vReplicator™
Affordable VM Replication to Enable Disaster Recovery and Business Continuity

BENEFITS

• Enables administrations to meet shorter recovery time objectives (RTO) and recovery point objectives (RPO) for critical applications to support business continuity objectives

• Provides VM replication with minimal configuration and by only replicating the minimal amount of data at the fastest speed

• Reduces performance impact on production systems through asynchronous data transfer regardless of where the target disaster recovery site is located

• Provides replication to all VMs at a low total cost of ownership (TCO) and for less than array-based solutions

VM Replication that Enables Disaster Recovery and Business Continuity

vReplicator is a virtual machine (VM) replication solution that enables disaster recovery and business continuity by helping organizations meet recovery time objectives (RTO) and recovery point objectives (RPO) while offering a low total cost of ownership. With vReplicator, administrators can meet shorter RTOs and RPOs for critical applications to support business continuity objectives through an Advanced Replication Engine. Patent-Pending Active Block Mapping (ABM) technology and Change Block Tracking (CBT) optimize the data transferred by only replicating changed blocks of data and not unnecessary white space. Organizations can use vReplicator to reduce the performance impact on production systems through Asynchronous Data Transfer regardless of where the target disaster recovery site is located. And unlike array-based solutions, vReplicator provides replication to all VMs at a low total cost of ownership (TCO).

Replication Optimization Engine
vReplicator v3.0 including an improved replication engine, that provides Change Block Tracking, Active Block Mapping, the ability to undo failed replication passes, and automatic identification and resolution of previously failed replication pass. This enables faster replication times, improved recovery point objectives, and greater reliability.

Change Block Tracking
Utilizes change block tracking (CBT) capabilities in vSphere to transfer only those data blocks that have changed. By only transferring those data blocks that have changed, vReplicator provides dramatically faster replications with lower network bandwidth requirements.

Active Block Mapping (ABM)
Eliminates scanning/transfer of non-active data blocks (whitespace) to enable faster replications with lower network bandwidth requirements.

vSphere and Thin Provisioned Disk Support
Supports replication of thin-provisioned disks. Enterprises can deploy thin-provisioned disks on production systems while protecting data for DR scenarios.

White Space Detection
Independent of the patent-pending Active Block Mapping (ABM), vReplicator detects and ignores empty blocks. The initial replication pass for a VM with a large amount of empty space should result in a smaller replications than with previous versions. vReplicator dramatically faster replications by performing white space detection, optimizing the replication process.
vConverter™

Vizioncore’s vConverter is enterprise-class software that significantly reduces the time, cost and effort required to convert physical and virtual machines to VMware®, Microsoft®, XenServer™ or Virtual Iron™. vConverter is suitable for ongoing disaster recovery needs, as well as for medium to large server consolidation initiatives where hundreds or thousands of physical servers need to be virtualized.

vFoglight™

vFoglight is the only comprehensive, enterprise-ready monitoring solution for VMware Infrastructure, providing a single “pane-of-glass” view that consolidates metrics from the layers encompassing VirtualCenter. vFoglight helps IT understand the virtual infrastructure by managing the relationships and interaction between all the components in the virtual environment, including data centers, data stores, clusters, resource pools, ESX servers and virtual machines, and now, at the application level.

vRanger Pro™

vRanger Pro is the recognized industry-standard backup and restore solution for virtualized environments, continuing to lead the way in establishing disaster recovery standards for VMware®. vRanger Pro provides image-level hot backups of either the entire virtual machine or just the differential – and while the virtual machine is still running. vRanger Pro is VMotion aware, and also integrates with VCB helping to off-load backups from the host.

vOptimizer Pro™

vOptimizer Pro is the recognized industry-standard virtual machine optimization solution that reduces a virtual machine’s virtual hard drive to the smallest size possible and also optimizes Windows guest operating systems, resulting in improved speed and performance.

vAutomation Suite™

To help IT become more proactive and predictable in managing today’s dynamic data centers, Vizioncore has introduced the vAutomation Suite. The vAutomation Suite helps integrate, orchestrate and intelligently manage the virtual infrastructure to help IT to optimize performance and availability, while increasing business flexibility and responsiveness.

About Vizioncore Inc.

Founded in 2002, Vizioncore Inc. provides the most comprehensive and innovative set of solutions that extend and enhance the capabilities of virtualized infrastructures. Organizations across the world, from SMBs to large-scale enterprises, use Vizioncore’s products to support IT strategies for backup and recovery, disaster recovery, P2V/V2V, performance monitoring and improvement and chargeback in virtualized environments. Headquartered in the Chicago area, Vizioncore is a leader in the virtualization industry with an international presence and sales channel of global partners. Additional information about Vizioncore and its products and services can be found at www.vizioncore.com.