MICROSERVE

DELLTechnologies
TITANIUM PARTNER

Microserve and Dell Technologies Infrastructure Solutions

Accelerate, Optimize, Simplify, and Scale.

Add Value to Your Microserve IT Services With Dell Technologies Infrastructure Solutions

- Dell Technologies' portfolio offers important breadth and scalability for Microserve customers of every size and maturity level.

- Multicloud by design, supports the environment that's right for you.

- Powerful blend of servers, storage, and technologies through Dell Technologies' comprehensive suite of infrastructure solutions enables us to meet every client's unique needs.

  - **PowerEdge servers**
  - **PowerStore all-flash storage**
  - **VxRail hyperconverged clusters**
  - **PowerProtect data protection**

- Gain flexibility to deliver workloads and applications in the environment that suits you.

- Benefit from a cost-effective and secure environment at every stage in your digital transformation journey.

Digital Transformation in a Mission-Critical Data Center

Problem statement

In a previous project, Microserve worked with a large college that had outgrown its aging IT infrastructure, leading to increasing reliability issues with legacy hardware and risks of data center failure. This higher-education institution sought to:

- Modernize its data center technology.
- Consolidate existing workloads.
- Flatten its physical servers and architecture.
- Reduce its environmental footprint.

Primary Solution

- Dell EMC VxRail Hyperconverged Infrastructure (HCI) platform with VMware ESXi for the hypervisor

Outcomes and Benefits

- Modernized technology for 25,000 students and 2,000 staff
- Two-phase project accelerating modernization while protecting performance and user experience
- Support for the most demanding workloads and applications
- Turnkey experience
- Affordable procurement contracts for Dell EMC storage equipment and server hardware

Cloud Solutions

The combination of Dell Technologies solutions and Microserve's cloud offerings enables powerful optimization capabilities. We leverage the Dell Technologies Live Optics tool to gather and assess data about your IT environment. By delving into metrics such as application intensity, read and write volumes, data use, network activity, and CPU consumption, we can help you understand and visualize your workload performance.
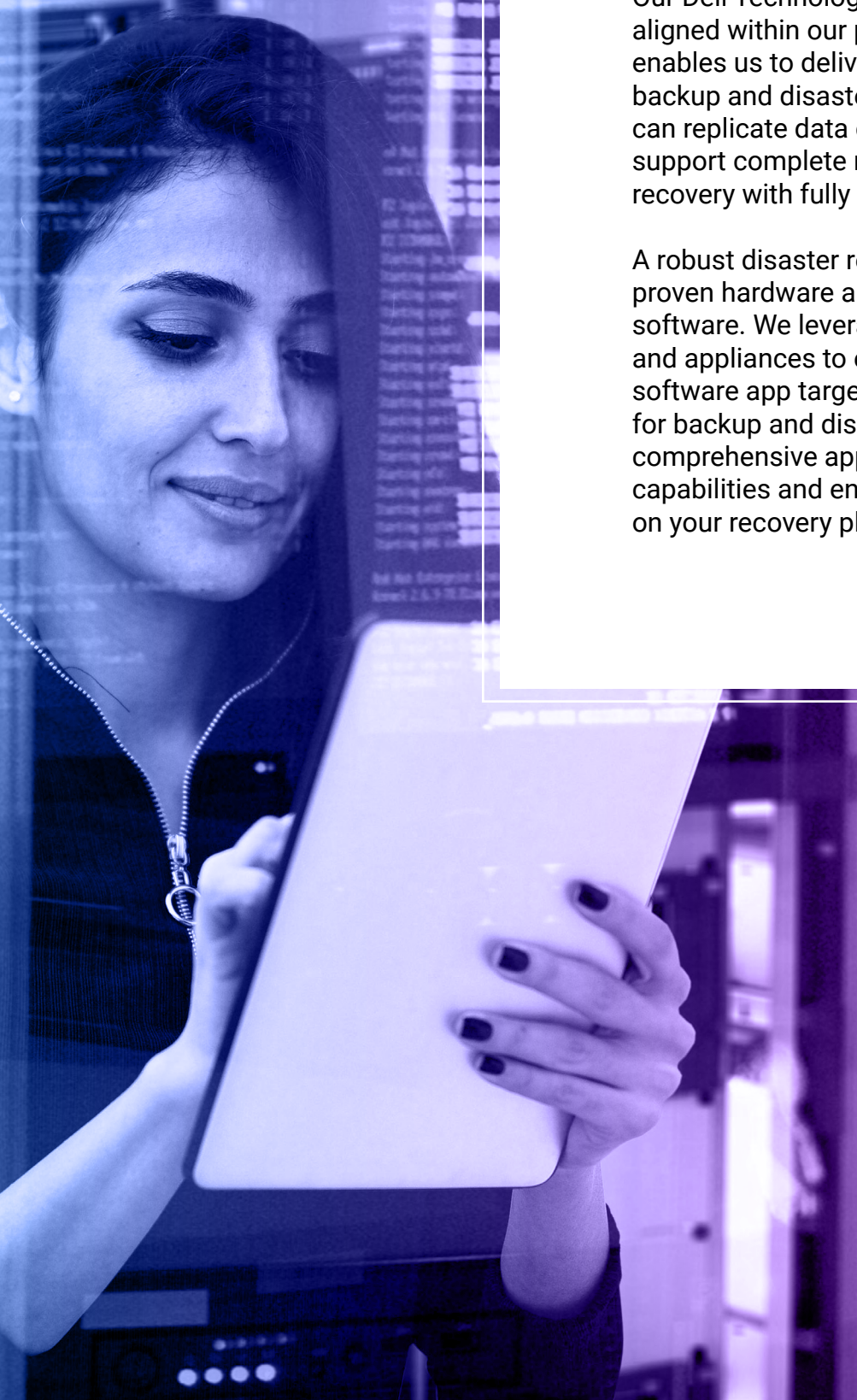
You'll have visibility to make strategic decisions around what should remain on-premises and which workloads and data are best supported by a migration to the cloud. The result is the ability to understand and right-size your cloud and on-prem deployments.

Backup and Disaster Recovery

Our Dell Technologies partnership is carefully aligned within our portfolio of offerings. This enables us to deliver a strong and innovative backup and disaster recovery solution. We can replicate data center environments that support complete redundancy, allowing quick recovery with fully functional workloads.

A robust disaster recovery solution relies on proven hardware along with industry-leading software. We leverage Dell servers, storage, and appliances to ensure that Veeam software app targets are properly associated for backup and disaster recovery. This comprehensive approach delivers critical capabilities and ensures that you can count on your recovery plan when you need it most.

IT Security

We deploy Dell Technologies solutions to bolster protection around data and workloads, keeping them safe from outside threats, malicious insiders, and simple human error. We work closely with Dell Technologies and other partners to ensure that your environments remain secure, even as threats continue to emerge and evolve.

• Dell PowerProtect Cyber Recovery

• Managed Detection and Response Pro Plus

• Business Resiliency Services

• APEX Cyber Recovery Services

• PowerScale Cyber Protection

• CloudIQ

Staying ahead of cyber risks calls for a full-scope solution. We combine Microserve and Dell Technologies' expertise to evaluate and elevate customers' IT security postures. Using our blended knowledge and technologies, we can assess your environment and deliver powerful, one-stop security capabilities.

Project and Consulting Offerings

Dell Technologies' infrastructure solutions expand the services Microserve can offer clients to better identify and optimize technology deployments. We partner to assess customers' requirements, determine the technologies best suited to solve for those needs, and then help to deploy the most effective tools and solutions inside the client's environment.

Our comprehensive offerings empower you to achieve a successful migration. We help you to accelerate your data and application migrations so you're operational in your new environments faster.

Microserve's data center expertise complemented by Dell hardware and technology tools enables us to:

• Streamline migrations.
• Optimize environments.
• Enable scalability.
• Deliver better ROI more quickly.
• Manage consumption costs.
• Accelerate digital transformation and modernization initiatives.

MICROSERVE

At Microserve, we use technology to empower our clients to succeed. That means delivering the kind of IT consultation that helps turn your goals into reality. Founded in 1987, we support the IT needs of businesses and organizations across industries throughout British Columbia and Alberta.