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– Shan Venable, CTO, Altamaha

Introduction

Altamaha Bank and Trust, a Georgia financial institution with approximately \$150M in assets, replaced its legacy IT systems with SimpliVity hyperconverged infrastructure. The SimpliVity solution improves disaster recovery and business continuity and ensures high performance for the bank’s mission-critical applications and core IT services.

Business Challenge: Infrastructure Modernization, Consolidation and Data Protection

Altamaha’s legacy IT infrastructure—a mix of Dell and HP servers with internal storage scattered across four branches—had become too costly, complex and risky to maintain and scale. Expanding capacity or introducing new applications meant deploying additional physical servers—an inefficient and time-consuming prospect. Worse still, the bank was constrained by an ineffective data backup solution that relied on removable media. Hardware failures or application mishaps had the potential to disrupt business for hours or even days while systems were recovered.

New CTO Shan Venable initiated a virtualization and modernization program to improve the operational efficiency, performance and reliability of the bank’s IT infrastructure. After considering a number of options including Nutanix, Venable selected SimpliVity hyperconverged infrastructure for Altamaha’s next-generation IT implementation. “SimpliVity’s advanced data protection and optimization features were major differentiators,” explains Venable. “SimpliVity offers more capabilities and greater capacity in a smaller footprint, at a low price.”



Altamaha Bank Achieves Enterprise-Class Disaster Recovery with SimpliVity

Challenges: Refresh legacy IT infrastructure that was at capacity, improve data protection and system availability

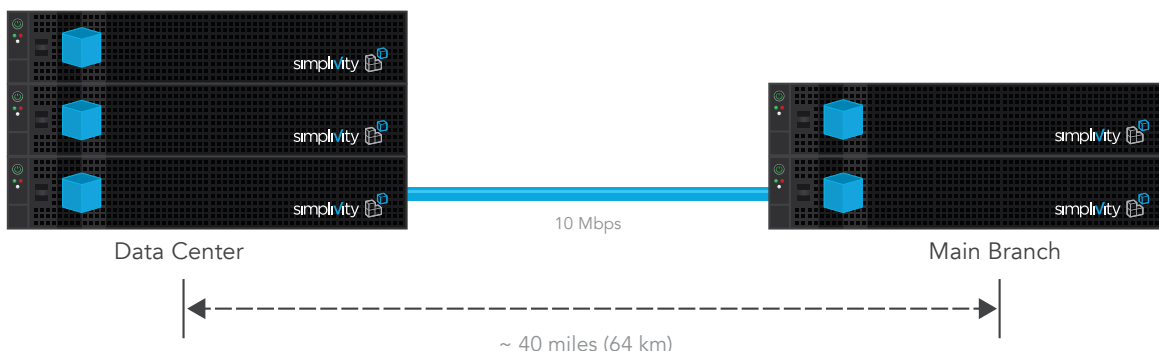
Key Applications: FIS teller application, BankTEL financial accounting and cash management system, Microsoft SQL Server, Citrix VDI, ShoreTel IP-PBX, core IT services

Solution: SimpliVity hyperconverged infrastructure

Benefits:

- Fast and efficient data protection; rapid backup and recovery for all applications and services
- High availability; redundant configurations enable business continuity
- Superior application performance; 50% improvement in teller application response time
- Accelerated IT service agility; clone and move VMs in seconds
- Simplified administration; IT generalists use intuitive VMware vCenter console for all management functions
- Compact footprint; 11 servers replaced by three 2U units

OmniCube 3+2 Federation Configuration



SimpliVity Solution

SimpliVity provides a scalable, modular building block of x86 resources that delivers all the functionality of traditional IT infrastructure—including hypervisor, compute, storage, and data protection functions—in a single device, with a unified administrative interface. Altamaha replaced 11 physical servers scattered across four branches with three 2U SimpliVity nodes in a central data center. A fully redundant configuration ensures continuous availability in the event of hardware failures. Two additional SimpliVity nodes in a bank branch provide rapid disaster recovery.

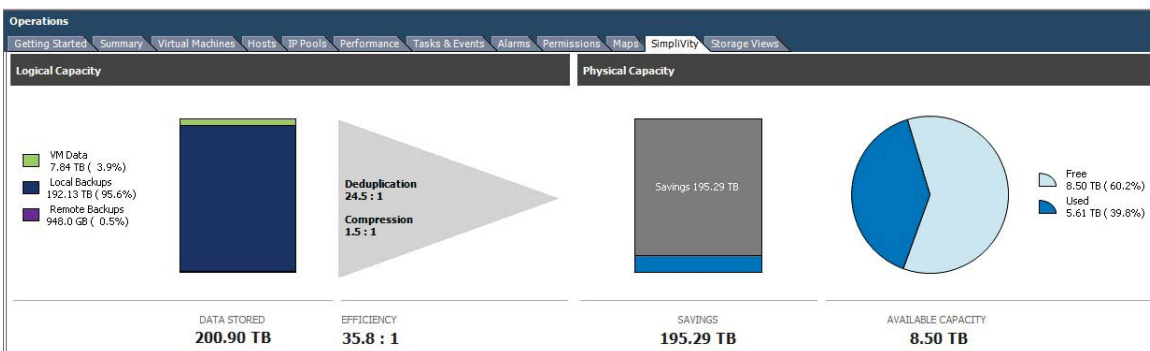
Benefits

SimpliVity’s inherent data efficiencies accelerate backup and recovery functions, boost application performance, and conserve storage capacity. “With SimpliVity we can replicate and move massive VMs across sites in seconds or

minutes for load balancing, DR or lifecycle management,” explains Venable. “We now backup our business-critical teller application every 30 minutes instead of nightly. And the response time of the application is about 50% faster. Our teller lines are noticeably shorter since we deployed SimpliVity.”

The SimpliVity solution also ensures continuous availability for the bank’s entire IT infrastructure. “When we experienced a hardware issue recently all of our applications and services failed over seamlessly, with no business disruption,” explains Venable. “And the SimpliVity support team was amazing. Unlike the legacy vendors we work with, the first-line support guys really knew their stuff, and quickly resolved the issue.”

Thanks to SimpliVity, Altamaha now enjoys a state-of-the-art IT implementation that delivers superior economics, agility and reliability.



Massive storage capacity savings; 200.90 TB of logical data consumes only 5.61 TB of disk space.

For more information, visit:
www.simplivity.com