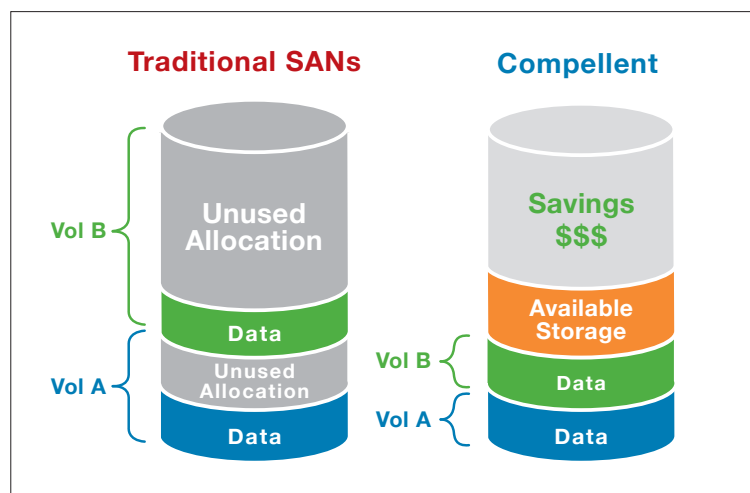


STORAGE CENTER™ DYNAMIC CAPACITY™

Delivering Maximum Utilization with Minimal Resources

With traditional storage systems, administrators must purchase, allocate and manage capacity upfront, speculating where to place storage resources and creating large, underutilized volumes with long term growth built in. This practice leaves the majority of disk space allocated yet unused, and only available to specific applications.



Increased Utilization: *Compellent's Dynamic Capacity eliminates the allocated but unused capacity that is an unfortunate by-product of traditional storage allocation methods.*

Compellent Delivers Unprecedented Capacity Utilization

Compellent's Thin Provisioning, called Dynamic Capacity, delivers the highest storage utilization possible by eliminating allocated but unused capacity. Dynamic Capacity completely separates storage allocation from utilization, enabling users to create any size virtual volume upfront, yet only consume actual physical capacity when data is written by the application.

Reduce Disk Spending. Delay future storage purchases and leverage storage price declines by better utilizing disk storage upfront and adding disks incrementally as needed. Buy up to 50 percent less drives when importing data from legacy systems.

Automate Time Intensive Capacity Planning Activities. Spend less time provisioning storage, expanding and assigning volumes, and manually tracking volume utilization. Advanced monitoring and trending further simplifies capacity planning. Automatically reclaim deleted file space in a Windows OS.

Increase Availability and Performance. Expand volumes online; utilizing actual instead of allocated disk space improves all volume-level operations such as copy, replication and rebuild.

Thin Provisioning That Delivers the Highest Utilization Rate in the Industry

KEY BENEFITS

- » Reduce storage costs by delaying storage purchases and eliminating the 40% to 60% of allocated but unused disk space typical for businesses
- » Save administrative time by automating common management tasks including capacity planning
- » Increase availability by eliminating downtime due to volume expansion
- » Improve performance by creating smaller volumes and writing only actual data
- » Support a greater number of servers without additional storage capacity
- » Reduce the space, power and cooling costs of maintaining allocated but unused capacity
- » Assign capacity to allow for future growth without having the physical disk in your SAN
- » Eliminate the wasted capacity of legacy storage when importing data
- » Automatically reclaim space in Windows OS

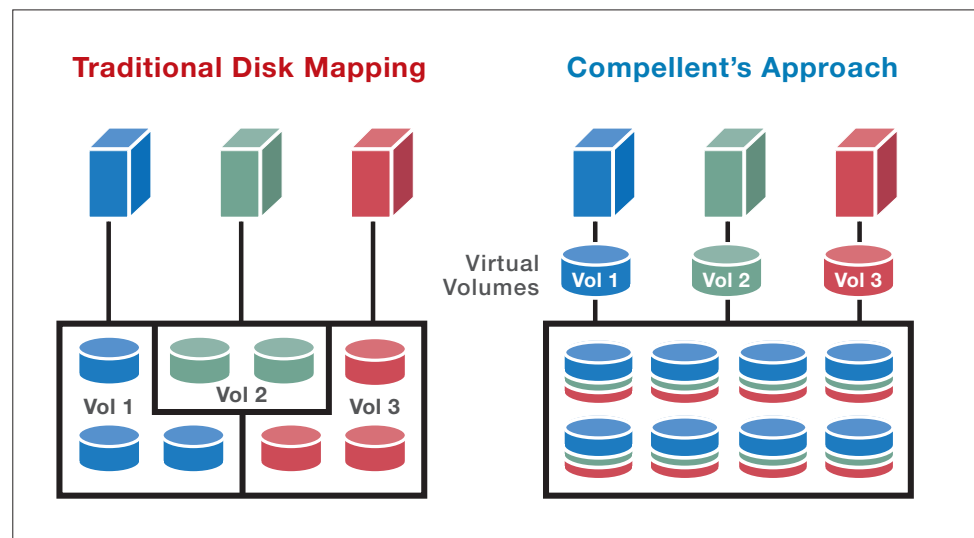
Traditional storage systems waste capacity with allocated but unused disk space. In fact, for many businesses, 40% to 60% of disk space is allocated but unused.

PRODUCT FEATURES

Advanced Virtualization Creates Common Pool of Storage

Dynamic Capacity works in combination with Storage Center's advanced virtualization technology to make all physical disk space available to all volumes from a single shared storage pool. Storage Center allows the creation of volumes without the need to pre-allocate disk space.

- » Virtualization spreads read/write operations across all of the disk drives rather than limiting availability to a single drive or group of drives dedicated to a volume
- » Create volumes from a common pool of storage space without the typical restrictions of RAID grouping or space pre-allocation
- » Any volume can simultaneously utilize all of the disk drives in the shared storage pool for improved data access rates
- » Expired snapshots are automatically coalesced into the free pool of storage

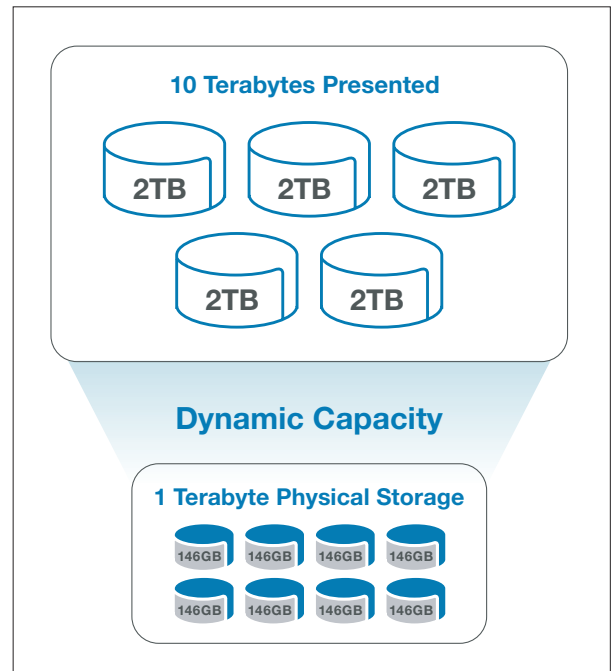


Advanced Virtualization: *Compellent's virtualization manages all the disks as a single pool of storage, allowing any volume to utilize all the disk drives simultaneously to access data.*

Unlimited Capacity Creation Within User-defined Thresholds Ensures Maximum Utilization

With Dynamic Capacity, you can allocate significantly more capacity than the physical disk you have available, enabling maximum utilization of storage resources. User-defined thresholds and automated alerts ensure the appropriate physical storage space will be available.

- » Capacity does not have to be fixed on a per-volume basis; volumes can easily be expanded over time
- » Volumes can be set to any size within the limits of the operating system
- » Administrators receive notification when free space remaining reaches customizable thresholds
- » Having a flexible pool of storage allows you to create more volumes for different applications, enables more servers to share a single storage system
- » Continual monitoring of allocated, used, and physical storage allows optimum thresholds to be determined

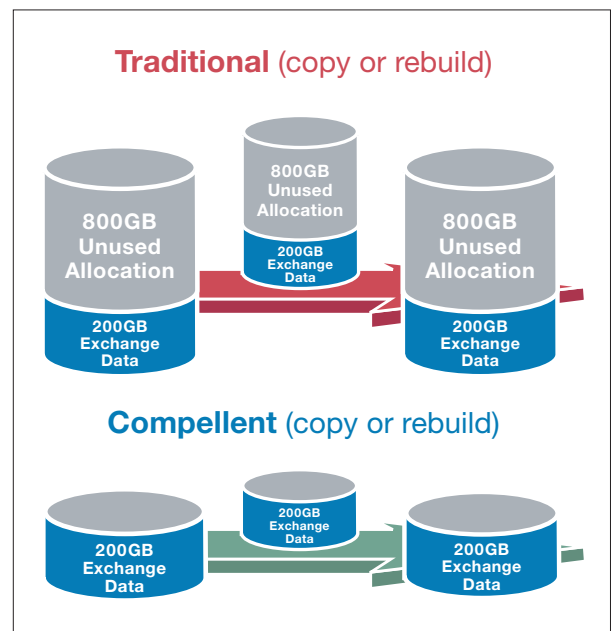


Over Allocation: Easily allocate multi-terabyte volumes where the capacity presented to servers is significantly larger than the physically available storage.

Increase Performance by Only Consuming Physical Space When Data is Written

Dynamic Capacity only consumes physical capacity when data is written by the application. This creates smaller, more efficient volumes, increasing the performance of volume-based operations. Because Dynamic Capacity allocates on write, there is less data to write overall and the system can easily manage where the data is placed on the disk, reducing seek time and improving the performance of repetitive disk operations.

- » Incremental allocation places data on outer edges of disk platters minimizing seek times
- » Dynamic Capacity volumes only contain actual data enabling faster rebuild, copy, replication and backup operations
- » Smaller, more efficient volumes enhance application performance
- » Replicating smaller volumes takes less time, reduces the amount of bandwidth required and increases replication performance

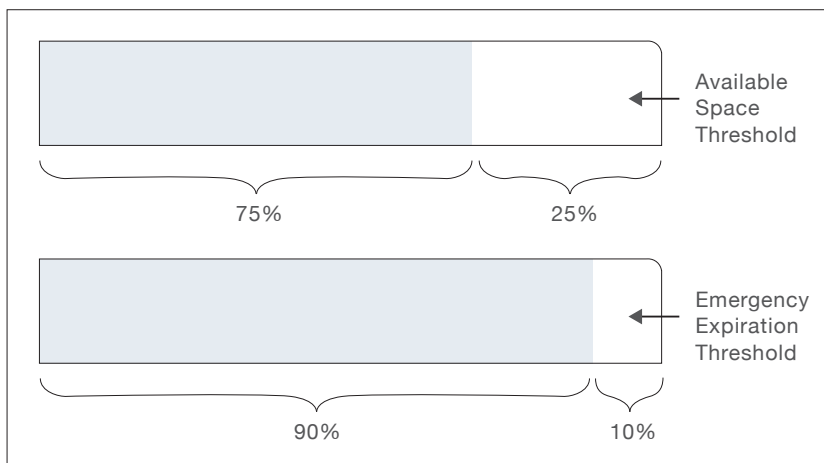


Improved Performance: Dynamic Capacity volumes only contain real data, accelerating SAN operations across a wide range of activities.

Thin Provisioning eliminates allocated but unused disk space and automates time-intensive management and capacity planning activities.

Automating Capacity Planning Saves Time and Increases Availability

Storage Center’s intuitive user interface automates routine administrative tasks such as LUN mapping and volume creation, saving valuable administrative time. With Dynamic Capacity you can easily resize volumes online without any downtime. Add disks, change RAID levels and expand volumes on the fly without disrupting data availability. Automated monitoring of configurable thresholds eliminates the need for time-consuming manual tracking of volume utilization.

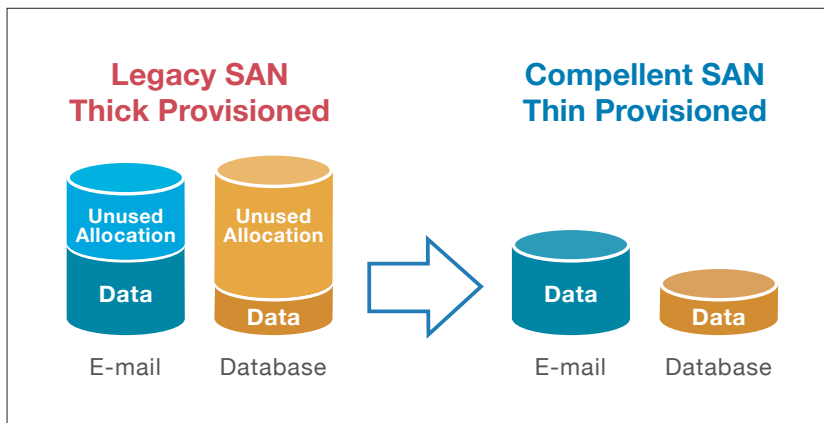


- » Allocate large virtual volumes upfront that don't need constant checking and resizing
- » Create new multi-terabyte volumes in minutes, not hours
- » Eliminate downtime associated with volume expansion and resizing
- » Eliminate the manual tracking of physical disks to volumes (i.e. Excel spreadsheets)
- » Automated monitoring and notification when configurable thresholds are reached simplifies capacity planning

Automated Notification: *Storage Center automatically notifies administrators when configurable capacity thresholds are approaching so disk drives can be added to the system before thresholds are reached.*

Thin Import Transforms Legacy Volumes into Thin Provisioned Volumes

Thin Import provides a simple way to migrate data from an existing storage system and immediately see the benefits of Compellent’s Thin Provisioning. Automatically converting wasted capacity into thin provisioned volumes dramatically improves utilization, cuts costs and reduces power and cooling requirements.



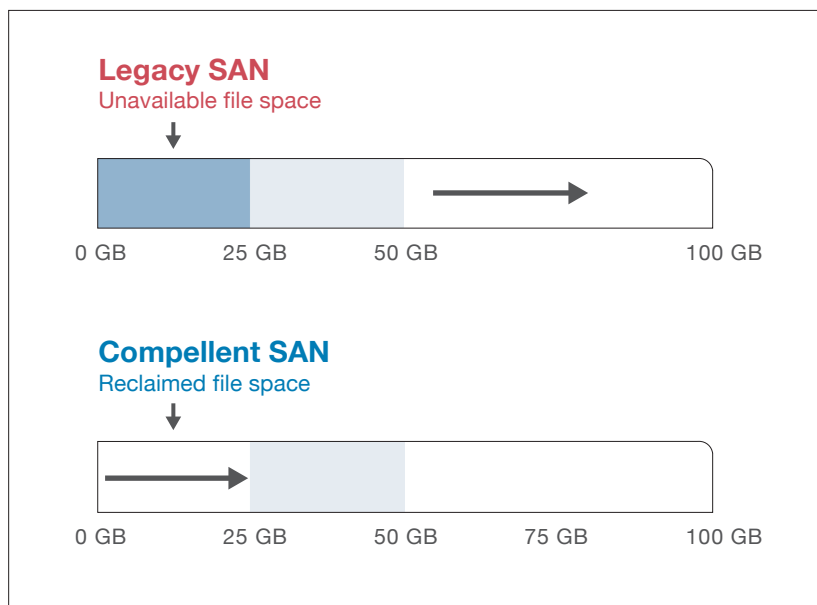
- » Buy up to 50 percent fewer drives when importing data from a legacy system
- » Eliminate the wasted space required by legacy systems that don't support thin provisioned volumes
- » Works in combination with Application Optimizer to create new volumes at the preferred page size

Eliminate Wasted Capacity: *Transform legacy storage data into thin provisioned volumes.*

Free Space Recovery Optimizes Thin Provisioning for Windows

Available with Enterprise Manager, Free Space Recovery operates with the Windows file system to identify and reclaim space that is no longer in use. In other SANs, after Windows files are deleted from a thin provisioned volume, the operating system will continue to report that the space is unavailable. Free Space Recovery automatically reclaims this space over time.

- » Seamlessly increase utilization with Windows file systems
- » Intuitive interface allows for schedule-based recovery or an immediate recovery
- » Automated management reduces administrative resources and includes notifications upon completion



Reclaim Available Space: *Improve utilization in Windows environments.*

Thin Provisioning Delivers the Highest Storage Utilization Rate

Dynamic Capacity reduces disk expenditures by completely separating storage allocation from utilization, enabling users to allocate any size virtual volume upfront yet only consume actual physical capacity when data is written by the application. Dynamic Capacity ensures the highest storage utilization and delays future storage purchases by eliminating over allocation, streamlining volume expansion and automating capacity planning.

COMPELLENT

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ABOUT COMPELLENT

Compellent delivers affordable, modular storage solutions exclusively through business partners that provide companies of all sizes enterprise storage capabilities without big system costs or complexities. Designed by network storage and virtualization pioneers, Compellent enables any business to cut storage expenditures in half, recover from data hazards within minutes, scale to any capacity across any technology and easily manage its storage without adding staff.

DYNAMIC CAPACITY SPECIFICATIONS

ARCHITECTURE

Allocate on Write Technology Yes

Pre-allocation Required No

Define Volumes Larger than Physical Storage Yes

Single Pool of Storage for All Volumes Yes

Automated Page-based Allocation Yes

Allocation Page Size 2 MB

Optimized Allocation using Dynamic Block Architecture Yes

Dynamic RAID Level Conversion Yes

SCALING

Maximum Size of Volumes Unlimited

Maximum Number of Volumes Unlimited

Maximum Provisioned Capacity Unlimited

PERFORMANCE

Disk Operations on Written Data Only (Including Copy, Replication and Rebuilds) Yes

Volume Creation Time Instantaneous

Volume Recovery Time from Replays Less than 5 seconds

MANAGEMENT

Unified User Interface Yes

Continual Storage Usage Monitoring Yes

User-defined Thresholds for Capacity Utilization Yes

Threshold Warning Notification Methods E-mail, Pager, Alerts, Phonehome

Storage Added Online without Disruption Yes

SERVER ENVIRONMENT

Server Agent Required No

Server Operating System Support Microsoft Windows, Sun Solaris, HP-UX, Linux, IBM AIX, Novell NetWare, Apple, Tru64, VMware