iBERIABANK

IBERIABANK | PROBLEM SOLVED

IBERIABANK replaced its aging IT platform with a FlexPod solution, introducing the flexibility necessary to manage the bank's rapid expansion.

IBERIABANK Relies on FlexPod from NetApp and Cisco to Manage Rapid Growth

Another NetApp solution delivered by:

SIGMA

FlexPod
A Cisco and NetApp Solution

IBERIABANK, the largest bank headquartered in Louisiana, experienced significant growth over the last five years, jumping from $5 billion in assets in 2011 to more than $27 billion in 2017. To keep pace with this growth, the bank's IT team knew that its existing hardware needed to change. The company implemented a FlexPod® storage system from NetApp and Cisco as its solution.
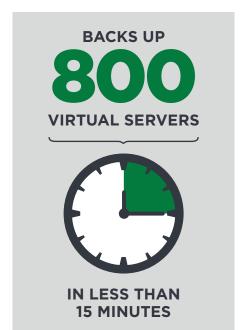
386% data efficiency

$27 billion in assets

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NetApp®

BACKS UP

800

VIRTUAL SERVERS

IN LESS THAN 15 MINUTES

7.5 PETABYTES OF DATA ON

1.5 PETABYTES OF DISK

FAILS OVER BETWEEN 2 DATA CENTERS IN 3 HOURS

"The bank was trying to grow, and our infrastructure was holding us back," says Kevin Plaisance, vice president and data center infrastructure manager.

Because acquisitions are a large part of the IBERIABANK business strategy, and because the bank prefers to replace the technology of the banks it acquires, CIO Bart Bragg saw flexibility as a key driver in the decision to implement two FlexPod solutions. He says a system that could support existing needs at the same time it could "quickly flex up in terms of storage and processor power to support more transactions" was very important.

FLEXIBLE SOLUTION WITH FAST FAILOVER

After evaluating several vendors, IBERIABANK concluded that FlexPod offered superior performance, increased agility, and exceptional value. Most important, management believed that the reference architecture could scale to meet the bank's evolving needs.

"What FlexPod brought to the table was the ability for us to grow quickly if we chose to do so," Plaisance says.

In the years following the purchase of the FlexPod solution, the company's data footprint increased twelvefold. At the same time, its physical data center shrank by two-thirds. The bank's data efficiencies are extremely high. "Through provision, deduplication, and compression, we're supporting more than 7.5PB of data, but we're only doing it on 1.5PB of physical disk," says Plaisance. "That's just incredible."

The bank's infrastructure runs on two FlexPod solutions. This enables fast replication from the data center in Lafayette to a second site in Little Rock, Arkansas. Rather than relying on the cumbersome tape storage process it used in the past, the bank now replicates data and backups to more than 800 virtual servers in less than 15 minutes on average every business day.

BUSINESS BENEFITS

IBERIABANK's FlexPod solution enables it to:

- Quickly convert data from mergers and acquisitions

- Flex and scale for more storage and processing power

- Prove data recovery abilities to regulators

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"Being in the heavily regulated financial services industry, we have to prove to our regulators and to our clients that we have the ability to recover quickly from a disaster," Bragg explains. "We wanted to move from a reactive posture to a much more proactive position."

BUSINESS CHALLENGES

To keep pace with rapid growth, IBERIABANK needed to:

- Integrate multiple storage and compute platforms
- Convert data from acquired banks
- Implement a data recovery solution

ACROSS-THE-BANK BENEFITS

With the help of Sigma Solutions, the bank consolidated storage, reduced the number of platforms, and increased efficiencies. These and other FlexPod benefits saved IBERIABANK hundreds of thousands of dollars while delivering convenience, saving time, and lowering risk. 🐦

Later, IBERIABANK switched production data centers to avoid the threat of hurricane season and give stakeholders peace of mind. FlexPod enabled IBERIABANK to move the data center from Lafayette to Little Rock in as little as three hours.

"Without FlexPod, the disaster recovery and risk avoidance posture we have today would not exist," Plaisance says. "I like the overall speed and performance, the agility, being able to move the

workloads around, and being able to flex up or down as needed."

SOLUTION COMPONENTS

FLEXPOD DATACENTER COMPONENTS

Two FlexPod Datacenters with NetApp v6240HA
Cisco Nexus 5000
NetApp® Snapshot® software
VMware ESX servers
NetApp SnapMirror® technology
NetApp AutoSupport® tool
Cisco UCS Servers
Virtualization through NetApp storage and Citrix servers

PARTNERS

Sigma Solutions
VMware

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