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Flash Paper Server and Storage

This company spends far too much money cooling our servers we have in our data centers. During the last 8 years our servers have been upgraded and are now capable of running the company more efficiently. While the performance is greater the means to cool these machines needs to be upgraded also. Each server we have costs the company 3922 dollars in just the energy to cool it. With a new advance in server technology we can integrate more liquid cooled servers. This will cut costs 93% while lessening our Carbon footprint making us a greener company.

We currently are cooling our servers with loud, costly fans. With fans our servers break more easily and accumulate dust, leading to failures and damage to our current servers. This is a problem that our company can easily fix with integrating new liquid cooled servers. The new servers will reduce heat by 95%, which lowers our energy costs by 100,000.oo dollars over a ten-year span. The new liquid cooled servers perform more efficiently with fewer failures and damages, which will also lower our infrastructure costs.

In the next ten years our company can save 100,000 dollars by switching to liquid cooled servers on energy costs alone. The new servers will cause less damage to hardware, which will save this company resources we can use in other areas of the company. The upgrade will help run the company more smoothly without IT interruptions affecting our companies' reputation.

Resources:

"The Latest Fan of Liquid-Cooled Servers: Google â□□ Tech News and Analysis." *GigaOM The Latest Fan of LiquidCooled Servers Google Comments*. N.p., n.d. Web. 14 Feb. 2013.

"In the Data Center, Power and Cooling Costs More than the It Equipment It Supports." *Electronics Cooling Magazine Focused on Thermal Management TIMs Fans Heat Sinks CFD Software LEDsLighting*. N.p., n.d. Web. 14 Feb. 2013.

"Cost Savings & Comparison." *Green Revolution Cooling*. N.p., n.d. Web. 14 Feb. 2013.