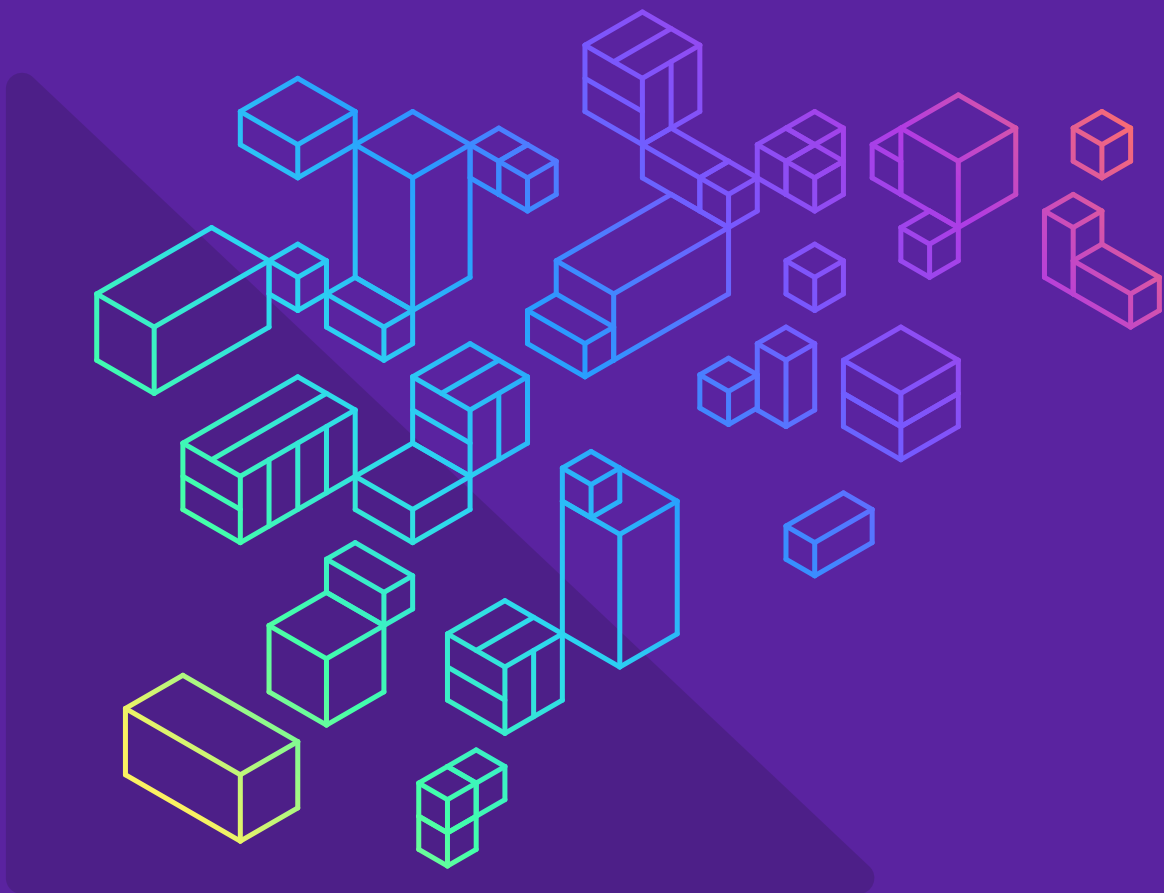# DELL Technologies

HCL

ArchiveNxt Powered by Dell EMC ECS

Get more value from unstructured data with smart data archival

Unstructured data is flooding into your business systems from sources such as the Internet of Things (IoT), 4G, sensors and cameras, and much more. To manage that data and get the greatest value from it, you need to classify and store it quickly and securely in a system that lets you use it when and where you need it — or easily retrieve it later. Smart data archival is the answer. A smart data archival strategy is a strategic imperative and a competitive differentiator that helps you be more efficient while optimizing your total cost of ownership (TCO).

▶ Common challenges of unstructured data

The nature of unstructured data can make it hard to control. You'll likely face the following challenges when dealing with your unstructured data, particularly if you manage it manually:

- Poor visibility into your unstructured data leaves you without a way to discern its value and associated risks.
- Ineffective or nonexistent data-classification capabilities allow out-of-date or irrelevant data to linger in your system indefinitely.
- Unmanaged dark data can accumulate over the years, inundating and bogging down your systems and infrastructure.
- Manual data management can't keep up with modern data governance needs, creating regulatory and compliance issues.
- Traditional archival storage strategies such as network-attached storage (NAS) and file servers create data silos and increase unmanageability.

Where will we store all that unstructured data?

Gartner predicts that by 2024:

- Large enterprises will store three times as much unstructured data as in 2020. This data will be stored as file or object storage on-premises, at the edge or in the public cloud.

- Software-defined storage (SDS) will account for 50% of global unstructured data storage capacity, up from less than 20% in 2020. This capacity will be deployed on-premises or in the public cloud.

▶ Manage your unstructured data with HCL ArchiveNxt, powered by Dell EMC ECS

HCL ArchiveNxt is a managed archival-as-a-service solution that helps you overcome the challenges of managing the high influx of unstructured data. With ArchiveNxt, you can meet next-generation data expectations with smart file analytics and smart data archival and disposition. Built on the Dell EMC ECS enterprise-grade object storage platform, ArchiveNxt is powered by advanced file analytics, offering multi-tier data classification based on criticality and activity.

With ArchiveNxt managed archival-as-a-service, you can:

Ingest and index unstructured data at scale. ArchiveNxt collects and indexes data from NAS and mapped drives, file servers, storage arrays, and any entity hosted on NFC/CIFS/SMB protocols.

Understand, classify and categorize your data so you can take the appropriate action. With ArchiveNxt you can archive, migrate, delete, retain, or restore your unstructured data — or apply a legal hold. Our advanced analytics enables user mapping and access pattern classification across files and folders.

Identify and tag inactive data properly. ArchiveNxt reduces the proliferation of dark data by accurately identifying less active data. You can then apply the appropriate action, such as moving it to a low-cost archival target like Dell EMC ECS while maintaining data integrity and user access.

Satisfy regulatory requirements. ArchiveNxt provides compliance-driven classification for audits and recordkeeping, and it enables you to easily identify and manage sensitive data. Our defensible deletion of out-of-date and irrelevant data keeps your data clean while protecting you in the event of an audit.

With its comprehensive support for data retention, legal hold, role-based access, and audit control, ArchiveNxt is a natural choice for organizations looking to improve application performance while meeting stringent requirements for data retention and compliance.

▶ Better together — ArchiveNxt and Dell EMC ECS

Dell EMC ECS, a unified object storage platform, provides the foundation upon which HCL ArchiveNxt captures, stores, protects and manages unstructured data. The platform frees up primary storage and helps you consolidate your archived data. It also provides native replication, a predictable cost model, instantaneous access to data and fast recovery times at a TCO up to 59.5% lower than the public cloud. With HCL ArchiveNxt and Dell EMC ECS together, you're in control of your storage and information governance practices.

Streamline object storage

Meet any capacity requirements, protect data and manage ECS with ease using built-in, enterprise capabilities.

Gains new insights

Get a deeper look into system health and locate data faster than ever before

Build next-gen solutions

From modern app development to deep archives, leverage the versatility and scale of ECS to power a data first future

▶ The benefits of a powerhouse partnership

ArchiveNxt and Dell EMC ECS provide end-to-end data archival services, including storage assessment, archival policy classification, solution implementation and managed services. Dell EMC ECS is enterprise-ready and enables ArchiveNxt to offer improved ROI, streamlined upgrades and analytics enhancements. We apply best-in-class industry practices around data archival and information lifecycle management to give you:

Limitless scale : The scale-out, geo-distributed architecture of Dell EMC ECS makes it easy for you to keep pace with the exponential growth of unstructured data.

Lower TCO : A consumption-based model combined with the enterprise performance and versatility of the Dell EMC ECS platform helps lower your administrative costs while enhancing your business agility.

Robust security : By enabling risk mitigation and the categorization of sensitive data (PII/PCI/PHI) to prevent unauthorized access, the solution better protects your unstructured data from security breaches.

Improved compliance management : Automated declarations, policy applications and record keeping help you remain compliant in an increasingly complex regulatory environment.

By properly and automatically reclassifying data, ArchiveNxt and Dell EMC ECS can help you reduce your storage and data footprint while also reducing data and compliance management costs. Users have reported as much as a:

60% drop in data-management costs due to data re-classification

59.5% lower TCO when compared with the leading public cloud provider

40% decrease in compliance-management costs

30% reduction in storage and data footprint

Pairing advanced file analytics coupled with the affordability and scalability of the cloud, HCL ArchiveNxt and Dell EMC ECS deliver flexible, robust data management and protection capabilities. These help you manage your data cost-effectively so that you can get the greatest value from it.

▶ HCL and Dell Technologies

HCL has a 360-degree corporate partnership with Dell Technologies and engages with the company across a broad portfolio of services and products. Together we cater to the entire information lifecycle management, of which data archival is a key component. We offer end-to-end technical solutioning, managed services and operations, along with as-a-service offerings on a consumption-driven model to meet any enterprise's needs.

ArchiveNxt on Dell EMC ECS makes data archival easy, helping to mitigate data management-related challenges so you can manage all your data with confidence well into the future.

About HCL Technologies

HCL Technologies is a next-generation global technology company that helps enterprises reimagine their businesses for the digital age. Our technology products, services and engineering are built on four decades of innovation, with a world-renowned management philosophy, a strong culture of invention and risk-taking, and a relentless focus on customer relationships. With a worldwide network of R&D, innovation labs and delivery centers, and 150,000+ professionals working in 46 countries, HCL serves leading enterprises across key industries, including 250 of the Fortune 500 and 650 of the Global 2000. HCL generated consolidated revenues of US$9.9 billion (for 31 March 2020).

We offer an integrated portfolio of products, solutions, services, and IP through our Mode 1-2-3 strategy built around Digital, IoT, Cloud, Automation, Cybersecurity, Analytics, Infrastructure Management and Engineering Services, amongst others, to help enterprises reimagine their businesses for the digital age. For more information, please visit www.hcltech.com.

About Dell Technologies

Dell Technologies (NYSE:Dell) helps organizations and individuals build their digital future and transform how they work, live and play. The company provides customers with the industry's broadest and most innovative technology and services portfolio for the data era.

[1] Gartner's 2020 Strategic Roadmap for Storage.

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HCL Technologies (HCL) empowers global enterprises with technology for the next decade today. HCL's Mode 1-2-3 strategy, through its deep-domain industry expertise, customer-centricity and entrepreneurial culture of ideapreneurship™ enables businesses to transform into next-gen enterprises.

HCL offers its services and products through three lines of business - IT and Business Services (ITBS), Engineering and R&D Services (ERS), and Products & Platforms (P&P). ITBS enables global enterprises to transform their businesses through offerings in areas of Applications, Infrastructure, Digital Process Operations, and next generation digital transformation solutions. ERS offers engineering services and solutions in all aspects of product development and platform engineering while under P&P. HCL provides modernized software products to global clients for their technology and industry specific requirements. Through its cutting-edge co-innovation labs, global delivery capabilities, and broad global network, HCL delivers holistic services in various industry verticals, categorized under Financial Services, Manufacturing, Technology & Services, Telecom & Media, Retail & CPG, Life Sciences, and Healthcare and Public Services.

As a leading global technology company, HCL takes pride in its diversity, social responsibility, sustainability, and education initiatives. As of 12 months ending on March 31, 2020, HCL has a consolidated revenue of US$ 10.2 billion and its 159,000+ ideapreneurs operate out of 50 countries. For more information, visit www.hcltech.com

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