

## Abstract

Alignment between IS Strategy and business strategy is an important thing in developing the organization and company. IS Strategy is the way to manage information system in order to support business processes and achieve STT TELKOM Strategic Objectives. A good business strategy must be supported by IS Strategy, because business strategy can not be separated with IS strategy in organization which use a lot of Information system, STT TELKOM is one of the organization which used a lot of information system to support core business and services. IS Strategy STT TELKOM seems not align with business strategy, it is can be seen that there are a lot silos of information, which are the information of islands and information which is not integrated and there is a possibility in redundancy data whereas data for the same information, differentiate in each business unit such as different information of the amount of college students in two different units. Because of those reason, it is necessary to plan Information System Strategy which is aligned with STT Telkom businesses, therefore this thing is a challenge for STT Telkom to keep compete and become a better one as the education institution which aims becoming world class university.

This research was started by collecting STT TELKOM business document, separated between current strategy business and target strategy business. Then interviewed high-level management in ST TELKOM, President of ST TELKOM, Vice President Academic division, Head office of Information System. After that, we do a gap analysis between current business condition with future direction and target business direction with IT Toolkit and using the perspective balance scorecard. From the processing of the current and future business, we can see that STT Telkom need is having some information that can support their business. The result from interview with head office of information system is description about current Architecture information system. Once again we do gap analysis between requirement target of information system and current architecture information system. The result from the gap analysis is the information system strategy. This Information system strategy will become reference and escort for STT TELKOM in developing the information system.

Keywords : Information System, IS Strategy, and Gap Analysis