

ABSTRACT

Information technology governance (IT Governance) in the company has an important role in maximizing the information technology that has been implemented in the company. IT governance at the company aims to align IT strategy with business strategy. Without good IT governance, it will arise various problems. The level of IT governance capabilities should also be measured, monitored, and evaluated so that IT governance further improve the performance of IT in support of business processes. This thesis focuses the discussion on measuring the level of capability of IT governance process with COBIT 5 on the domain of EDM (Evaluate, direct, monitor) with a case study in PT. Nusa Halmahera Minerals.

From the research that has been done shows that the level of IT governance process capability in the domain EDM in PT. Nusa Halmahera Minerals to process EDM01 (Ensure Governance Framework Setting and Maintenance) are at level 1 (Performed Process) process which has been undertaken and successfully achieved its objectives.

Keywords: *IT Governance, COBIT , EDM, capability level*

INTISARI

Tata kelola teknologi informasi (*IT Governance*) di perusahaan memiliki peranan penting dalam memaksimalkan teknologi informasi yang sudah diimplementasikan di perusahaan. Tata kelola TI di perusahaan bertujuan untuk menelaraskan strategi TI dengan strategi bisnis perusahaan. Tanpa tata kelola TI yang baik maka akan timbul berbagai permasalahan. Tingkat kapabilitas tata kelola TI juga harus diukur, dimonitor, dan dievaluasi sehingga tata kelola TI semakin meningkatkan kinerja TI dalam mendukung proses bisnis. Tesis ini memfokuskan pembahasan pada pengukuran tingkat kapabilitas proses tata kelola TI dengan COBIT 5 pada domain EDM (*evaluate, direct, monitor*) dengan studi kasus di PT. Nusa Halmahera Minerals.

Dari penelitian yang sudah dilakukan diperoleh hasil bahwa tingkat kapabilitas proses tata kelola TI pada domain EDM di PT. Nusa Halmahera Minerals untuk proses EDM01 (*Ensure Governance Framework Setting and Maintenance*) berada pada level 1 (*Performed Process*) yakni proses tersebut sudah dijalankan dan berhasil mencapai tujuannya.

Kata Kunci: *IT Governance, COBIT, EDM, capability level*