James Dantonio

 Installing VMware and virtualization will save our company $9,200,000 over three years. VMware and Virtualization will allow us to run our servers more efficiently by condensing our ten physical servers on one virtual machine. This will result in savings by condensing our 1,000 servers down to 280 servers.

We currently are running roughly 1,000 servers in our database and I believe that eighty percent of them can be run as virtual machines under VMware. VMware will give us the ability to run ten physical servers on one single virtual machine server reducing cost. We are currently running 1,000 physical servers, but VMware will allow us to condense 800 physical servers into 80 virtual servers. We will now only have 200 physical servers and 80 virtual servers. By condensing the amount of servers we have to maintain operations we will experience savings.

 By switching to VMware and virtualization, we will save $9,200,000 dollars in three years. The total cost for purchasing and maintain the 1,000 physical servers we currently support is $14,000,000 over the course of three years. However, if we take advantage of VMware, our total cost will only be $4,800,000 in the same time frame. By combining Virtualization with the physical servers, we will witness a reduction in purchase cost and maintenance cost going forward.

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