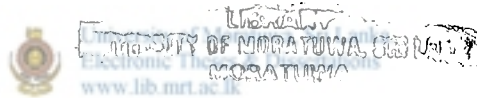


**INFORMATION SYSTEM MODEL  
FOR ORDER TRACKING IN  
TEXTILE INDUSTRY**

By

**W.P.D.P PERERA**

A dissertation submitted to the Department of  
Textile & Clothing Technology of the  
University of Moratuwa in partial fulfillment of  
the requirements for the degree of



**MASTER OF SCIENCE IN TEXTILE  
AND CLOTHING MANAGMENT**

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Department of Textile & Clothing Technology  
University Of Moratuwa  
Sri Lanaka  
January 2005



University of Moratuwa



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Thesis

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The work presented in the thesis in part or whole has not been submitted for any other academic qualification at any institution



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Supervisor (DR. JANAKA WIJAYANAYAKA) uwa, Sri Lanka.  
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## ABSTRACT

The project is aimed at finding out the problems in the information flow and as well as the order tracking in the textile industry, and to suggest a computer integrated information system model in order to rectify the problems in information flow and to improve the way of order tracking.

The current status of information flow and the order tracking of the industry was studied in detail by using information collected from varied sources. Different techniques such as interviewing the workers in different departments of the organization, direct observing of the current system and collecting the related documents from the industry and from the publications.

After analyzing the current system, it is found that the whole order tracking and the information flow depend on one document called 'Route card', which consist of all the details of the order. Also it is found that some of the main disadvantages of this process are misplacing data, inaccurate data and long processing time to get information.

Finally, a new system is proposed mainly to overcome the major problem identified and to build and improve the strong order tracking system for the industry. This model replaces the old traditional 'Route card' to a Barcode which contain all the details of the order. Each workstation would have a barcode scanner along with the PC and once the operator scanned the barcode, the system will automatically generate all the necessary fields required by new route card and it will display on the monitor at the particular workstation. All these data and details distributed among the departments using a Local Area Networking system with Client Server Architecture.

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