

# Centurion DiscHub

Data Backup and Archiving Solutions

Reduce backup time. Free up primary storage.  
**Data safe for generations.**

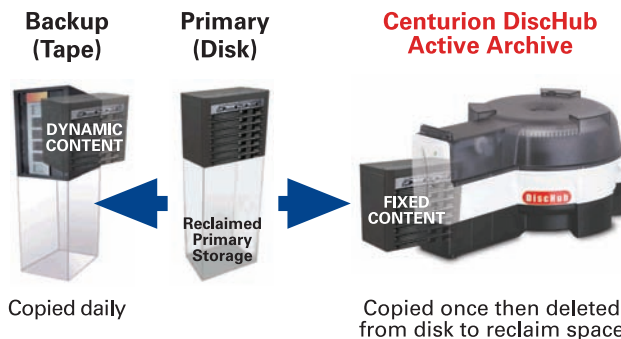
## A Changing Environment Requires Active Archiving

Organizations today need to retain a greater volume of digital contents and assets than at any time in history. In some cases, data must be kept safe for decades. Most critically, archived records must be readily accessible and produced upon demand in a matter of hours. Unfortunately, conventional methods of archiving no longer meet these new requirements.

Disk-based, nearline systems provide fast access, but the data can be inadvertently overwritten or erased. And the nominal lifespan for disk-based information is just three to five years. What's more, with the amount of data doubling every 6 to 18 months, simply buying more and more disk space is not economically feasible.

Tape archiving also falls short. While useful for backup of short-term/dynamic content, tape is a magnetic medium that is also susceptible to overwriting or erasure. And similar to disk, tape's maximum lifespan is also much shorter than what the new requirements call for. Most problematic is the fact that tape is almost impossible to search, making retrieval of specific files difficult and slow. There is the risk of not producing data within the time period required by law, which could have serious legal consequences.

**The solution: Active Archiving.** It combines the fast access and easy searchability of disk-based solutions with the low cost of traditional archives. Centurion DiscHub uniquely leverage industry-standard Write Once, Read Many (WORM) media with a fifty-plus-year expected life to preserve valuable digital assets and satisfy the most stringent retention requirements.



### Three Steps to One-Day Payback

Centurion DiscHub offers a Permanent Online Archive that can pay for itself in just one day:

1. Identify the approximately 60% of your primary storage that is fixed content
2. Move the fixed content to Centurion DiscHub
3. Run full backup again and reallocate your reclaimed primary storage

	DISK	TAPE	CENTURION DISCHUB
Optimized for Archival Data	Online	No	YES
	Removable	Yes	YES
	Permanent	No	YES
	Native WORM	No	YES
	Standard Format	No	YES
	Lowest TCO	No	YES



ACCESS IN SECONDS  
STORE FOR DECADES

For further information on Centurion DiscHub, user reviews and downloads, visit <http://www.centurion-cd.com>




# Centurion DiscHub

## Technical Specifications

DIMENSIONS		DRIVE SPECIFICATIONS (General)	
Max. Diameter	312 mm (12.3 in)	Rewritable DVD-RAM disc formats	4.7GB single-sided (no cartridge)
Max. Length	470 mm (18.5 in)	Readable DVD-RAM disc formats	4.7GB single-sided (no cartridge)
Max. Height	232 mm (9.1 in)	Readable DVD-ROM disc formats	DVD-ROM (DVD-5, DVD-9, DVD-10, DVD-18), DVD-R 3.9GB (Authoring and General), DVD -/+ R 4.7GB, DVD -/+ RW 4.7GB, DVD -/+ R DL
Weight (empty)	5.4 kg (11.6 lbs)	Readable CD-ROM disc formats	CD-ROM, CD-DA, CD-(E)G, CD MiDi, CD Text, CD-ROM, CD-ROM XA, Mixed-mode CD, CD-I, CD-I Bridge (PhotoCD, VideoCD), Multisession CD (CD-R, CD-RW), CD-R, CD-RW
CAPACITY		* Optional Blu-ray drive module available for Centurion DiscHub at a later date	
Disc Capacity	100	PERFORMANCE (Access Time)	
Disc Dimension	120 mm (5.25 in)	Random access	140 ms (DVD-ROM); 130 ms (CD-ROM)
ROBOTICS		Buffer size	2 MB
CD Ejection Time	8 sec	DATA TRANSFER RATE	
MTBF	> 3 million cycles	DVD	4,570 KBps to 16,620 KBps
OPERATING ENVIRONMENT		CD	2,400 KBps to 7,200 KBps
Ambient Temp	+7°C ~ +30°C	WRITE SPEED	
Ambient Humidity	90%	Sustained DVD-RAM	8,310 KBps to 16,620 KBps
POWER			
Power In	100~240V AC, 50~60Hz		
Power Out	12V DC, 3.0A		
Current Draw	0.30A		
Peak Current	0.90A		

Included software	Centurion DiscHub MediaTRACKER Professional (Windows / Macintosh)	
System Requirements	Apple Macintosh	Microsoft Windows
Hardware	G3 Processor, CD or DVD drive	Intel Pentium II, CD or DVD drive
Operating System	Mac OS X v10.4 & above, Mac Universal	Windows® 2000, XP and Vista
Memory	128 MB RAM	128 MB RAM
Hard Disk Requirements	200 MB hard disk space	200 MB hard disk space
USB Support	USB 1.1 or 2.0 compliant port	USB 1.1 or 2.0 compliant port

\* Specifications are subject to change without notice

 <p><b>Disk</b></p> <ul style="list-style-type: none"> <li>+ Rapid Access</li> <li>+ Searchable</li> <li>- High TCO</li> <li>- Short Lifespan</li> </ul>	 <p><b>Tape</b></p> <ul style="list-style-type: none"> <li>+ Removable</li> <li>- Offline, No Search</li> <li>- Slow Access</li> <li>- Proprietary Format</li> <li>- Intermediate Lifespan</li> </ul>	 <p><b>Centurion DiscHub</b></p> <ul style="list-style-type: none"> <li>+ Rapid Access</li> <li>+ Long Lifespan</li> <li>+ Online or Offline</li> <li>+ Cost Effective</li> <li>+ Standard Format</li> <li>+ Removable</li> <li>+ Scalability by daisy chain</li> </ul>
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