

ABSTRACT

The rapid advancement of information technology today, making the entire process related to information technology should be centralized and easy to manage and connected to the internet, intranet or both. The data center is an example of a facility that enables information technology to be centralized and easy in terms of managing and supporting internet access, intranet or both. DISKOMINFO Bandung Regency Government has built a facility of data center to support process from DISKOMINFO Local Government of Bandung regency to be more centralized and more practical because using internet connection. But the existence of data center in Bandung regency government is not in accordance with the standards that have been made by ANSI / BICSI 002. Therefore needed a design for the existing data center in DISKOMINFO Local Government Bandung regency can reach the standards that have been determined especially for Cabling Design Consideration Building Automation System in data center DISKOMINFO Local Government of Bandung regency. In the manufacture of Cabling Design Consideration Building Automation System has aspects and scope of General Cabling Standards, Topology, Media, Pathways and Spaces, Cabling Management and Termination and Enclosures. The result of this research is to analyze and give result to process data center that exist in DISKOMINFO Local Government of Bandung Regency based on ANSI / BICSI 002 standard. The final result of this research is a proposed output about data center processing on Cabling Design Considerations Building Automation System can be implemented in DISKOMINFO Local Government of Bandung regency.

Keywords: Data Center, DISKOMINFO Bandung Regency Government, Cabling Design Considerations Building Automation System, ANSI/BICSI 002, PPDIOO.