

ABSTRACT

The evolution of Information Technology was affected to Banking industries, and was impacted to high level competition to seizing the customer. The assertion to available universal finance services becomes higher. Mostly Banks, the supported information and technology, was represented the most valuable company's assets. The result of investment and the sacrifice of the awareness of IT Governance importance will be obtained by the Bank. The IT Governances in Banking industries may be well implemented if its refer to international standard IT Governance development, like **COBIT** (*Control Objectives for Information and related Technology*). This research using 10 process, domain Plan and Organize.

The research object is PT. Bank Pembangunan Daerah Jawa Timur. In January 2002 PT. Bank Pembangunan Daerah Jawa Timur apply on line real-time system, means that utilizing the integrated and centralized information system from Central Office to Branch/Support Branch Offices was applied too.

The problems in this research are connected to Information Technology, among other how is the implemented IT Governance in PT. Bank Pembangunan Daerah Jawa Timur, how is the IT performances in PT. Bank Pembangunan Daerah Jawa Timur to fit with **COBIT** standard, and what can the managerial do to upgrade their IT performance.

COBIT standard explain that the assessments executed by interviewing, observation, and inspection to related documentation, afterwards the Control Objective and Maturity Model of the IT processes was scored.

Result obtained from this research that is the Control Objective of domain Plan and Organize's score is 1.3 means less. Whereas the Maturity Model of the IT processes score is 2.00 means repeatable but intuitive.

To generate the Objective Control of domain Plan and Organize's score is 3 (good) and the Maturity Model of the IT processes score is 4.00 (Managed and Measurable), the managerial must be retired the risk management and effectively internal control which make periodically control evaluation, documented, and automated, and monitoring and measuring the obedience of the procedure, and if the processes are not work effectively then the managerial can be take the action, and always upgrade processes and serve good practice.

Key words: **COBIT**, Information Technology Audit, domain Plan and Organize, Control Objective, Maturity Model.