## Winner of
Microsoft's®
Innovative SharePoint ISV Award



# Relocate SharePoint Content BLOBs to the Cloud, a SAN, NAS...or all three.

### Put your BLOBs where they belong

StoragePoint® will dramatically reduce the size of your SharePoint® content databases 90%+ by keeping content BLOBs out of the database while maintaining only the metadata within SQL. Stored onto virtually any on-premise or Cloud storage platform; compressed, encrypted or both, the content BLOBs can be partitioned by SLA, isolation requirements, or retention policies.

### The BLOBs in the Database Challenge

Storing BLOBs within a SharePoint database creates a number of challenges as your content volume grows. It starts with exponentially larger databases, which require extended disaster recovery, indexing and maintenance timeframes. Worse, the additional SQL I/O overhead created by the BLOBs necessitates a disproportionate allocation of hardware to the database tier. And since SQL constrained to single storage profile, it can also require the use of costly, high-speed/high-availability storage for *all* content *(no matter its life-cycle or type)* in order to maintain system performance.

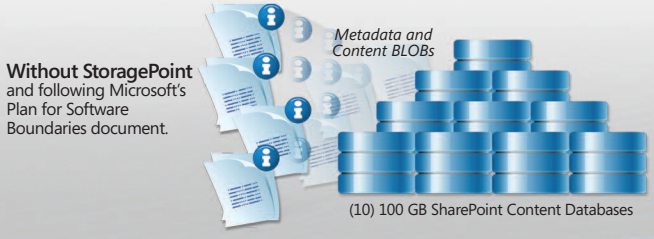
### SharePoint...Better!

With StoragePoint, the content BLOBs are relocated out of the database, enabling SQL to use more of its resources to process queries and manage transactions.

Translation, a more nimble, smaller (by at least 95%), and more scalable SharePoint content database with improved performance on virtually all fronts. Plus, no more lengthy backup times and you'll be able to quickly restore content databases when needed.

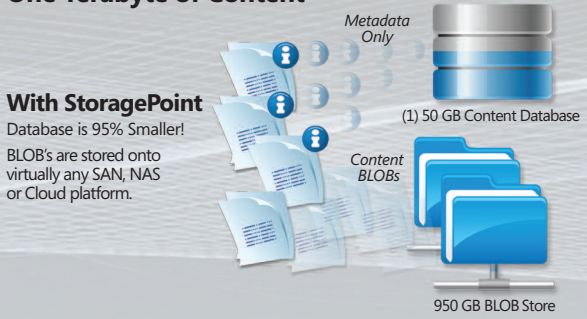
## StoragePoint®

- Improved SharePoint® manageability
- Easily manage terabytes of content in one content database
- Cheaper and easier SharePoint scalability
- Increase SharePoint® performance
- Increase security with up to 256 bit AES encryption
- No sacrifice of functionality or user experience




***Example***

**One Terabyte of Content**

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SharePoint® without Boundaries™

# Safe and Secure BLOB Transport


StoragePoint®

## 95% Smaller Databases are only the Beginning.

### Increase SharePoint Scalability

Content BLOB I/O (read/write) within a database is inefficient and typically the most complex tier to scale-out. With StoragePoint, the BLOB I/O is moved to the SharePoint Web Front-Ends which are more easily and cost-effectively expanded as your system grows.

### More Secure Content

Relocated content BLOBs can be compressed *(e.g.: leveraging Zip/Deflate or other compression schemas)* and encrypted *(up to 256 bit AES)*, adding additional layers of security beyond the access controls provided by SharePoint out-of-the-box. Additionally, access to the file store is restricted to service account(s), so users can't access the content outside of SharePoint's security context.

### Lower Scaling and Storage Costs

Smaller databases mean improved manageability which reduce care and feeding costs while a more economical scalability model *(i.e. Web vs. SQL tier)* maximizes your hardware investment. Further, you can reduce your overall storage needs by leveraging BLOB compression as well as integrating a variety of cost-effective storage mediums such as Cloud platforms.

### Relocate New and Existing Content

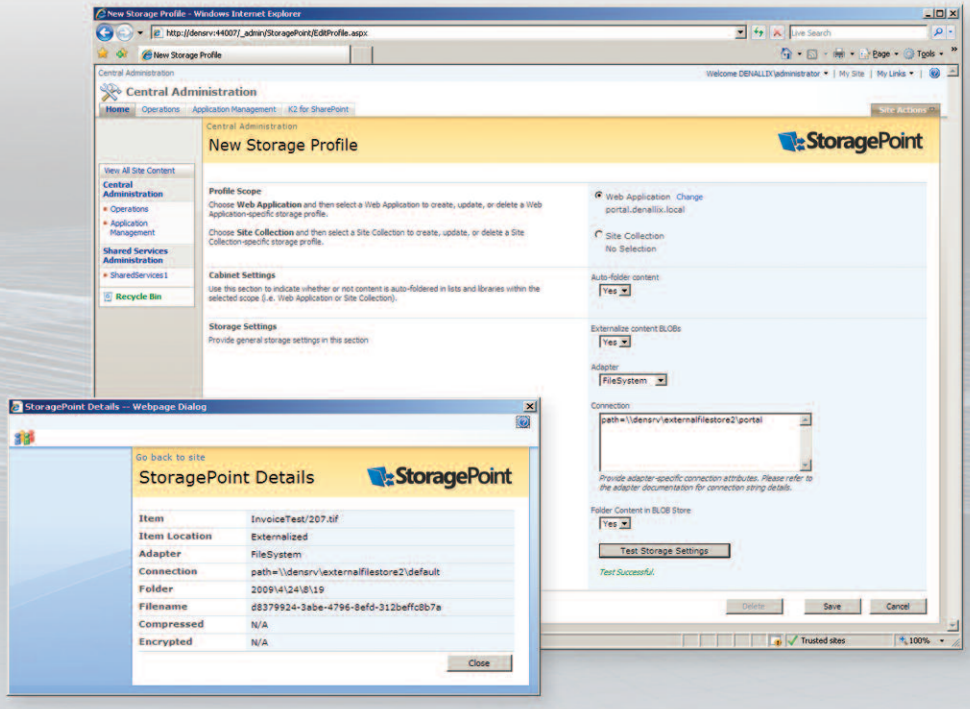
StoragePoint will keep your content database small as you add new content. Plus, StoragePoint has a feature that can even shrink your existing content databases by relocating the BLOBs within them.

### See how low you can go with the BLOBulator

A free download from our website, StoragePoint's *BLOBulator* will estimate the size of your SharePoint content database(s) as if you were using StoragePoint.

### Designed to Install and Setup in Minutes

Installed as a SharePoint Solution on a single WFE (Web Front-End) StoragePoint can be replicated to other servers within the farm. What's more, StoragePoint is entirely managed within SharePoint's Central Administration console. Setup a storage profile, activate a StoragePoint provider, and you're relocating content BLOBs. It sounds simple because it is.




### 100% SharePoint Compatibility

There is absolutely no use of undocumented APIs, database hacks, redirection with HTML placeholders or services sitting outside of SharePoint pulling content out in batches.

StoragePoint is 100% SharePoint compatible so you're assured of worry-free SharePoint upgrades, support and interoperability.

### Free, 30-day Trial

Sound too good to be true? Register on our website and download a free 30-day trial, then see for yourself.

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# StoragePoint

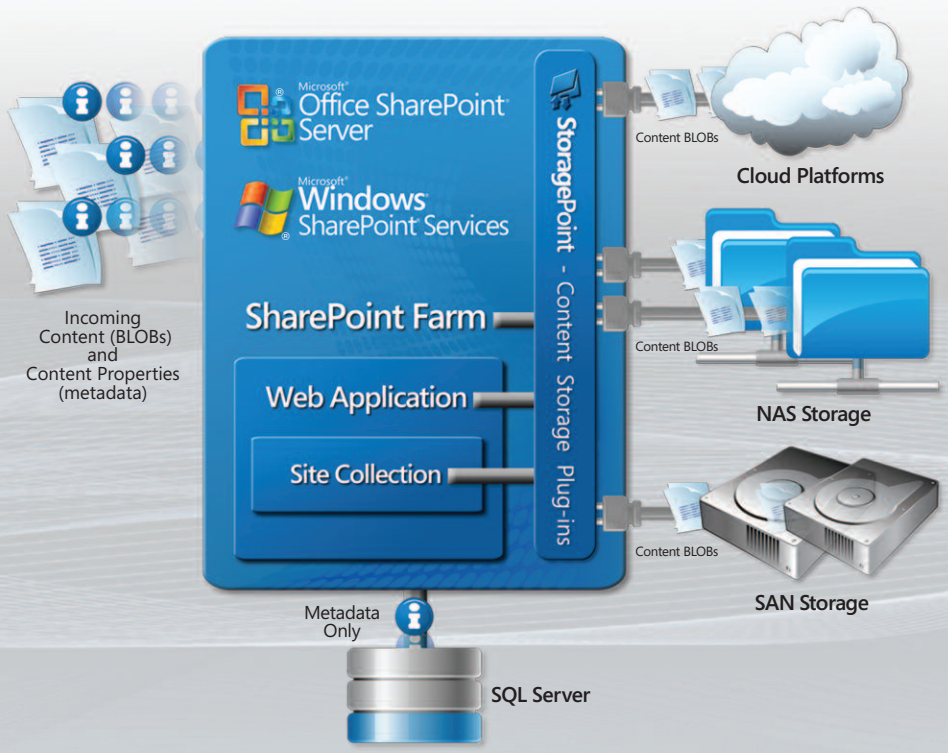
- Reduce your Content databases at least 90%.
- Externalize content to virtually any on-premise and or Cloud platform such as Microsoft® Azure™, EMC® Atmos™ onLine, Amazon® S3, and more.
- Secure transmission and storage with BLOB encryption.
- 100% native SharePoint API's and Services (100% .NET - No Java).
- More archive and disaster recovery options.
- BLOB I/O performed at the Web Front-Ends, not SQL.

> **StoragePoint reduced our largest database by over 98% as well as alleviated several challenges in our growing environment.**
>
> **With StoragePoint, we can now leverage our SharePoint investment on a much larger scale.**
>
> *Mark Wiley - IT Manager*
> *Chesapeake Energy*

## Real World Customer Results

Chesapeake Energy

| | Without StoragePoint | With StoragePoint | Difference |
|---|---|---|---|
| Size of Content Databases: | 450GB | Less than 20 GB | **Over 95% Smaller** |
| SharePoint Functionality: | Passed 100% | Passed 100% | **None** |
| End-User Experience: | Passed 100% | Passed 100% | **None** |
| Large File Uploads *(10-50 MB)*: | Several Minutes | Few Minutes | **Significantly Faster** |
| Index Crawl *(Full)*: | Over 24 Hours | Under 5 Hours | **Significantly Faster** |




### A Variety of BLOB Storage Options

StoragePoint ships with a generic File System *(i.e. Local, Domain, Network, and CIFS Share)* Adapter.

Optional plug-in adapters for other storage platforms such as EMC® Centera® and Hitachi® HCAP are also available as well as adapters for Windows® Azure™, EMC® Atmos™ onLine, Rackspace® CloudFS™, AT&T® Synaptic™ SaaS, Amazon® S3 and other Cloud platforms.

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## Key Functions and Features

**SharePoint Central Administration Managed**
Leverage existing roles and security.

**Orphaned BLOB Controls**
Removes BLOBs from the BLOB store after their associated items have been purged from the Recycle Bin.

**BLOB Compression**
Enabling compression on a storage profile can reduce the amount of space required to store the content BLOB. This feature is especially useful for large documents.

**Site Collection-specific Storage Profiles**
Different site collections can have their associated content externalized to different storage locations or devices. Also enables the ability to partition content by service level agreement (SLA) and/or isolation level.

**SharePoint Solution Deployment**
Leverage existing Farm resources.

**Timer Jobs to Recall Relocated Content**
Takes content that has been relocated and returns the content BLOBs to the SharePoint content database.

**Timer Jobs to Relocate Existing Content**
Looks for existing content that has not been relocated and relocates it. Reads the Migration Log and attempts to relocate content that failed to be relocated.

**List Item and BLOB Auto-foldering**
Improved scalability and performance by adhering to Microsoft's Plan for Software Boundaries document, specifically the stated 2,000 item per view guideline. The relocated BLOBs are also auto-foldered, which improves file system browse-ability and performance.

## System Requirements

StoragePoint runs on SharePoint servers running the Windows SharePoint Services Web Application Service including single instance or load-balanced web front-ends, dedicated index servers, or any other server type running this SharePoint Service.

### Minimum Server Software Requirements

- Operating System: Windows 2003 or 2008 Server. *Strongly recommend 64 bit*
- SharePoint Server: SharePoint 2010, (MOSS) or Windows SharePoint Services 3.0 (WSS)
  Microsoft Office SharePoint Server 2007 (MOSS), Standard or Enterprise
  - Service Pack 1 or Higher
  - 32 or 64 bit Editions
- Other Server Software: .NET Framework 2.0
- Browser: Internet Explorer 6.0 or Higher

### Server Hardware Requirements

While StoragePoint does not have any hardware requirements beyond what is prescribed by Microsoft for 2010, WSS or MOSS, we recommend the following minimums;

- Processor: 2 Dual Core Processors (AMD or Intel) 2.8GHZ or greater
- System Memory: 4 GB RAM
- Hard Drive Capacity: 20 GB

Microsoft Office SharePoint Server 2007

Microsoft SharePoint 2010

## About Metalogix Software

A Microsoft Gold ISV, Metalogix® Software enables organizations to migrate, manage, archive and recover enterprise content to ensure availability, regulatory compliance, efficiency, and cost effectiveness. With more than 5,000 customers worldwide from seven office locations; Boston and Dallas (US), Vancouver and Halifax (Canada) London (UK), Bratislava (Slovakia), and Schaffhausen (Switzerland) we develop highly-scalable solutions and tools which are deployed at some of the largest organizations around the globe.

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Business Process and Integration
Custom Development Solutions
Data Management Solutions
Mobility Solutions

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