ABSTRACT

Billing constitutes as one of the important bussiness for PT Telkom, it becomes the major parameter in measuring a company success level, billing is also the basis for the revenue management of PT Telkom. Considering the importance of the billing process, PT Telkom have implemented the SAP Revenue Management Contract Accounting (RMCA), which is currently called TREMS (Telkom Revenue Management System). In the presence of this TREMS, the accounting process is expected to be able to maintain the data consistency, because SAP has one of the best integration capability available in the market and has been used in many large scale companies in Europe and America. However, the implementation of TREMS influence the existing billing system and incite some unexpected problems. One of the most significant problem is the interconnection between the legacy as billing data source (non-SAP platform) with TREMS (SAP platform).

The problems above are solved by making additional programs in SAP which is Z-Programs. These programs can connect TREMS to legacy system because this program is designed to utilize stored procedure among different databases so that end result of this programs can be transferred to TREMS without any problem or inconsistencies. This final project implement and analyze one of the Z-Program in the matter of performance. Z-Program is made using ABAP4 language which is the SAP native programming language. For the analysis, connection test between data volume and the time needed to transfer data from legacy system to TREMS was performed and compared.

This final project can be integrated successfully TREMS with the existing billing system in PT Telkom while maintaining the quality of performace and data accuracy.

Keywords : TREMS, SAP, Z-Program, Revenue Management, legacy.