"SimpliVity solves our application performance and system administration challenges. The product helps us improve customer satisfaction while eliminating operations expense and complexity."

— Steven De Prins, Cross Domain Architect, Simac

Introduction

Simac, a Belgian IT solutions integrator and services provider, uses SimpliVity hyperconverged infrastructure to power its remotely hosted application and network performance monitoring service. The SimpliVity solution enables Simac to deliver higher performance, revenue-critical services—reliably, easily and cost-effectively.

Business Challenge: Infrastructure Modernization, Consolidation and Data Protection

Simac's legacy data center—a mix of HP servers and NetApp storage systems—had become too costly and complex to manage and scale. Provisioning customers and troubleshooting problems was a time consuming, resource-intensive proposition involving many distinct, low-level administrative interfaces.

Simac planned to move its IT operations to a colocation facility to support its growing business. Deciding the time was right for a technology refresh, Steven De Prins, Cross Domain Architect for Simac, selected SimpliVity hypercoverged infrastructure as the platform for the company's next-generation IT architecture.

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SimpliVity Solution

Simac deployed two 2U SimpliVity nodes in its new colocation facility, replacing nearly an entire rack of legacy equipment. A redundant configuration ensures continuous availability in the event of hardware failures. A third SimpliVity node in the corporate data center supports development, test and disaster recovery functions.

IT Solution Provider Improves Customer Satisfaction and Simplifies Operations with SimpliVity

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Challenges: Refresh legacy IT infrastructure, simplify operations, improve application performance and data protection
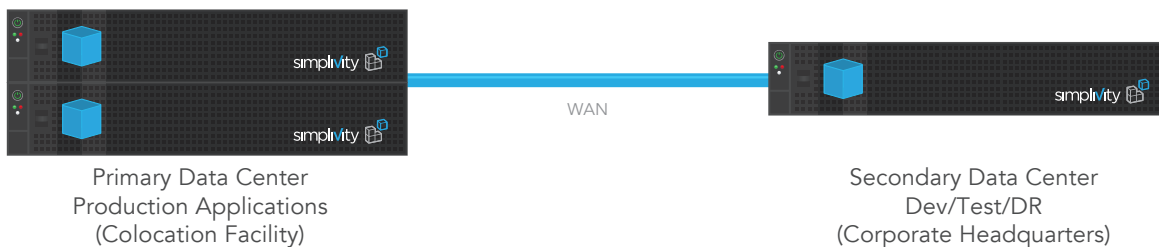

Key Applications: Computer Associates Application and Network Performance Monitoring Platform; Microsoft SQL Server

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Solution: SimpliVity hyperconverged infrastructure

Benefits:

- Superior application performance; 2-3X response time improvement
- Rapid IT service agility; generalists provision new customers in seconds without involving corporate IT
- Highly efficient storage; 53 TB of logical data consume 1.2 TB of physical storage
- Rapid data protection: backup and restore massive VMs in seconds
- High availability: 100% uptime since inception
- Compact footprint; nearly a full rack of legacy gear replaced by two 2U units

OmniCube 2+1 Federation Configuration

Primary Data Center
Production Applications
(Colocation Facility)

WAN

Secondary Data Center
Dev/Test/DR
(Corporate Headquarters)

Benefits

The SimpliVity solution simplifies operations and improves service agility. IT generalists in the Remote Monitoring business can provision customers quickly and easily, without involving corporate IT. Service administrators can now clone, move, backup and restore VMs in two or three mouse clicks.

The SimpliVity solution also improves application performance and availability. The platform performs hardware-assisted inline deduplication, compression and optimization on all of its data while conserving storage capacity and freeing up system resources for business-

critical applications. "Resource-intensive operations like database queries are easily two or three times faster with SimpliVity, and the data efficiencies are tremendous". We store over 50 TB of logical data using only 1.2 TB of disk. And we can backup and recover massive VMs in seconds without impacting application performance."

Based on the success of the initial project, Simac has purchased additional SimpliVity units and plans to migrate all of the company's internal applications to the new hyperconverged infrastructure.

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For more information, visit:

www.simplivity.com

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