

Our company is currently losing thousands of dollars every minute due to our outdated and ineffective ERP system. Last year our system experienced 10 unscheduled shutdowns. By upgrading from a Tier 1 to Tier 3 data center our company can reduce/eliminate the number of unplanned outages. A Tier 3 data center would initially cost \$35 million to implement but would save our company \$40 over the next three years.

Currently the Tier 1 data center in place has 99.67 percent availability, where as a Tier 3 data center would have 99.98 percent availability. A 0.31 percent increase may seem relatively small, and unnecessary but enables us to reduce our downtime from 28.8 hours a year to only 1.6 hours a year. A key element of a Tier 3 data center is its concurrent maintainability, which allows scheduled maintenance to take place, without shutting down the entire system. A Tier 3 data center also has multiple active distribution paths for power and cooling compared to the Tier 1's single path. If one path shuts down, our system can still operate at a high performance level.

Our organization operations are dependent on our ERP system, which is currently costing our company over \$14,000 every minute down. With annual down time costs totaling \$25.5 million, a \$35 million implementation of a Tier 3 data center would reduce downtime to \$1.4 million annually and save our company over \$40 million in the next three years. Therefore upgrading to a Tier 3 data center would eliminate majority of unscheduled downtime making our company more lucrative and productive.

Sources

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