**MEMORANDUM**

To: Allyson Gillis, President of Information Technology at Sparty Solutions

From: Amit Grewal, Cloud Computing Researcher AG

Date: April 15, 2020

Subject: Analysis and Summarization of “Suddenly Essential Infrastructure: Cloud Computing Resources at the Forefront of the COVID-19 Crisis” (Syracuse University, 1 April 2020)

Allyson, I understand you are interested in the impact of cloud computing on the current business world and how you can better use it to enhance your business operations. Based on an article published by Syracuse University, I found cloud computing to be an excellent tool for cutting costs, boosting productivity and employee morale, and increasing analytical accuracy and efficiency. This memo includes a brief summary of the article, an analysis of the impacts cloud computing has on the current business world, and some recommendations for how to deploy cloud computing at Sparty Solutions.

**Summary of Article**

Cloud computing is going through an extensive stress test right now as ever-increasing numbers of workers and students use it to get through the current COVID-19 crisis. Cloud computing allows students and workers to stay home while still being productive and engaging with others. Further, cloud computing is infinitely scalable, at least in theory. The recent surge in use of cloud services has led to a few performance issues, but those have been fixed with little delay and reliability remains high. Cloud computing also allows for more efficient use of computing resources as they are shared with others when not in use and each individual or corporation has access to much more powerful resources than traditional models provide.

**Impacts on the Current Business World**

Cloud computing cuts costs, boosts productivity and morale, and increases accuracy and efficiency in analytics. Through renting computing resources, corporations can save on maintenance, support, and wasted time associated with owned computers. Working from a comfortable home environment allows employees to save on wasted time commuting and makes them more relaxed which increases morale and productivity while reducing non-operational costs. Moving analysis and other tasks easily accomplished by computers allows corporations to finish such tasks quicker and with less chance of error while focusing human efforts on more complicated and important tasks. In short, cloud computing has many benefits for corporations and their employees.

**Recommendations**

I recommend you implement cloud computing across the board at Sparty Solutions to improve your business by:

* Cutting costs on computing, employee benefits, wasted time
* Boosting employee satisfaction and productivity
* Increasing the efficiency and accuracy of analytics and similar business functions
* Providing room for future scaling in response to growing sales