iTERA® Availability™
Technical Data Sheet

VISION®
SOLUTIONS

Full-featured IBM i High Availability for SMBs

iTERA Availability is tailored for the needs of small to mid-sized businesses. Comprehensive, real-time replication technology maintains a complete copy of your data and applications on a recovery server. Auditing of replicated data and virtual role swaps ensure worry-free failovers for planned server maintenance or unplanned downtime. With a simple, familiar interface, iTERA Availability keeps your data available and your business productive while requiring only minutes a day to manage.

Real-time replication

- Fast, efficient, real-time replication built on proven, trusted IBM i remote journaling
- Replicates data, applications and all essential objects to the recovery server
- Ensures data integrity with transaction aware replication
- Supports replication to local or remote recovery servers
- Minimizes bandwidth requirements
- Protects virtually any SMB application environment
- Replicates between differing storage types or IBM i OS versions
- Allows access to data on the recovery server for tape backup, queries, reports, and more
- Delivers RPOs and RTOs that meet stringent SLAs and regulations

Audits for data integrity

- Periodic or on-demand audits for data synchronization
- Continuous monitoring of objects on the recovery server
- Instant, automatic healing of changed objects

Reliable failover

- Virtual Role Swap validates HA readiness
- Role-Swap Readiness (RSR) Monitor performs scheduled HA readiness checks
- Guided failover with straightforward checklists and documented best practices
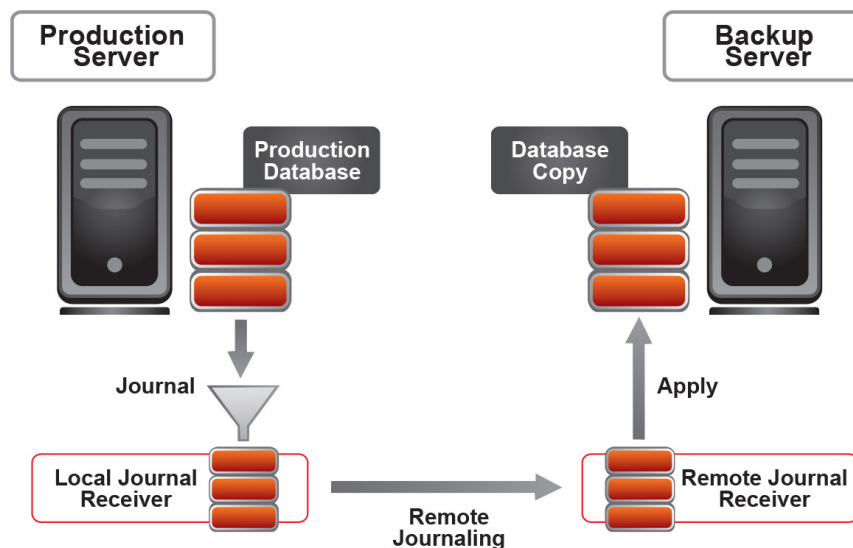
Simple to manage

- Easy green-screen interface requires only minutes a day to manage
- System Monitor shows status of production and backup server on a single screen
- Multi-System Monitor monitors multiple LPARs or servers from a single screen
- Extensive context-sensitive help system and menu fastpaths
- Alerts notify you of issues

How It Works

iTERA Availability for IBM i virtually eliminates planned and unplanned downtime by maintaining a real-time backup server that can quickly take over as the production server when required. Using the most efficient IBM i replication technology available, remote journaling, iTERA Availability continually maintains a complete, accurate copy of your vital business data and applications on a backup server. It then stands ready to switch users to that fully synchronized backup should the production server become unexpectedly unavailable, or should you need to perform planned server maintenance.

iTERA Availability replicates all essential objects on your production server—programs, data areas, data queues, IFS, user profiles, device configurations, spool files, triggers, constraints, WebSphere MQ, and more—to ensure the backup server is always ready to rapidly take over operations. Advanced auditing technology automatically discovers and corrects data integrity problems at the record level in real time, eliminating the need to resynchronize entire objects if an out-of-sync condition is detected.

System Requirements

- Any IBM Power Systems server running IBM i OS 5.4, 6.1, 7.1 or 7.2
- Supports replication between storage types and OS versions
- Production and backup server may be separated by any distance

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