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Data Center Container Solutions

Building a new tier 3 data center will take approximately 18-24 months and cost $35 million however, purchasing a tier III Data Center Container Solution will only take 12 weeks from purchase to installation and cost $4 million. This would save the company approximately $27 million and the company would have an operating tier III data center 16 months sooner then expected.

The DCC has all the capabilities of a tier 3 data center without the need build a new physical structure. We can purchase another Container to add to the existing one in the event of a need for a larger data center. The containers can be purchased with cooling and backup generator systems already in place and the ability to support UPS systems. The container has a Power utilization efficiency of 1.3 to 1, wasting minimal energy as opposed to our current system's POE of 2.1 to 1. This is a 30% increase in energy efficiency. Although the container would be placed outside, it is designed to withstand the adverse weather conditions that a brick and mortar center would.

Purchasing a Data Center Container would cost $4 million or less and save $31 million and more than a year in time. The 30% increase in energy efficiency would save an estimated $60,000 a year. Since this is not considered a permanent structure we do not have to pay for any building permits. Total savings in its first year of implementation would be upwards of $27 million.

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