



Protecting Data Assets

Backup may be the least sexy technology in the data center, but it is arguably the most critical. Organizations need foolproof solutions to protect mission-critical data and enable rapid recovery in the event of disaster or system failure.

Yet backup continues to be a pain point for many organizations. All too often, backup technologies and processes have not kept pace with growing data volumes and increasing virtualization, making it difficult to complete backups within the available window. And should disaster strike, organizations may find that recovery is challenging and excruciatingly slow.

ProSys can help relieve these headaches. ProSys engineers have extensive experience architecting backup, recovery and archival solutions that meet business and regulatory requirements. With ProSys as a partner, organizations can rest assured that their data is protected while reducing storage demands and management overhead.



Improving Backup and Recovery

Organizations with older backup solutions can benefit from a backup and recovery assessment. ProSys consultants will analyze the customer's environment and make recommendations for improving backup and recovery processes. ProSys can then engineer a robust backup platform with the capacity and performance to ensure that recovery point objectives (RPOs) and recovery time objectives (RTOs) are met.

ProSys offers a broad portfolio of enterprise-class backup and replication solutions that are designed to meet mission-critical requirements for data accessibility and recoverability and operational efficiency.



Protecting the Virtualized Data Center

Server virtualization has increased backup challenges — traditional backup products view every server as a physical server, causing enormous inefficiencies. Agent-based backup solutions place a significant burden on the host server and make it difficult to complete backups within the backup window. Administrators must also install agents on each virtual machine to ensure that they are protected. As virtualization increases, organizations need backup and recovery tools that are built to protect VMs.

With leading expertise in both virtualization and backup, ProSys can help customers implement agentless, replication-based backup and recovery for their virtual servers. These solutions help organizations overcome the limitations of traditional backup and gain fast, flexible and reliable recovery of critical applications.



End-to-End Solutions

ProSys can help customers further optimize the backup environment with data de-duplication, which eliminates redundant copies of data to reduce storage costs and shrink backup and recovery times. This enables organizations to maintain and protect more data in primary storage, minimizing the need to access data that has been archived to tape.

Of course, long-term archival is an important component of any storage architecture, and tape is often the best medium. ProSys helps organizations utilize storage tiering and advanced tape technologies to optimize the cost per gigabyte of their data stores. Tape also offers the portability and reliability needed to meet regulatory requirements for long-term archival.