

## ABSTRACT

Cementhai Sales & Marketing Co., Ltd, a company in Distribution Business of the Siam Cement Group (SCG), is a marketing and distribution expert in the domestic market for building and home improvement products with a proven track record and an extensive sales network encompassing 550 dealers, more than 2,000 sub-dealers, and over 300 Cementhai Home Mart stores. CSM will offer products from external parties to suit every customer's need. Therefore, the external procurement system is a basic required system to enable CSM to expand its business network beyond the physical boundaries.

SAP R/3 system has been available for the Siam Cement Group since November 1, 2000. SAP R/3 contains basic functional module to service enterprise-centric business. Consequently, CSM has a policy to enhance SAP R/3 for the external procurement system in order to solve an existing manual and some computerized system, which is liable for a heap of hard copy, human errors, data redundancy, and disintegrated data.

The new proposed SAP External Procurement System will be developed to replace the manual and some computerized systems. The system provides sound function for external procurement processes to CSM increasingly implement end-to-end business processes with business partners. All data are stored in data warehouse with high security and integrity. SAP R/3 GUI 4.6.0 fulfills all requirements to optimize collaboration business processes. The new proposed system will diminish purchasing cycle time, effective to track all status and document flow in a second, enable the paperless office, execute many follow-up reports for purchasing function as well as the management level in a few minutes, and provide real-time information