

ABSTRACT

This project examines a feasibility study for implementation of a new data center for Thaveerung Co., Ltd. in order to improve the data center service to help the company's employees.

User Satisfaction Survey was conducted to identify the user satisfaction of the old process and also analyze which service that user needs for more improvement from the new data center. The result shows that 52% of users are not satisfied with the old process about timeliness of service, quality of hardware and software.

After all of the company's current problems have been consolidated, feasibility study is conducted to gather information, Three principal ways are applied operationally, technically and economically. The result from feasibility shows that Thaveerung Co., should implement a new data center at the same building of headquarters office at Phatumwan place because it still has empty space so it can save cost and it has sufficient complete facilities. Moreover, the new data center can generate more revenue of 11,929,900 per year because productivity has increased so sales volume is increased also. Return On Investment is 61% and Break Even Point is 2.5 years. It means that Thaveerung Co. can get the benefit back very fast in 2.5 years and can make more benefits in another 2.5 years because hardware useful life is 5 years before an upgraded option is needed.

So recommendations to Thaveerung Co., are that it should implement a new data center and use this plan to motivate employees, After that the committee should coordinate to monitor this project closely.