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Switching 80% of the servers in our data center to virtual machine servers will save the company approximately $9.2 million in revenue over a three-year time period. Investing in these virtual machine servers will not only decrease our initial costs and costs regarding maintenance, but also increase overall efficiency in our data center.

In making this switch, we would be able to consolidate, on average, 10 physical servers onto just one virtual machine server. This would decrease the demand for power and cooling maintenance, lowering the cost of operating these data centers for the business (Bigelow). Having the bulk of our servers being run as virtual also translates into easier back up processes and disaster recovery. There would be less people required to work on the machines and less equipment to deal with, making the recovery quicker and easier.

Replacing 80% of our physical servers in our data center with virtual machine servers will ensure a substantial benefit to our company. Currently, we spend $14 million a year on maintenance and initial costs for our physical servers. With the implementation of virtual machine servers, however, the total costs amount to $4.8 million. This would translate into a $9.2 million savings over a 3-year time span.

Works Cited

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