

## **ABSTRACT**

### **ANALYSIS AND DESIGN OF STANDARD OPERATING PROCEDURES IN PT. XYZ SERVER ROOM USING TIA-942 AND ISO / IEC 27002**

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As a private company engaged in data center services, it should have business process procedures that can facilitate the implementation of tasks and work in the company. However, in the management of existing regulations in the company to support this business process, there are problems that can hinder the work of employees. The cause of this problem is the absence of SOPs that regulate the work of existing employees as a result of which employees become confused about carrying out their activities and experience problems, namely inefficient time which can prevent employees from executing an ongoing activity.

Based on these problems, an SOP design is needed to simplify and help make work more efficient, as well as an SOP design that must meet the specified standards, namely TIA-942 and ISO 27002, both of these standards function to optimize business processes and activities in the company, namely focusing on data security as well as the company's datacenter infrastructure.

Keywords: Data center, Standard Operating Procedure, TIA-942, ISO 27002

