

## ABSTRACT

American Standard, Inc., is the world's biggest sanitary ware manufacturer, with more than 20 subsidiaries located all over the world. Because of low operation costs in Asia, the management decided to make Asian plants to be main sources for worldwide sales, in order to maximize company profits worldwide.

“SOIP”, which stands for Sales, Operation, Inventory Planning, is an organizational set up for smooth supply chain among inter-companies. To achieve their objectives, one function is to keep balance between Asian production capacity to balance with worldwide demand.

The current existing information system for worldwide demand and Asian supply is done on many separated spreadsheets of Excel program. Therefore, updating and consolidation of data is a time consuming job. And current format of spreadsheet limits SOIP people to do their analysis and customize their reports. This causes long lead-time for monthly production planning, which affects the company capability to respond to the market.

The new proposed Information System will be developed to shorten this lead-time by providing computerized information system with Intranet System. All data are kept and updated in the same database server, Microsoft SQL Server 2000, and are accessed through the web sever, Microsoft Internet Information Server 6.0 on Microsoft Windows Server 2003. The user interfaces, moreover, are implemented on web browser, Microsoft Internet Explorer. It will reduce time consumed for updating, consolidating and analyzing data. Hence, it allows the company to improve speed to respond to the market. Increasing service level and reducing inventory is the final goal of the new Information System.