Large fast storage for video production

PCM's Xsan certified engineers help assist you in all the steps of the deployment processes giving you ultimate peace of mind.

Xsan Deployment

There are many considerations to building or upgrading a high performance Xsan. Bring in our Certified Xsan Administrators to determine the best plan for your Xsan.

An IT Support Specialist is here to assist you.
Call today to learn more.

800-700-1000
www.PCM.com

Xsan is Apple's SAN (or clustered) file system with a focus on performance for video production. While easy to use, Xsan requires a complex setup with several important decision points to obtain the ideal performance for your use case. A successful Xsan deployment can include Active Directory integration, defining Access Control Lists (ACLs), configuring redundant Metadata Controllers (MDCs), and a fibre network. PCM has several Xsan Certified Administrators that can assist in all steps of the discussion from determining hardware requirements for the performance you need, to installing the equipment, and configuring your clients.
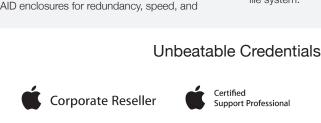
Use cases

The primary use case for Xsan is shared storage for video production. Each video editing workstation has a fibre connection for high speed access to the storage. The storage is built of RAID enclosures for redundancy, speed, and high availability. This configuration is ideal for professional video production applications such as Final Cut Pro X and Adobe Premiere Pro.

Xsan can also be tuned for more general file sharing focused on Mac clients. In this configuration the storage is shared over an Ethernet network and available to clients throughout your organization. By building these shares on Xsan, they are easily expandable, and the centralized location allows for simple backup and management.

Hardware and software needs

Xsan has specific hardware requirements including two metadata controllers (MDCs), fibre switches and cabling, thunderbolt to fibre adapters, RAID enclosures, ideally a tape drive for backup, and the software to run it including Apple's Server.app and backup software that understands the Xsan file system.

Unbeatable Credentials
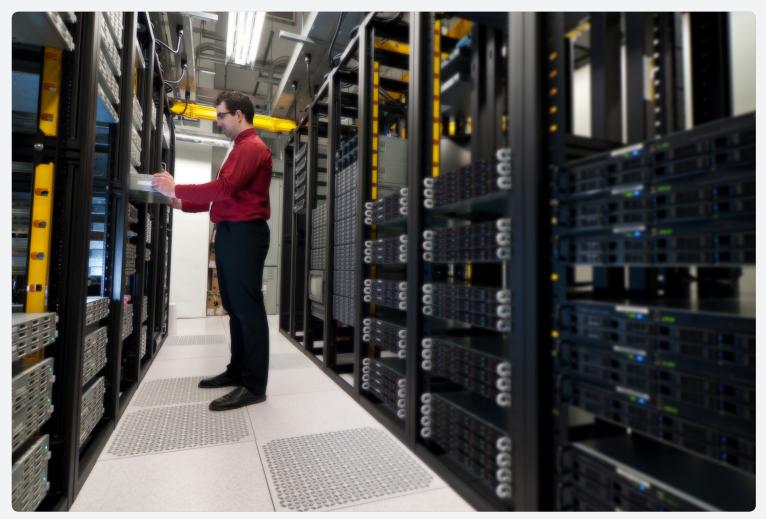
 Corporate Reseller

 Certified Support Professional

 Certified Xsan Administrator.

 Certified Mac Technician

 Certified Trainer

DEP Authorized

PCM's certified Xsan engineers will help you get the right Apple equipment to increase your business productivity and efficiency. By taking advantage of the PCM team you'll get customized products, solutions and services and the ultimate peace of mind.

Achieving Success

Involve our Xsan certified engineers early in your decision making process to assure a system that meets your needs. Based on the number of clients, streams, and media type, we can recommend the configuration of the storage to meet your bandwidth requirements. From there we will look at expected growth in storage needs and develop a plan that takes into account future expectations. This will include project lifecycle discussions, backup, and archiving.

Phase 1
Planning

- Use case discussion
- Workflow discussion
- Hardware and software planning

Phase 2
Procurement

- Acquire appropriate hardware
- Acquire appropriate software licenses

Phase 3
Installation

- On-site hardware install
- MDC configuration
- Network setup

Phase 4
Clients

- Configure clients
- Test and confirm connections