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"We Engineer the Quality of Your Success"

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FAULT TOLERANCE

CLIENT'S SITUATION

A company with a medium sized network and a small IT budget was in need of a disaster recovery plan. There was no degree of fault tolerance, and back-up systems were untested and unorganized.

PQA'S TASK

The company required a needs assessment to determine fault tolerant configuration options and procedures, and to compile a comprehensive back-up procedure and schedule.

PQA'S ACTION

For a total of just under \$500 per computer, redundant power supplies, cooling fans, and hard disk drives, were installed to achieve fault tolerance. Uninterruptible power supplies for each computer, as well as an "active fail-over" model was implemented to achieve assured availability of the network. To address disaster recovery issues, a vendor was selected for backup software, and an automated backup and disaster recovery plan was initiated. Both systems were tested and a scheduled fail-over test was established.

CLIENT'S RESULTS

The company's network was protected from a potentially catastrophic failure with potential savings close to **\$50,000**. Information on the network was secured from possible deletion and corruption using backup and recovery systems.