

# Disaster Recovery



## Virtual infrastructure offers proactive, cost-effective approach to protecting against catastrophic outages.

### Planning for the Unexpected

The brave new world of always-on access carries great responsibility: every minute of server downtime or any lapse in quality of service puts companies in grave danger of turning away customers or making it tougher for employees to perform their jobs productively. At the same time, business interruptions ranging from catastrophic natural disasters to acts of terrorism to hardware and communication failures are very real threats that require consideration.

Virtualization technology can play an integral role in taking a proactive, cost-effective approach to ensuring business continuity. Working with CDI consultants, companies can use virtualization not just to save money on their disaster-recovery plans but also to improve recovery time from days to hours.

### Physical Servers in a Virtual Environment

CDI's approach to Disaster Recovery and Backup calls upon virtual server software to transform targeted physical and virtual servers into secure virtual machines, each configured with its own operating system, applications and network identity. Each of these virtual entities can be hosted together on one physical machine, mirroring physical servers from across your enterprise and acting as failover servers that protect, secure and isolate mission-critical data. Ongoing replication keeps these virtual

servers in step with production servers, so that they can pick up operations at a moment's notice without requiring manual intervention.

### Be Prepared

The CDI Professional Services team can show you how virtualization can shore up your disaster-recovery readiness position. Key deliverables include:

- A requirements document and action plan that identifies the types of virtual machines needed to protect your particular environment, as well as a schedule for bringing systems back online
- Migration services that move key physical servers into a consolidated virtual environment
- Knowledge and skills transfer that allow your team to manage availability from a single management console

# Virtualization