

# Continuous Availability



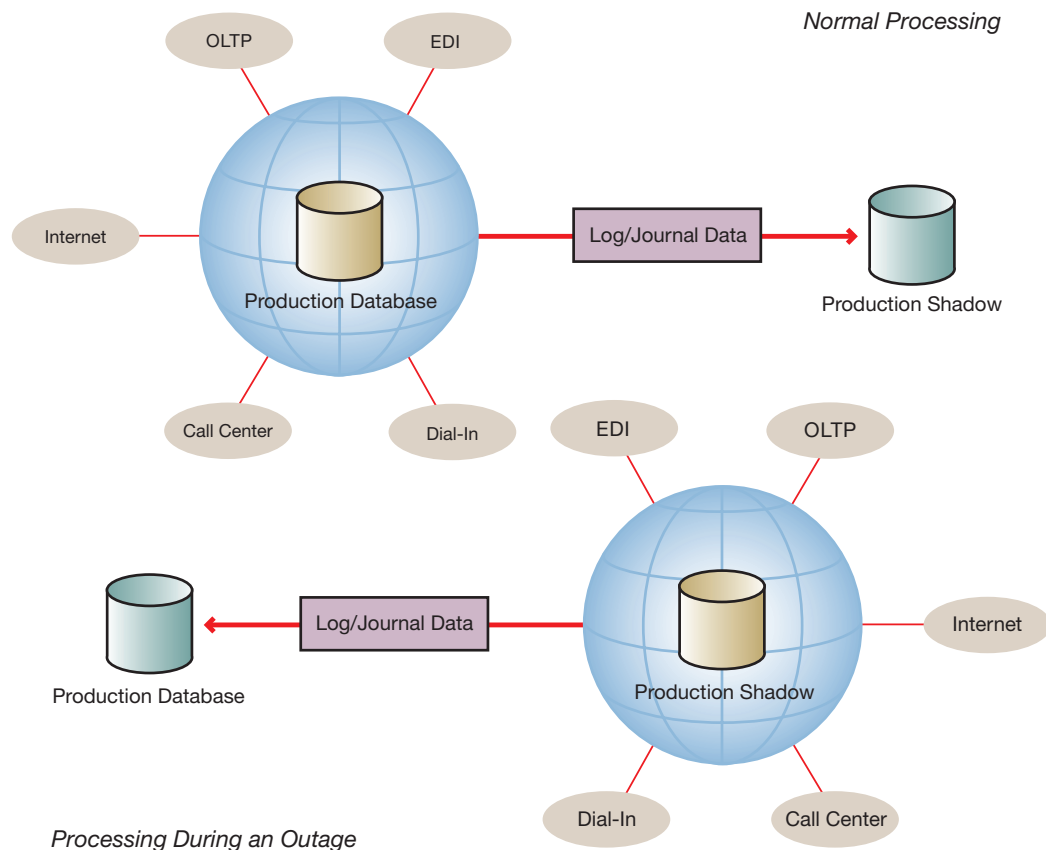
Businesses and consumers are becoming increasingly interconnected and information systems serve as the conduit between the two. To exploit available opportunities, products and services must be available on a 24/7 basis.

## All Day–Every Day

Information systems form the foundation of today's healthy, growing businesses. And, as such, these systems must be ever ready to meet the simultaneous demands of customers, clients, employees and the Internet. Including telephone and on-line business, it is not uncommon for networks to process between 500 and 1,000 transactions per second. Downtime means lost customers. Therefore, information professionals are increasingly challenged to improve productivity and operating efficiency, while accommodating more users, more often. In this environment, the ultimate goal is to provide continuous availability: systems that are available 24 hours a day, 7 days a week—even during scheduled maintenance and unplanned outages.

E-Net's Remote Recovery Data Facility (RRDF) meets the requirements of companies with high availability or continuous availability demands: **continuous availability and no data loss.**

RRDF's patented technology captures each new log/journal record and transmits it in real-time to a remote shadow database, without affecting the performance of the production system. If a scheduled or unexpected outage occurs, it takes just a few minutes to switch processing from the production database to the shadow.



## Providing 24/7 Availability

E-Net software effectively protects your company from losses associated with system downtime. These can include:

- **Lost Business Transactions**, those that are in flight at the time of the outage, or attempted while the system is idle. Industry analysts estimate that lost data or applications cost the average business \$70,000, or more, per hour.
- **Lost Customers**, who prefer to take their business elsewhere.
- **Additional Costs**, like overtime and product losses.

The ability to switch back and forth between production and shadow databases means that the system is always available, even during system maintenance, database reorgs, or hardware maintenance. RRDF also provides superior data protection during unexpected outages caused by natural disasters, electrical outages, vandalism and other calamities. Unlike other continuous availability solutions that create wasteful, useless duplicates, RRDF implements a fully functional read-only database. Customers and employees can freely access the shadow database without affecting the performance or integrity of the production database.

The stakes are high, and companies that implement RRDF shadow databases find equally compelling rewards:

- Data warehousing and data mining
- Complex SQL queries
- Batch reporting cycles (quarterly and year-end reports, etc.)
- Local database copies at multiple distant sites
- Load balancing

Or, use the shadow database to isolate groups of users from the production database to protect its integrity. This is helpful when granting external users (business partners, etc.) access to the corporate database.

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**Information—all day, every day.**