

## ABSTRACT

Since nearly the end of 20<sup>th</sup> century, information is the very important weapon for all kinds of organization, and also it is important for individual. What has been taking place in managing information is the computerized system.

The Information implied by the software is the factor that differentiates. The completeness and timeliness of information provided by the software (and related databases) differentiate one company from its competitors. The intelligence and function provided by the embedded software often differentiate two similar industrial or consumer products. It is the software that can make the difference.

The Production Cost Accounting System for a Valve Manufacturer Company, which is presented in the report, was analyzed and designed as the Master Project of CIS (CS 6998 System Development Project). This system was designed for Nagayama Co., Ltd. It is a computerized business system which is developed to increase the organization's potential and the reduce problems. It was basically designed for data controlling in two major fields (Inventory control and Cost of production Calculation). It was developed to replace the current manual system in order to solve many problems as are shown in this report.

This report defined the details of the system and the trend how the Cost and Inventory Control System is programming. This would be useful in later development and maintenance.