

Manage the explosion of unstructured data with Dell Technologies.

Organizations of all sizes are looking for ways to effectively and cost-efficiently store unstructured data and unlock the insight and intelligence buried within it.

By its very nature, it is highly difficult to analyze and extract actionable intelligence from unstructured data. In addition, unstructured data can contain errors or inconsistencies that make processing it more time-consuming and error-prone.

AI offers some answers to this challenge. AI tools have become extremely adept at analyzing text for meaning and classifying it accurately, and machines can sift through thousands or millions of records much faster than humans can. Unstructured data allows for more complex models and predictions, and is a valuable resource for AI research.

We know that unstructured data is useful, but finding a cost-effective solution for managing it still presents a challenge. Fortunately Dell Technologies has a flexible portfolio of options to choose from to make managing this type of data easier and worthwhile. Let's take a look at the 4 solutions they present to meet these needs.

Dell ECS

PowerScale

Streaming Data Platform

ObjectScale

Dell solutions efficiently consolidate a wide range of file and object storage workloads at any scale.

Dell ECS: Cloud scale, geo-distributed object storage

Dell ECS, the world's most cyber-secure object storage, boasts unmatched scalability, performance, resilience, and economics. Deployable as a turnkey appliance or in a software-defined model, ECS delivers rich S3-compatibility on a globally distributed architecture, empowering organizations to support enterprise workloads such as cloud-native, archive, IoT, AI, and big data analytics applications at scale.

Dell ECS EX500

The perfect blend of economy and density, the EX500 delivers versatile capacity options

Dell ECS EX5000

Packs an unprecedented 11.2PB per rack, the EX5000 is the ideal high density, low TCO, multi-purpose appliance

Dell ECS EXF900

An all-flash ECS appliance, the EXF900, delivers extreme performance at scale

PowerScale: Modern, flexible scale-out storage

PowerScale, the world's most flexible and secure scale-out NAS solution, is designed to be reliable at any scale. Regardless of the kind of data, where it lives, or how big it gets, your data lake always stays simple to manage, simple to grow, simple to protect, and simple enough to handle the most demanding workloads of today and tomorrow. New QLC drives for PowerScale offer optimum economics for demanding NAS workloads with massive raw capacity of up to 186 PB in a 252-node cluster.



Streaming Data Platform: Analyzes and ingests streaming data from the edge

Data streaming from the edge continues to grow exponentially. With the influx of devices like security cameras, drones and mobile apps, even the most established organizations can feel like they are bursting at the seams. With this massive influx of data, it is time to begin, or re-structure, your organizations' digital journey.

The Dell Streaming Data Platform (SDP) is a platform for ingesting, storing and analyzing continuously streaming data in real-time. By combining this streaming storage solution with the convenience of out-of-the-box support, SDP provides ease of implementation to deliver next-generation business insights from valuable streaming data with little effort.

Capture insights at the speed of business.

- + Simplify storage needs
- + Create a foundation of unified data
- + Innovate using an array of applications

ObjectScale: Software-defined, Kubernetes-native object storage for VMware and Red Hat

Dell ObjectScale is the next evolution in enterprise object storage, designed for Kubernetes. Capable of scaling to any capacity and connecting sites from edge to core with a few simple clicks, ObjectScale serves as your globally accessible data lake for enterprise workloads such as cloud-native, IoT, AI, big data analytics and archive applications.

Software-defined simplified: Provide DevOps teams with Kubernetes-native object storage in a software-defined architecture

Enterprise proven: Deploy at scale with confidence using enterprise class technology and services

Powers modern apps: Support modern S3 workloads such as artificial intelligence, analytics and media content

Volta and Dell Technologies: Stronger Together

A strong ecosystem of technology partners enables us to help our clients solve all kinds of challenges. By integrating subsets of products and solutions from trusted manufacturers like Dell, our engineers design efficient and dependable infrastructures you can rely on.

How Volta Does It

EXPERT

Our team provides the depth of knowledge, skills, and resources you need to keep your IT systems running smoothly.

EXPERIENCED

Delivering 25+ years of deeply personalized IT services and solutions for a variety of clients.

INNOVATIVE

We enjoy brainstorming out-of-the-box solutions that produce results.

FLEXIBLE

Our clients experience a true 'ease of doing business,' when working with us.

URGENT

Your need for availability fuels our commitment to quick service response times.

ACCESSIBLE

We're always available and just a phone call away, including our 24/7 SOC services.

