

*ANDROID-BASED TELECOMMUNICATION TOWER PROJECT
SURVEY DATA STORAGE SYSTEM APPLICATION USING
CLOUD COMPUTING (SAAS)*

(Case Study: PT. Tricomindo Cipta Mandiri Jakarta)

ABSTRACT

Cloud computing is a new approach to locating and transmitting data over the internet and is a system that connects a collection of IT resources and data mining capabilities, offering almost limitless potential to users. The aim of this application system is to facilitate the processing of project survey document data by admins and technicians, who currently still use conventional reporting processes. So, a system is needed that allows technicians to report and store data and survey results directly in the system, which aims to make the reporting and storage process more secure and flexible by using cloud storage. The black-box testing results show that the application system developed is capable of storing data in the form of text, images and PDF files in cloud storage. The conclusion from the process of designing a data storage application system by utilizing cloud computing is that it can facilitate more efficient and secure data storage for companies.

Keywords: Android, Cloud, Computing, SaaS, Data