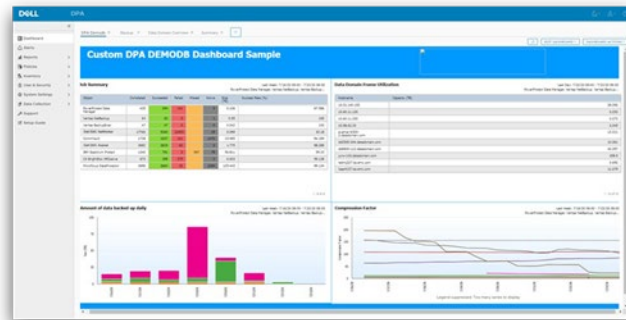
## Cloud enabled

Whether backup applications are running on-premises or in cloud environments, Data Protection Advisor provides the same level of visibility. Data Protection Advisor offers scalable, centralized multi-tenant cyber resilience management. This ensures service level attainment by enabling administrators to maintain performance as resource requirements change.

## Provide the right information to the right people

With a single view into your backup infrastructure, every stakeholder has access to the information they need. Via customizable dashboards with role-based access control or running a specific report, viewing the most important, yet environment-wide, information on one screen enables better operational decisions.

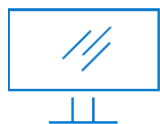
With a robust reporting engine, Data Protection Advisor offers an extensive set of report templates from which to choose across multiple categories, including Dashboard, Report Card, Backup / Management Operations Overview, Virtual Machines Not Protected, Client Deduplication Details, and Resource Utilization. With pre-configured reports you can simplify common tasks or customize your own. A flexible tenancy structure also allows end users to match and create reporting groups according to their own requirements or customize individual reports.



## Comply with audits

Unexpected, or expected, audits can take IT administrators out of their primary role for many hours or even days to verify compliance with regulatory guidelines. Remove this manual effort with rapid access to key indicators of protection and enable stakeholders to validate status and service levels themselves.

Data Protection Advisor provides you with insight and visibility into your cyber resilience environment, making backups easier and more efficient, while also providing a foundation on which to plan.



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Data Protection Suite



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