Megan Gallagher

Cloud Storage

 I highly recommend upgrading our traditional servers to cloud storage for our clients’ data, for the possibility of saving $3,740,000 per year. Cloud storage would reduce the amount of downtime our company experiences, reducing the amount of necessary maintenance. By utilizing Cloud Leverage’s cloud storage, the company would reduce the costs of storage and maintenance.

 Cloud computing allows an organization to store and access data over an internet connection, reducing the amount of servers necessary. Cloud computing relies heavily on internet connection, so the use of a high Tier datacenter is essential to maintaining a high level of availability for our client data. Cloud Leverage’s “cloud” would reduce the possibility of downtime, as it uses Tier IV functionality. Tier IV datacenters maintain an uptime rate of 99.995%, only suffering from 2.4 minutes of downtime per year. There is a 96 hour power outage protection for Tier IV datacenters, ensuring that clients will have access to the data that is stored.

 By using Cloud Leverage and cloud storage, the outdated servers in the datacenter could be completely eliminated. Currently, our servers cost $4,250,000 per year including the cost of maintenance. By reducing the possibility of downtime through cloud storage and Cloud Leverage’s Tier IV datacenter, our costs could be lowered to $510,000 per year, saving $3,740,000. Over a three year span, the company would have a net benefit of $11,220,000, making cloud computing a cost effective solution for data storage for the clients.

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| --- | --- | --- |
|   | Physical | Cloud |
| price/GB/year | 5 | 0.6 |
| GB | 850000 | 850000 |
| Cost 1 year | 4250000 | 510000 |
| 3 years | 12750000 | 1530000 |
|   |   |   |
| Benefit | 3740000 |   |
| Net Benefit (3 Yr) | 11220000 |   |