

# DELL EMC CONVERGED TECHNOLOGY EXTENSION FOR ISILON

Scale-Out Simplicity for Enterprise Information Technology

## GET CONTROL OF YOUR UNSTRUCTURED DATA

- Enables scale-up and scale-out data centers
- Combines modular grow-as-needed architecture with stability of converged infrastructure



- Optimizes on-demand resource sharing
- In-place analytics
- Essentially unlimited scalability

## Monetizing Enterprise IT

Enterprise IT is evolving from just executing on common “commodity” activities to enabling a business to capitalize on its information technology systems—in effect, turning a corporation’s data and data handling processes into a competitive asset. As part of that process, organizations are looking for ways to deploy IT infrastructure more quickly, at a lower cost, and with less risk—freeing up IT resources for innovation. The answer lies in purchasing infrastructure as a vendor-delivered, factory-tested, fully integrated system instead of a do-it-yourself, customized installation. This is where Dell EMC converged infrastructure (CI) comes in.

## Dell EMC Converged Infrastructure Supporting Unstructured Data

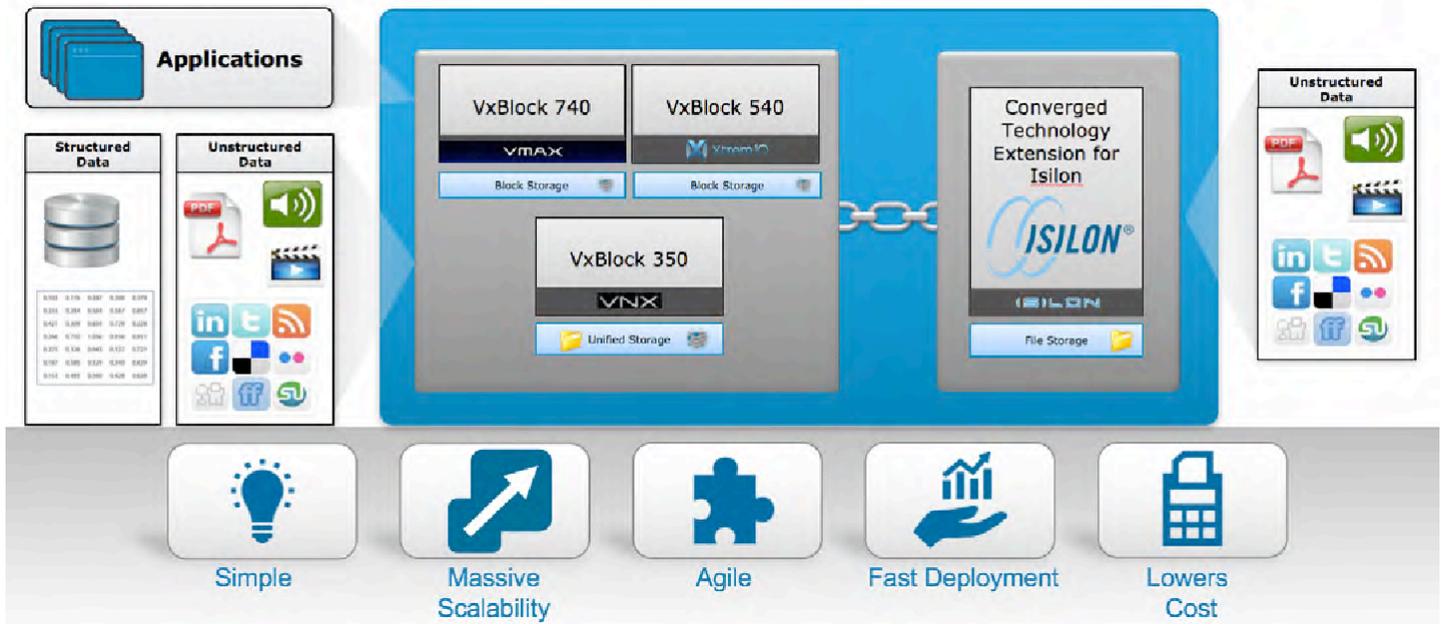
Dell EMC CI integrates enterprise-class compute, network, storage, virtualization, and management technologies into a solution that is engineered, manufactured, supported, and sustained as one. Industry-leading Dell EMC VxBlock Systems are ideal for mission-critical, well-defined workloads. Dell EMC Converged Technology Extensions provide an innovative way to expand and enhance VxBlock Systems without operational risk.

VxBlock Systems paired with the Converged Technology Extension for Isilon Storage deliver unique value—enabling your organization to store, manage, protect, and analyze unstructured data at enterprise scale. Customers with these solutions can flexibly support a wide range of workloads: Archiving, Big Data, Genomic/Medical Data, Video Surveillance, Home Directory, VDI, and SAP/Oracle/ Microsoft Applications.

## Key Features and Capabilities

The Converged Technology Extension for Isilon Storage is part of a broad portfolio of products built on the world’s most advanced and widely adopted converged infrastructure from Dell EMC. Now enterprises can add scale-out storage capacity to VxBlock Systems easily, all driven by application demand.

The result is a faster way to deploy a converged infrastructure with massively scalable storage to support file-based applications, helping you derive deep insights from enterprise Data Lake while protecting your CI investment and optimizing TCO.



## Dell EMC Converged Technology Extension for Isilon Storage

### Key Features and Capabilities

- **Simplicity**—Dell EMC provides an integrated platform rather than multiple technology stacks. The entire process of deploying scale-out converged infrastructure is simpler: planning, purchasing, installation, upgrades, troubleshooting, performance management, and vendor management.
- **Deployment Speed**—Infrastructure can be deployed in record time. IT can respond to business requests with “You can have it now” rather than “You can have it in a few months.” Plus the business can accelerate time-to-market of technology-based offerings.
- **Scalability**—The Converged Technology Extension for Isilon Storage allows performance and throughput to scale linearly with storage. It is a NAS scale-out solution that ultimately enables the enterprise Data Lake, allowing optimized handling of data with higher reliability, security, and availability—while maximizing the value of

data.

- **Architectural and Operation Consistency**—The Dell EMC converged solution provides operational and architectural consistency between your core CI and Isilon storage. It enables you to easily manage storage and deliver optimal IT support for petabyte scale-out NAS.
- **Reduced Risk**—Dell EMC CI reduces security, data protection, and regulatory risks through comprehensive tools for infrastructure control—including security, high availability, less disruptive upgrades, and a solid platform for disaster recovery.
- **Big Data/Analytics**—The Converged Technology Extension for Isilon Storage is ideally suited for scale-out applications, such as Hadoop big data applications. It is 100 percent compatible with Apache Hadoop distribution and has enterprise proven features for Hadoop workflows. Together with VxBlock Systems, the technology extension offers deeper insights for business through easy cross-correlation and supported big data applications.



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