



SAN Design and Implementation

Storage



Features

Simplification
Reclamation
Centralize Management
High Availability

Benefits

Manageability
Utilization and Cost Containment
Staff Efficiency
Uptime Improvement & Continuity of Service

Storage Area Network Solutions

With unprecedented requirements to maintain online access to all data, all the time, the challenge of data storage management has become a top priority. Studies show that the storage requirements for Fortune 1000 accounts are at least doubling each year. The challenge has been met with workable solutions — from storage devices inside or directly attached to the server, to Network Attached Storage (NAS) that moves devices away from the service and connects them directly to the network. Yet the challenge remained — how do you store data without tying up network capacity?

Responding To Today's Storage Needs

Storage Area Networks (SANs) answer the needs of today's data intensive network environments, transforming data storage investments into efficient architectures. This dedicated, centrally managed secure infrastructure makes storage devices available to all servers on the SAN.

Responding To Our Clients' Needs

But it's simply not enough to implement a SAN. It must be implemented correctly or risk poor performance, data loss or additional, unnecessary costs. CDI has the deep technical knowledge and experience to plan, design, implement and test SANs — accurately, efficiently and cost-effectively.

Three Phases, One Goal

Our project engagement approach consists of three phases with one goal in mind — to ensure your storage needs are met and your expectations, exceeded.

Planning and Design

Verify business requirements and provide configuration recommendations

Design SAN architecture:

- Port layout to provide redundancy at the HBA, cable, GBIC, and switch processor levels
- Standardized naming conventions for WWN nicknames, zones, and zone sets
- Design zones and zone sets according to industry best practices

Implementation and Testing

Install and configure the fibre channel switches

Install HBAs (host bus adapters) and their associated drivers and firmware

Install Storage Resource Management (SRM) software

Documentation, Knowledge Transfer and Acceptance

Produce, deliver, and review configuration documentation and conduct knowledge transfer

A SAN You Can Count On, A Company You Can Rely Upon.

The CDI team utilizes best of breed products and services to help ensure a seamless, reliable SAN. Whether only two servers are required on a network to access a central pool of storage devices, or several thousand servers are needed to access terabytes of data, CDI is the company you can rely on to meet all your SAN needs, all the time.

CDI is an IT infrastructure services company that lends knowledge, experience and credibility to helping companies facilitate communications and collaboration between employees, partners and customers around the world.