

Data Replication



CDI's storage team guides your data backup and recovery process in the context of your overall business continuance strategy.

Protect Your Organization's Lifeblood

Assuring data is always available is the most important mission of IT departments. System failures, power outages, and natural disasters all put business-critical data at risk of being permanently lost or inaccessible for extended periods of time.

Data replication has played an important role in enterprise IT and business continuance strategy for quite some time, but it has been a challenging technology for many sites to manage due to complicated processes and scripting requirements that require persistent vigilance and often expensive maintenance by senior IT personnel. The explosive increase in the amount of data under management, and the requirement for 24x7 access, has only exacerbated this problem.

Nowhere is the data management challenge more apparent than in the backup and recovery process. Backup windows have increased to accommodate ever-growing data stores, and IT managers are often faced with a no-win choice between extending backups beyond the backup window, thus impacting performance, or cutting the backup process short. Neither option is satisfactory. CDI's storage professionals can help ensure that you don't have to compromise when it comes to your data replication strategy.

Shorten Backup Windows and Other Interruptions

With CDI's Data Replication Service, production data is replicated, backups can be completed using replicated volumes. The benefit? Backup windows are significantly shortened, and backups can be conducted under stress-free circumstances where operators can compensate for network burnouts, machine or media failures, and other interruptions that often cause operations to fail. Because backups are no longer hostage to the limits of the backup window, the process is improved and restores are much more likely to succeed. When databases are replicated regularly, recent data can be restored directly from replicated volumes. This eliminates the need to resort to tapes if a restoration is needed.

Computers handle simple, repetitive tasks with far greater efficiency than humans. Automating repetitive tasks such as replication minimizes operator interaction and maximizes each task's efficiency in terms of accuracy and operational expense.

Protect Your Data on Your Terms

Working in consultation with CDI storage professionals, your organization can design a replication strategy that is right for your organization – whether you require single point-in-time backup copies to or multiple replications. Our team can define the role of these replicas in your overall business continuance strategy, applying replicas to development, maintenance, or other operations easily and efficiently. Faster, easier replication means that you'll be able to maintain multiple copies of data with less expense. Reusing and redeploying application-based data will result in more efficient application rollout and maintenance and in improved application availability.

It is all about protecting the valuable information assets in the most economical way possible, including efficient use of human capital. Information availability is critical to every business and can make or break business, don't let it break yours.

Business Continuance