

ABSTRACT

Bandung Regency Government is a Government Institution responsible for providing services to the entire community. One form of service is to provide services in the field of communication and informatics. The agency responsible for this service is the Communications, Informatics, and Statistics Office of Bandung Regency. Currently the Office of Communications, Information, and Statistics has a data center that serves to provide services in the field of communication and informatics placed in the DISKOMINFO office building.

In the data center management to provide services to the community there are problems that arise because of the weakness of management of the data center it self. Problems that arise such as the absence Organizational Unit and Work Procedure clear and structured in terms of data center monitoring and maintenance, both in terms of division of tasks, timing of implementation and standard operating procedures (SOP) monitoring and maintenance. Based on the existing problems, it is necessary to design the monitoring and maintenance system in accordance with TIA-942 standard and ISO / IEC 9001: 2005 standard. The method used is PPDIOO Network Life-Cylce Approach for the ideal design result for data center monitoring and maintenance system of Bandung Regency Government.

The results of the analysis proposed a document that contains the operational standard of the procedure, the division of tasks, the timing of the implementation and the things that need to get monitoring action at a certain time. As for the maintenance actions of the expected results is the existence of a document on the action of countermeasures and improvement of the main components and support data center in accordance with the standard.

Keywords : Data Center, Bandung Regency Government, Organizational Unit and Work Procedure, Monitoring and maintenance system, SOP, TIA-942, ISO/IEC 9001:2005, PDIOO Network Life-Cycle Approach.