

ABSTRACT

Telkom University is one of the universities engaged in ICT. Data Center is one of the important components for the sustainability of information technology at Telkom University. The Data Center at Telkom University is managed and implemented by the Information Systems Directorate. The Data Center Room of the Directorate of Information Systems at the University of Telkom is located in the Damar Room IF1.01.07. At present, the Directorate Information Systems has a data center that is not standardized yet, therefore analysis is needed for every need in the Data Center in accordance with the standards used as the TIA-942 standard. The author is focus at the Cooling Management section. For the needs of analysis, the PPDIOO method is used in the Network Life Cycle Approach. PPDIOO Method The Life-Cycle Approach Network has a phase that forms a cycle and there is optimization after implementation for long-term needs. The purpose of this study was the result of an analysis of the design of the Cooling Management Data Center in accordance with the TIA-942 standard. The final results will be in the form of the results of Data Center Analysis in the Data Center Room of the Telkom University Information System Directorate.

Keywords : *Data Center, PPDIOO, Cooling Management, Standard TIA-942, ICT*