



FRANKLIN SYNERGY BANK SPEEDS AND SIMPLIFIES DATA PROTECTION WITH NEXSAN

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KEVIN HARRINGTON

CIO, FRANKLIN SYNERGY BANK

ENVIRONMENT

- 15 servers
- Two 14 TB Nexsan SATABoY™ storage systems
- Nexsan AutoMAID™ power efficiency technology
- Remote datacenter designated for disaster recovery

SATABOY BENEFITS

- High capacity in small 3U configurations
- Enterprise class reliability
- Highly available with fully redundant components
- Up to 60% in energy savings
- Enterprise class RAID performance

BACKGROUND

Located in Franklin, Tennessee and opened in November of 2007, Franklin Synergy Bank is a unique financial establishment that blends a combination of traditional community banking values, such as trust, competence and expediency, with innovative, technologically-advanced delivery systems. This combination creates synergy; a process in which the sum of tailored banking products, advanced technology and dedicated bankers define a superior banking experience for customers.

With specific financial products for personal banking, business banking and mortgages banking, Franklin Synergy Bank is focused on delivering the customer service and expertise its customers have grown to trust. As a result, the successful independent bank continues to grow as the community's local bank of choice.

BUSINESS SITUATION

With three branch locations throughout the city of Franklin and growing, Franklin Synergy Bank had mounting volumes of data to store. The organization sought a data protection solution that would match the organization's modern banking infrastructure and bypass traditional tape-based backup solutions that are notoriously complex and costly. These issues, combined with a shrinking backup window and the reliability risk of tape-based storage, drove Franklin Synergy Bank to seek a superior data protection solution.

“To build a data protection environment that satisfied our requirements, we wanted to move beyond technologies of the past and deploy a solution that would be extremely efficient in terms of manageability and reliability, in addition to accommodating our budgetary requirements,” said Kevin Herrington, senior vice president and CIO of Franklin Synergy Bank.



CASESTUDY 2

SATABOY HIGHLIGHTS

- High performance RAID solution built around the latest high-capacity SATA disk drives.
- High availability — All mission critical components, including RAID controllers, are hot swappable and fully redundant.
- Completely OS independent — No special software drivers required to connect to any host system.
- NexScan®, our platform independent Web enabled GUI, provides simple system configuration, event and component monitoring from any standard web browser.
- Multi-box capable — NexScan enables remote management and configuration of multiple arrays from a single GUI.
- High density / high capacity — SATABoy features 14 drives in only 3U of rack space.

ENERGY SAVING TECHNOLOGY

Nexsan's revolutionary AutoMAID (Automatic Massive Array of Idle Disks) energy saving technology transparently places disk drives into an idle state to vastly reduce power and cooling costs. AutoMAID delivers the cost-effective benefits of MAID 2.0 without the limitations of slow access times and special host software.

- AutoMAID reduces power and cooling costs
- Nexsan's AutoMAID delivers the benefits of MAID without the performance limitations
- Available on all Nexsan products

SOLUTION: NEXSAN SATABOY

To meet the modern storage needs of its banking business, Franklin Synergy Bank selected a disk-based solution based on Nexsan SATABoy™ storage systems. The Nexsan-based backup and recovery solution protects data across 15 servers at three banking locations. The backup environment consists of two 14 TB capacity RAID 5 configured Nexsan SATABoy units with a unit located at Franklin Synergy Bank's headquarters and another unit located at a designated disaster recovery (DR) banking location. The Nexsan SATABoy units are connected using iSCSI, providing ample throughput for rapid recovery operations.

"Our selection of Nexsan was a wise choice as we have experienced stellar reliability and simplified operation," said Herrington. "As we move forward, Nexsan will remain a respected and valuable technology partner."

RESULTS

Nexsan's SATABoy solution gave Franklin Synergy Bank an affordable alternative that delivered advantages in storage density, usability, energy efficiency and overall value. Nexsan SATABoy maintains high sustained MB/s throughput for applications that include backup and recovery and provides the flexibility of choosing Fibre Channel, SAS or iSCSI for wire-speed connectivity. The system is also equipped with the revolutionary AutoMAID™ (Automatic Massive Array of Independent Disks) energy saving technology for up to 60% savings in power requirements without affecting performance.



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AUTOMAID SAFETY FEATURES

- In maximum power saving mode, drive spin up is sequenced to reduce power surges
- Drives automatically wake up for periodic surface scan to ensure data integrity (user configurable)
- AutoMAID can be used with data-intensive server applications by delivering energy savings without performance compromise

Key benefits of the SATABoy system for Franklin Synergy Bank include:

- **High capacity** — Nexsan SATABoys provide Franklin Synergy Bank with up to 14 TB of storage capacity per unit in a small 3U configuration.
- **High reliability** — SATABoy systems are built for optimum reliability and feature a fully redundant and hot swappable design, so Franklin Synergy Bank can benefit from high reliability and availability to assure business continuity for its banking customers.
- **Reduced energy consumption and costs** — Franklin Synergy Bank’s SATABoy systems include Nexsan AutoMAID technology which lowers energy consumption for its storage systems by up to 60%. AutoMAID technology also gives the bank the flexibility to select the level of access speed and energy savings they desire.
- **Enterprise-class performance** — SATABoys give Franklin Synergy Bank the high performance RAID storage and recovery it needs for assured business continuity.

“The Nexsan SATABoy products have provided us with the state-of-technology data protection solution we needed while lowering costs and reducing the complexity of our backup and recovery processes,” said Herrington. “Nexsan truly delivers when it comes to simplicity, performance and value.”

ABOUT NEXSAN

Nexsan® is a leading independent provider of disk-based storage systems purpose-built and priced for the mid-market, offering industry-leading reliability, space and power efficiency. Overcoming the challenges of traditional storage, the company’s disk-based systems reduce the complexity and cost of storage with easy-to-use, efficient and enterprise-class features, delivering a different kind of storage experience. For more information, visit the company’s website at www.nexsan.com.

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