# ABSTRACT

## PT TELKOM CIANJUR WEB-BASED ASSETS AND INVENTORY DATA MONITORING SYSTEM

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*Devices management is a very important thing to do at PT Telkom Cianjur, because device is one of company assets, so inventory data to those assets must be consistent in order to provide clear information and ease to maintained. Device management has many problems such as employees device distribution which are not monitored because device data are not connected to employees data, when the employees had not been using the devices, the information is not going to be accurate, data duplication possibility, and causes data inconsistent on the field.*

*Process to ensure data accuracy and data clarity so the recapitulation and reporting data can be carried out properly is monitoring the data. Monitoring process carried out by examine data based on device status, device stock on each work site, device distribution based on work site, and monitoring process will produce report and data recapitulation each month. Analysis method that used to build this system based on structured analysis method, tools are used to model the data flow is DFD (Data Flow Diagram), and ER Diagram to model the data relation*

*PT. Telkom Cianjur web-based assets and inventory data monitoring system consists of several access rights such admin (LAN & Desktop Support) access right, and manager access right. As the system benefit, this system can facilitate assets processing and report generation and employees device distribution process, as well as data duplication reduction, so data monitoring process can be perform, data clarity and data consistency on the field can be maintained and reduce problem that will occur and address it soon.*

***Key words:*** *Monitoring, assets, device distribution, LAN & Desktop Support, and Manager*