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Virtualization

 By switching to virtual machine software in our data center our company can save $9.2 million in three years. As our company continues to grow, our data center will require more servers costing us millions of dollars. Instead, by switching to VMware our company will save millions of dollars on servers, maintenance, as well as increase efficiency.

 VMware is virtual machine software that will consolidate our current server systems. With this software, we believe that 80% of our current servers can run as virtual machines. This will consolidate ten physical servers into one virtual server. This consolidation will decrease the amount of servers we have from 1,000 to 280. This is a drastic change that will result in less cooling and higher efficiency of servers and a decrease to maintenance costs.

 Switching to VMware will save our company $9.2 million over the next three years. Leaving our system as is, costs us $14 million in three years, but switching to virtual machines will only cost us $4.8 million in three years. The savings by switching to this system will eliminate a great number of maintenance costs. Consolidating our systems into virtual machines saves us time, and maintenance and cooling costs. With a three year benefit to our company of $9.2 million, there is no reason that we should not switch to the virtual machine system.

Sources

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