ABSTRACT

The use of information system applications in the operations of the company as a major tool in the integrated system on a sub-organization determine the outcome of the performance value of the organization itself. Information systems was developed by the company for operations of the company often changes with increasing demands to the company as a sub-organization of the company's operations organizer. Often the achievement of performance measurement is only performed on humanware aspects but aspects inforware as assistant principal components is often a neglected aspect in the management of the company's operations.

This study measuring the inforware aspects of the application of information systems used by PT. PLN (Persero) Rayon Kamal as a sub-organization of the company's operations. It is expected that the measurement of the level of sophistication and effectiveness of information systems applications used to achieve the performance targets. The reference parameters as measurement component of the framework adopts CobIT (Control Objectives For Information and Related Technology). CobIT has 4 (four) domains, namely: Plan and Organize, Acquire and Implement, Deliver and Support, and Monitor and Evaluate.

This study uses Methodology approaching the level of sophistication technometric (state of the art) on four domains and criteria CobIT inforware at. PLN (Persero) Rayon Kamal. While AHP (Analytic Hierarchy Process) is used to perform the weighting of each criterion on aspects inforware and technometric to determine the level of sophistication (state of the art).

Key Word: Information system applications, Tecnometric, AHP, and CobIT