

## Project Profile

**Large media and entertainment company picks DefendX to keep storage growth under control – and everyone honest!**

- 12 NetApp filers distributed across three North American data centers
- More than 2PB of file data, with an annual growth rate of almost 40%
- Over 250 departments utilizing shared file storage services

## Challenges:

- Lack of visibility into outsourced file storage environment made it difficult to validate billing and account for rapid storage growth
- Rapid growth made escalating costs more difficult to justify and accommodate
- No ability to consolidate analysis of distributed filer storage resources, usage trends and growth projections

## Solution:

The DefendX solution of Vision and Control ensures that valuable NetApp storage is optimized for legitimate business use.

**DefendX Vision** provides centralized visibility, analysis and financial accountability of global filer storage resources

**DefendX Control** establishes and enforces user and departmental storage resource quotas and automatic file blocking

## Outcomes:

**Drastic Storage Growth & Cost Reduction:** Since implementation, the customer has realized a 66% reduction in annual storage growth & related costs.

**Reduced Business Risk:** Automatic File Blocking keeps non-business files out of the environment and prevents departments from storing file types that aren't relevant to their business function.

**Accurate Growth Planning:** With storage resources tightly managed for legitimate business usage and full visibility of global consumption, accurate growth planning is now possible.

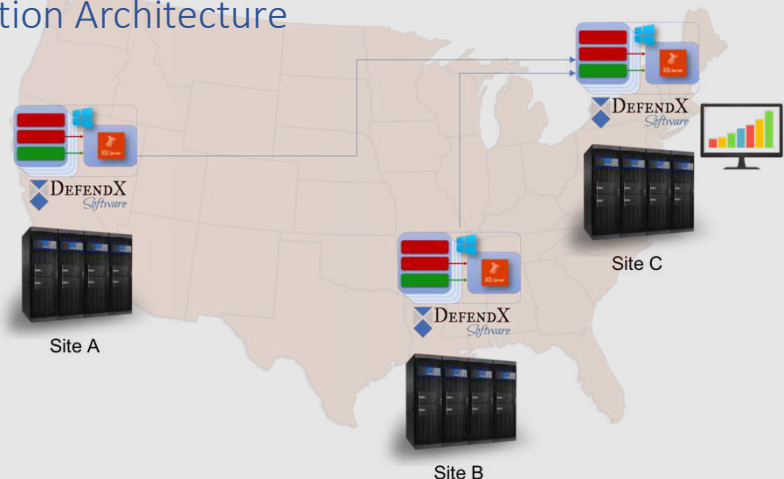
## DefendX Software

DefendX Software helps customers understand the files in their enterprise file storage environments, assess their impact on storage consumption and security, and act to maximize storage resource value and eliminate risks.

Through a comprehensive portfolio of products proven to work with a wide variety of file and object storage platforms, DefendX Software helps customers protect their most important files, while maximizing the value of the storage resources they consume.

Vision	Mobility	Control
<p><b>Analytics:</b> view detailed statistics about file types, storage volumes and storage resource usage</p> <p><b>Discovery:</b> find out what files can be removed and what files may represent risk</p> <p><b>Insights:</b> evaluate potential benefits of storage resource controls and file archiving</p> <p><b>Planning:</b> understand growth rates to plan for future purchases or potential cost savings</p> <p><b>Chargeback:</b> establish and enforce fiscal accountability for storage resource usage</p> <p><b>Trends:</b> understand file growth and storage resource consumption over time</p>	<p><b>Archiving:</b> seamlessly move inactive files to lower cost storage systems or cloud services</p> <p><b>Security:</b> limit rehydration and restrict copy-access to harmless stubs</p> <p><b>Protection:</b> archive critical files to multiple locations or utilize backup stubs to create copies</p> <p><b>Migration:</b> move files and stubs between NAS platforms to simplify platform transitions and preserve archives</p> <p><b>Cloud:</b> leverage S3-compliant cloud targets to reduce data center footprint</p> <p><b>Backup:</b> use archiving to reduce backup workloads and shorten backup cycles</p>	<p><b>Quotas:</b> restrict resource consumption by user or organizational department</p> <p><b>Blocking:</b> prevent unwanted file types from being stored on corporate file shares</p> <p><b>Auditing:</b> enable complete audit trails for file and user activity</p> <p><b>Legal Hold:</b> enforce legal hold orders by restricting file access and activity</p> <p><b>Governance:</b> enforce file management policies with automated alerts and actions</p> <p><b>Monitoring:</b> watch users and file locations for abnormal or suspicious behavior</p>

## Solution Architecture



To learn more, reach us directly:

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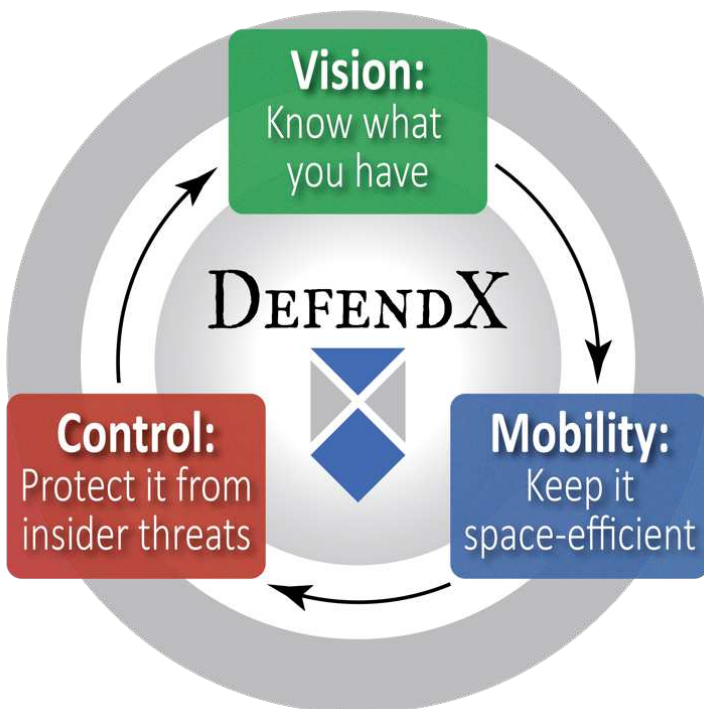
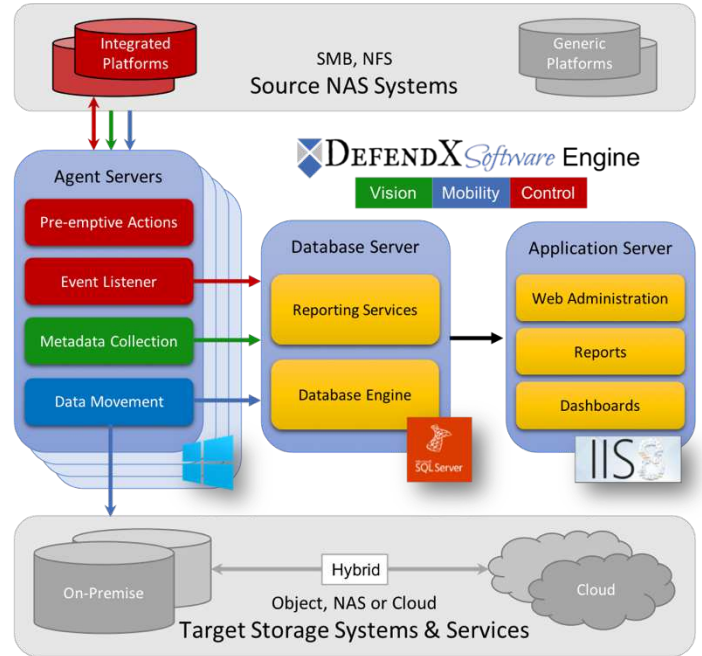
## Integrated File Storage Environments

For more than 20 years, DefendX Software has worked with major storage vendors to provide unsurpassed integration. These specialized components connect DefendX applications to storage operating systems to monitor file operations. Each time a client accesses a file from an integrated storage system, DefendX applications receive all the information on that action in near real time, **without** being in the data path. This enables full file control security, without the overhead of being "in-line".

### Platform Integration Features

- **Fully scalable:** Register one or more policy servers with one or more integrated storage systems - manage one storage host locally or 100 around the globe from a single system.
- **Optimized configuration:** Receive notifications for file operations such as opening, creating, or renaming files - perfect for high performance, large scale cluster systems. Only monitor what you need.
- **Open architecture:** Manage a truly heterogeneous environment. NetApp, Microsoft Windows, Hitachi and DellEMC - all in the same network, all under the same policy, all managed from one console.

DefendX uses this integration to define and enforce sophisticated file management, audit, and storage quota policies. These integration components also enable active archiving stubs, which create a seamless user experience with files archived by DefendX



### DefendX Benefits

**Protect your IP from the inside.** Important files and the people who have access to them can be monitored in real-time and audited over time, providing insider threat protection along with access policy governance and compliance.

**Secure and control storage growth.** Primary file storage platforms can be made more efficient by controlling storage resources through hard and soft quotas, blocking the storage of unwanted file types, and archiving large, stale files.

**Economize long-term storage.** Dense configurations of primary storage platforms, along with S3-compliant object storage platforms or cloud services can help maximize value by enabling more cost-effective, long term storage for archived files.

**Improve your active file environment.** A smaller, more efficient active file set opens the door to a better primary storage environment powered by all-flash configurations, or even consolidated into HCI systems with other IT-delivered services.