

Data Deduplication



Make more of existing storage infrastructure, while keeping a lid on the cost of backing up and protecting your data.

Stretching Your Storage Resources

An explosion of unstructured content, including video, digital images and voice traffic is straining storage infrastructures across Corporate America. Worldwide disk storage capacity shipments continue to more than double every two years, and spending for this technology will top \$34 billion by 2012, according to market forecasts by researcher IDC.

How do you keep a handle on your company's storage budget in the face of these market pressures? CDI's Data Deduplication service helps businesses squeeze more data into existing storage resources, and improve their ability to manage and protect that information more efficiently.

Deduplication Demystified

The core benefit of data deduplication technology is pretty simple: it eliminates duplicate copies of the same file or data block, saving on disk space.

Consider how the technology might be configured to handle files or documents attached to e-mail. With traditional data backup, every individual message that contained the attachment would be saved, along with a copy of the attachment. Thus, 25 or 50 or 100 versions of the same file might be clogging up storage resources, an intimidating proposition if you're talking about a big presentation or spreadsheet. File-level data deduplication works by storing the attachment only once, and then saving much smaller references that point back to the original. The result is a smaller demand on your company's storage infrastructure.

Policy, Not Product

CDI's professional services team can show you how it's possible to define strategic policies around data deduplication, depending on the applications involved and the data access requirements of your organization. If speedy performance of your storage infrastructure is the main concern, data deduplication processes can be time-delayed so they don't slow things down during the course of day-to-day business. But if storage capacity is the foremost consideration, data deduplication can happen on the fly.

Business Benefits

Aside from mitigating the need for new storage hardware and helping reduce your data center footprint, CDI's Data Deduplication service can help clients:

- Identify applications and systems where data deduplication will have the most positive impact.
- Ensure that data deduplication strategy is consistent with quality of service requirements.
- Shrink data back-up windows.
- Refine corporate data back-up policies to improve overall network performance.
- Seamlessly introduce data deduplication to the storage management infrastructure.

If you're looking for a Data Deduplication advisor, CDI is the place to turn. Our knowledge of these solutions is proven in real business environments: Our team has already supplied the largest data deduplication solution on record today, now in use at one of the world's Top 5 insurance companies.

Storage