ABSTRACT

CV Media Smart Semarang is a company engaged in the procurement of IT equipment such as computers for schools and offices. With a fairly wide range of schools and companies, CV Media Smart requires a data center as a support in the plan to add business processes that CV Media Smart wants to do. The focus of this research is to design power management at CV Media Smart Semarang data center. To support this research the method used is the Network Development life cycle (NDLC), which refers to the TIA-942 standard. NDLC is a method that relies on development processes such as business process planners and infrastructure designs. The purpose of this study is to conduct an analysis of the existing power management conditions on CV Media Smart and produce an suitable power management design for the data center room at CV Media Smart. This research resulted in the proposed power management design in CV Smart Media that complies with the TIA-942 tier 1 standard.

Key Word : Data Center, Standar TIA-942, NDLC, CV Media Smart Semarang