



# Supply Chain Management System

Innovative Solutions for the New Millennium

2002

## SCM

Makabu's Supply Chain Management (SCM) system is a comprehensive system that can be used by both manufacturing and service companies. The Supply Chain system creates value by providing accurate, real-time information to decision makers about all aspects of their operations. The system has been developed based on the MRP-II philosophy and is designed to help companies reduce costs between 5%-10% of sales through efficient inventory and production management, accurate product costing and real-time decision support for sales and marketing.

## How it Works

Makabu's SCM system has five major modules:

- Sales and Marketing forecasts
- Inventory Management
- Production Planning
  - Costing
  - Material Wastage
  - Supply Lead Time
  - Product Recipe
- Preventive Maintenance
- Management Information System

The system allows the users to enter a sales forecast for products. This forecast is matched against existing product inventory and a production plan is produced that determines the lead time and actual costs for a product based upon actual raw material inven-

tory. In this way the users are able to answer questions such as:

- What is required to cater for the months sales forecast?
- What is on order (quantity and costs)?
- When will an order be completed? What are the delays?
- How much has been produced? How much has been wasted?

## Technologies Used

SCM has been developed using Microsoft Technologies and is fully integrated high volume processing system capable of handling simultaneous transactions originating from multiple departments.

- MS SQL Server
- Visual Basic

## Benefits

*In day-to-day operations, it not only provides assistance to the staff, but satisfies the needs of decision makers by providing immediate answers to common queries such as raw material and product inventory, accurate product costing, resource allocation etc.*

*Because of better planning capabilities, reduction in inventory costs can be achieved through reduced wastage and more inventory turns.*

## Features

*Tracking of finished goods and raw materials inventory.*

*Production planning capabilities including production costing, material wastage calculations, supply lead time and product recipe.*

*Linking of sales and marketing forecast to production planning.*

*Work flow management through alert message at different user levels.*

*Extensive management reporting capabilities.*

*Flexible configuration and setup options that would help in setting up user groups, reporting levels and more.*

Item Code	Description	Qty Requested	Qty Delivered	Remarks

## Makabu Clients

3M  
British Petroleum  
Carbon Partners  
Commerce One  
Idea Integration  
Ikonami  
InfocusWeb  
Johnson and Johnson  
Kwik-Fit (Ford)  
MidEast Online  
Peoples Business Network  
Pharmacia (UpJohn)  
OGS  
Sitaro  
Suplion  
Transpolink  
VentureChest  
WPP

SCM INSTALLED BASE INCLUDES  
REGIONAL CONSUMER PRODUCT  
COMPANIES



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