



***"iTera High Availability allowed us to keep business-critical applications functioning in the aftermath of Hurricane Katrina."***

Deneace Williams,  
System Operations Manager,  
Isle of Capri Casinos, Biloxi, MS

## **iTera High Availability™**

**Reliable.  
Easy-to-use.  
Affordable.**

### **The Next Generation of System i High Availability**

Gone are the days when rapid, last-transaction data recovery was reserved for well-heeled IT shops. Today, the tremendous business-continuity benefits of System i high availability are enjoyed by companies of all sizes. If you are charged with improving your company's disaster recovery strategy and think you don't have the budget for HA, think again.

***iTera HA is the most affordable high availability product on the market...*** but with something as critical as high availability (HA), low cost isn't everything. Your HA must be robust and reliable; it must be easy to use; it must deliver a fast ROI by reducing system maintenance downtime, and without exception it must get your business back online quickly if disaster strikes. iTera HA delivers the best of all worlds: robustness, reliability, and affordability in a proven, award-winning HA product.

**Vision's customers are world leaders in their industries and select our solutions only after careful review of alternatives.**

## Leading the Way with Autonomics

Automation not only increases reliability, it saves time—lots of it. Because of autonomics (self-managing systems), most iTera HA users monitor and manage their systems in just minutes a day. From the beginning, we built self-configuring, self-monitoring, and self-healing autonomic functions into it. In fact, we built the first scripted, automated switchover process and the first process to automatically detect and heal out-of-sync objects.

Today, Vision Solutions has taken object self-healing to a whole new level with its breakthrough Concurrent Audit Concurrent Heal (CACH) technology. This remarkable, patent-pending process discovers and corrects data integrity problems at the record level in real time, eliminating the need to resynchronize entire objects when an out-of-sync condition is detected. The result: data integrity problems are swiftly corrected, bandwidth requirements are reduced, and less disk I/O is required. CACH is one more example of iTera HA leading the way in HA innovation and reliability.

## iTera High Availability — Quick Facts

### Built natively on IBM's Remote Journaling technology

- Built from day-one to integrate remote journaling technology. This eliminates user/log spaces, vulnerabilities, and extra CPU cycles
- Integrated with our highly efficient single harvest-and-apply process

### Self-healing, self-managing HA

- Fast and easy to manage (typically 5 to 20 minutes a day)
- Exclusive CACH technology automatically discovers out-of-sync objects and heals these at the record level
- Self-managing functions ensure smooth, reliable switchovers and allow for fast installation and training
- Replication of new, changed, and deleted objects is handled automatically

### Mirroring of all system-critical objects

- Real-time replication of programs, data areas, data queues, IFS, user profiles, device configurations, spool files, triggers, constraints, WebSphere MQ, and more.
- Large object support

### Simple-to-use, reliable switchover and failover

- Because objects stay in sync—and latency is rare—switchover/failover is more reliable
- Automated and scripted switchover/switchback delivers a faster, less error-prone process

### Fast, easy installation

- Installs and configures, with mirroring started, in just a few hours
- Software automatically installs on the backup system when installed on the production system
- Objects replicate quickly upon installation via the network, reducing the need to manually save/restore

### Robust IFS replication

- IFS replicates on both an object and a record level
- Integrated, easy to use IFS auditing and monitoring functions
- Efficient replication of large IFS and DLO objects
- Accommodates high transaction volumes

## Reliable Switchover = Fast ROI

You must be confident that your high availability software will execute a fast, reliable and automated switchover/failover. If switchover is a difficult or risky process, it won't get tested, it won't be used to prevent planned downtime—and worse—you won't know if your HA software will truly recover data after a failure or disaster.

Because of the intuitive, autonomic switchover features of iTera HA, as well as the benefits of native remote journaling and the expert switchover training you will receive, you can execute this critical process regularly, quickly, and confidently. The result is a rapid and significant return on your HA investment.

*For additional information  
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**Vision**<sup>®</sup>  
S O L U T I O N S

<sup>1</sup>IBM Redbook: *Striving for Optimal Journal Performance on DB2 Universal Database for iSeries*, Chapter 6. This Redbook can be found at: [www.redbooks.ibm.com/Redbooks.nsf/redbooks/](http://www.redbooks.ibm.com/Redbooks.nsf/redbooks/)

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