

## The Research of an Inventory Control Information System Based on the Internet

Xiao Hanbin, Mo Lili, Zeng Xiangfeng  
Logistics Department of Wuhan University of Technology  
Wuhan, Hubei, 430063, China  
Email: xhb@mail.whut.edu.cn Tel: 13507134385

### ABSTRACT

Most produce enterprises in our country face with problems overstocking and high cost to maintain inventory. In order to deal with problems mentioned above, this paper develops an integrated inventory control information system according to principles of MRP and JIT and adopts B/W/D/C mode. The system consists of inventory management module, purchase management module, supply agent analysis and Web query module. We put the first three modules in C/S interface to meet the minority (functional departments) and put the last module in B/S interface to meet the majority (clients). Both interfaces use Web database in common. In the system, it utilizes Delphi 6 as C/S interface foreground development tool, Visual Interdev 6.0 as Web interface development tool and Microsoft SQL Server 2000 as database in bottom.

**Keywords:** Inventory Control, Information System, MRP, JIT, B/W/D/C Mode, Internet.