

# ***Material Management System 1.0***

Verified and Validated By Microsoft Windows 2003 Server ISV Program, Bangalore, India  
And  
VERITEST (France)

Product ID : BI0309239558



Blue Chip Computer Consultants  
www.bluechipsw.com

***Material Management System***

Allocation

Receiving

Shipping

Increased Productivity

Information Streamlined

The image shows a promotional graphic for the Material Management System. It features a hand holding a pen over a document in the top left corner. Below this, the company name 'Blue Chip Computer Consultants' and website 'www.bluechipsw.com' are listed. The main title 'Material Management System' is written in a stylized purple font. To the left of the main graphic are three icons: a Rubik's cube labeled 'Allocation', a forklift labeled 'Receiving', and a truck labeled 'Shipping'. To the right is a larger graphic showing a warehouse interior with a green line graph trending upwards, labeled 'Increased Productivity' and 'Information Streamlined'.

## **Managing Materials Simplified**

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The material management module is ideal for industries seeking foolproof tracking of the flow and management of material information in their enterprises-from Purchase, Inventory Management to aspects of Production and Sales. It can also be a stepping-stone for future ERP implementation.

Some of the features of the module are mentioned below sub-module wise

## Purchase

- **Purchase Requisition**

The purpose of the screen is to enter the Items, which are required by the department. After entering the Header Details of a PO Requisition through PO Req. Header screen, the Line details i.e., what Item, how much quantity and the due date

- **Purchase Requisition Approval**

PO Req. Approval Screen helps to View, Modify and Confirm the PO Requisitions waiting to get confirmed.

- **Purchase order (Regular as well as Blanket)**

The purpose of PO screen is to raise the Purchase Order against a vendor. Purchase Order can be raised directly, on requisition or by copying an old PO. There are two types of PO. REGULAR and BLANKET Order .PO can be raised with Planned Status, Once the complete stock is received against respective PO the status automatically become Completed.

- **Purchase order lines/release**

This screen that can be accessed from PO Header Screen is the second step after creating a PO Header. Defining the Lines and the release of the item can be done through this screen

- **PO Amendment**

The purpose of this screen is to make an amendment for quantity or Price field against a Printed PO. If any amendment is made to the price, it will reflect to the material cost of the Selected PO only. A count will be provided to keep the track of number of amendments done against a respective Ordered PO in PO Header screen. Amendment can be done only for Ordered POs for which the PO Printing has been done and Amendment changes would take effect for only Fresh GRN's or other related screens, which are raised after the Amendment is made

- **Goods Receipts Note-GRN**

The purpose of screen is to raise a GRN against selected ordered PO, which has been printed. GRN can be raised for two different types i.e. “Local” and “Foreign”.

- **GRN Quality (In bound quality)**

The purpose of screen is to decide how much quantity has to be accepted and how much has to be rejected after the quality control process

- **Finance entry**

The Purpose of this screen is to calculate the unit cost of an item (using weighted average method) accepted after Quality check, Update the accepted stock and if all the stock is received for the PO then the PO will be Complete.

- **P.O Closure**

The Purpose of this Screen is to short close the PRINTED PO. By closing all the Lines in the PO will result in closing of PO.

- **P.O returns**

The Purpose of this Screen is to return the PO (due to defect in the material or quality related problems). After the GRN has been raised.

## **Inventory (Stock)**

- **Miscellaneous Receipts**

The purpose of Miscellaneous Receipts screen is to raise the Receipts against an Item Received without having PO.

- **Miscellaneous Issues**

The purpose of Miscellaneous Issues screen is to issue the miscellaneous item with out a production order.

- **Quantity Adjustment**

The Purpose of this screen is to adjust the stock in the system for non-lot tracked item. Sometime the system quantity does not match with the physical quantity, so to do the adjustment this screen can be used.

- **Quantity Move**

This Screen is used to Transfer a specified quantity of an Item from one Location to Another, this Inter Location Transfer comes in to picture when ever there is a demand for the particular Item in one Location, or the Item needs to be shifted due to storage problems, or any other reason, which can be sufficed by moving the Item from one Location to another.

- **Physical Stock Verification**

This Screen is used to adjust the quantity on hand (for non lot tracked items) or lot quantity (for lot tracked items) of items, with comparison with the physical quantities and the actual stock.

### Subcontract

- **Work Order**

This Screen enables the user to enter the details of Items to be outsourced (sent for sub-contracting) and details of Item received.

- **Delivery Challan**

The purpose of the screen is to generate a DC (Delivery Challan) for a selected Work Order, only ORDERED status Work Orders can be selected to make a DC

### Production

- **BOM Operation**

This screen is used to define the number of operations or process details required to manufacture the finished goods (FG).

- **BOM- Materials (Multi-Level)**

This screen is used to define the raw materials required and the operations or process involved to manufacture the FG.

- **Production Order (Multi-Level Consumption)**

Production orders or also known as work order in general terms is used to give schedules to the production team as well as book the production for a particular finished good for the dates mentioned

- **Production issues**

The purpose of the screen is to issue raw materials or items required for a released Production order from multiple nettable locations to company issue location for production

- **Production withdrawals**

The purpose of this screen is to withdraw raw materials or items from issued location for stopped and completed Production order no.

- **Production receipts**

The purpose of the screen is to receive the finished good (fg) against a released Production order number.

## Sales

- **(Customer) Sales Order**

The purpose of co screen is to raise the customer order against a customer. There are two types of co. regular and blanket order .co can be raised with planned status, once the complete stock is delivered against respective co the status automatically become completed.

- **Shipment**

The purpose of the screen is to raise the shipment note against a customer order, which describe all the shipment details of a customer

- **Invoice**

The purpose of screen is to generate the invoice against a customer order

- **Sales Return**

This screen is used to keep the track of all the sales return made

## Reports

The material module is designed to capture data related to material extensively, across each of the sub-modules described. Reports can therefore take any form that different enterprises would deem necessary as per their requirements. Some sample reports are mentioned here in.

- Item Details
- Item Stock by ABC Code
- Item stock by location
- Item stock by rank
- Purchase Order Report.
- Material Transaction By Date
- Material Transaction By Item
- Production Order Status
- Past Due Production Report
- PO Report by Item

- PO Report by Date
- PO Report by Product
- PO Report by Vendor
- GRN Details by GRN NO
- GRN Details by PO
- Work Order by Status
- Work Order by Date
- Order Status by Customer
- Available quantity to ship report

**Note: Reports would be customized based on a requirement listing of the client; also more reports can be added to the already available options.**

**Some of the generic transactions are mentioned below**

- **Receiving of Goods**
  1. **GRN (Goods Received Note) Entry**
  2. **GRN (Goods Received Note) Printing**
  3. **Finance Entry**
  4. **PO Receipt**
- **Other Stock Room Activities for Managing the Inventory**
  1. **Quantity Adjustments**
  2. **Quantity Move**
  3. **Miscellaneous Receipts**
  4. **Miscellaneous Issue**
- **Bill of Material**
  1. **BOM (Bill Of Material) Operation**
  2. **Physical Stock Verification**

This option allows you to do a reconciliation of the stocks for the entire items at one stroke. This option helps reconciliation of Books to Physical stock (BTP) and thus helps maintaining an accurate inventory.

## **About Microsoft Windows 2003 Server ISV Program VERITEST Testing**

Material Management System Version 1.0 Verified and Validated By Microsoft Windows 2003 Server ISV Program, Bangalore and VERITAS (FRANCE) TESTING. The anticipated introduction of Windows Server 2003 represents an important milestone for the Windows operating system family. This new operating system will include many new features and innovations, but it is also heavily influenced by Microsoft's commitment to secure computing. Another commitment that Microsoft has made is to create a platform that is highly compatible with applications. To this end, this gives an outline of design changes in the operating system that may have an impact on application compatibility for both existing programs, and for applications currently in development.

In the ongoing efforts to make the operating system more reliable and secure we will find that Windows Server 2003 behaves differently in some respects than Windows 2000 Server. As a result, certain applications that were supported on Windows 2000 no longer work as expected. Microsoft is actively working with Independent Software Vendors (ISVs) to ensure customer solutions are available.

The workshop supported by Charles Satterfield alongside Bassu Hiremath from Microsoft Performance Analysis and Research Centre (PARC) lab at Redmond, and delivered by Raj Chaudhri from Microsoft India Developer Evangelism team, aiming to ensure that the applications migration from the earlier Windows versions to Windows Server 2003.

Material Management System Version 1.0 has been selected out of three among 8 other vendors to qualify for VeriTest Testing. VeriTest is a France based independent QA and Testing unit responsible for Load and stress testing, Quality Assurance (QA), Certification Performance testing, Competitive Analysis, Usability testing, Benchmarks, Globalization testing, Security testing, Migration testing etc.

(See: [www.veritest.com](http://www.veritest.com) for more details).

Microsoft had tied up with VeriTest to conduct Testing of Microsoft Technology based products under Windows 2003 Server. Finally Material Management System Version 1.0 passed the VeriTest Testing at France and selected for Microsoft Certified Partner program with...

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## **In conclusion**

The Material management module draws from the extensive experience of Blue Chip as an Enterprise solution provider. It focuses on the key area of stock, reflecting in-depth features that can only otherwise be found in the corresponding modules of a global ERP.



**For further information and demo,  
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