



TimeWatch Inventory & Asset Tracking System
Version 2.0

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TimeWatch
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Inventory Control System

Determines Stock of different materials at different companies, Locations, Warehouses of the organization. Material's Max, Min, Reorder Level. Indent, PO, Approvals, MRN, Material Issue/ Receive and all Transactions. Reports. Price Quotations, Minimum Price of a material, Rate history. Provides Supplier detail, Customer detail, Material detail, Sale, Purchase detail etc., Material Procurement, Invoice, Gate Pass, etc. BOM (Bill of Material) provides quantity of Materials required for the production of required quantity of Product. User Rights/ Roles & Privileges for different tasks can be assigned.


Manages the complete cycle of transaction from Requisition of material to Receive and Issue, viz. Indent, Indent approval, PO, PO approval, MRN/ GRN, QC, Material Receive/ Store & Material Issue.

Besides this a number of provisions that include Stock management (Raw Materials, Products, Assets, etc.), Rate Analysis, Supplier, Vendor, Customer detail, BOM (Bill of Material), Sale Invoice, Gate Pass with sophisticated means to manage Users by assigning different Rights, Roles & Privileges are the distinguishing features of the TimeWatch Inventory Systems.

Basic Components

-  Masters
-  Material Management
-  Stock Management
-  Sale Invoice
-  Bill Of Material (BOM)
-  Rate Analysis
-  Asset Tracking
-  Gate Pass
-  User Account Management
-  Reports

Masters

- | | |
|--|--|
|  Material Master |  Customer Master |
|  Material Category Master |  Vendor Master |
|  Material Type Master |  Company, Branches Master |
|  Material Sub type Master |  Department Master |
|  Material Unit Master | |



Material Management

- | | |
|-----------------------------------|-------------------------------------|
| -> Indents | -> Indent Approval |
| -> Purchase Order (PO) | -> PO Approval Stage 1 |
| -> MRN/GRN | -> PO Approval Stage 2 |
| -> Quality Check (QC) | -> PO Printing |
| -> Material Receive (Store/Stock) | -> PO Re-Printing |
| -> Material Issue | -> MRN/GRN Detail |
| -> Transaction Ledger | -> Transaction Issue/Receive detail |

Stock Management

- | | |
|-----------------------------|--|
| -> Stock Register | -> Stock detail for all Companies/
Branches/ Location |
| -> Short Materials | -> View Stock from Remote |
| -> Re-order Level Materials | -> Current Stock, Out of Stock |
| -> Minimum Level Materials | |
| -> Maximum Level Materials | |

Sale Invoice

- | | |
|-------------------------|------------------------|
| -> Prepare Sale Invoice | -> Tax Invoice |
| -> Print Sale Invoice | -> Retail Invoice |
| -> Sale Invoice Reports | -> Service Tax Invoice |

Rate Analysis

- | | |
|---|----------------------|
| -> Supplier Quotations records | -> Rate Comparison |
| -> Automatic Rate Analysis while preparing PO | -> Rate History (PO) |

Gate Pass

- | | |
|--|-----------------------------|
| -> Generate, Issue, Print Gate Pass | -> Returnable Gate Pass |
| -> Receive Materials against Gate Pass | -> Non-Returnable Gate Pass |
| -> Pending Gate Pass detail | -> Gate Pass Reports |



Asset Tracking

- | | |
|---|------------------------------|
| -> Asset/ Serial Master | -> Bar coding Assets |
| -> Asset Description (Serial No, Make, Model, etc.) | -> Bar coding Locations |
| -> Asset Warranty, Insurance, AMC detail | -> Asset Verification |
| -> Fixed Asset Register (FAR) | -> Asset Movement detail |
| -> Asset Depreciation calculation | -> Missing Assets detail |
| -> Assets Location detail | -> Moved Assets details |
| -> Assets/ Serial tracking (Receive, Issue, Gate Pass, Location, etc. detail) | -> Issuing/ Receiving assets |

User & Rights Management

- | | |
|--|------------------------------------|
| -> Create, Modify, Delete Users | -> Assign different tasks to Users |
| -> Assign/ Define User Roles | -> HOD/ Admin Rights |
| -> Company (Branches/ Location) wise Users | -> Authorized access/ login |

Reports

Material Management

- > Prepared Indents detail
- > Approved Indents detail
- > Rejected Indents detail
- > Purchase Order (PO) detail
- > Approved PO detail
- > Rejected PO detail
- > Pending PO detail
- > MRN/ GRN report
- > MRN/ GRN Materials detail
- > Pending MRN/GRN
- > Challan Materials
- > Rejected Materials

Stock Management

- > Current Stock
- > Out of Stock
- > Re-order Level Materials
- > Minimum Level Materials
- > Maximum Level Materials
- > Transaction Ledger
- > Material Issue detail
- > Material Receive detail
- > Supplier wise Transaction detail
- > Customer wise Transaction detail
- > Employee wise Transaction detail
- > Department wise Transaction detail
- > Date wise Transaction detail
- > Material wise Transaction detail

Gate Pass

- > All Gate Passes issued
- > Gate Pass Material List detail
- > Returnable Gate Passes Issued
- > Non-Returnable Gate Passes Issued
- > Pending Gate Passes detail
- > Gate Passes exceeding expected Return date

Asset Tracking

- > Asset detail report
- > FAR (Fixed Asset Register) report
- > Asset Verification Report
- > Moved Assets
- > Missing Assets Report
- > Bar coded Assets
- > Non-Bar coded Assets
- > Non-Location Assets
- > Location wise allotted Assets
- > Location wise all Assets
- > Active Assets
- > In-Active Assets

Sale Invoice

- > Sale Invoice report
- > Date wise Sale Invoice report
- > Material wise Sale Invoice report

**Key Features:**

- Management of unlimited number of vendors, clients, products and warehouses
- Stocks at multiple Companies, Locations, Branches
- Management of discounts, payment terms and deadlines that can be assigned to partners
- Enhanced Rate Analysis feature
- Easy stock management, stock level control, preparation of price list and inventory list
- Quick delivery note/ PO preparation process
- Print preview of vouchers
- Record stock accounting list
- Query stock accounting and transactions
- All details regarding MRN/GRN, Quality Control, PO, Indents
- Indent preparation & approval
- PO preparation & approval at two stages, Printing & exporting
- Material Receive entry, MRN/GRN
- QC, Materials & quantity accepted/ rejected, remarks
- Material issue transaction detail
- Management of production articles
- Query export in excel as well as text files
- Built-in access right settings
- Extensive users' guide



Company detail

- Company detail is maintained in the database
- Multiple Companies, Warehouses, Locations can be formed and there data can be well maintained
- Different working environment for different companies

Supplier/ Vendor detail

- Supplier detail is maintained in the database
- Different Materials provided by a Supplier is maintained
- Supplier's Quotations database can be maintained

Customer detail

- Customer detail is maintained in the database
- Detail such as Customer Name, address, contact person, PAN No, Tin NO, CST No, Service Tax No, etc.

Material detail

- Material details maintained Category, Type, Sub type & Department wise
- Material Maximum, Minimum, Re - order level can be defined
- All types of materials such as Assets, Products, Raw Materials, Consumables, etc. information can be maintained

Indent

- Departments can raise indents
- Indents contain Materials required with their quantity
- Concerned authority can only approve indents

Purchase Order [PO]

- PO based on the approved indent is prepared
- During PO preparation, the system provides Rates of material
- PO can be approved by concerned authority only
- PO approval is at two stages



- Discounts, payment terms and deadlines can be assigned
- PO can be printed in organizations format with complete detail

Material Receive Notes [MRN]

- System generates MRN/ Challan/ Delivery note based on the PO sent to customer
- User can enter the materials received with actual quantity along with the challan and other detail
- Multi MRN features is provided as Materials can be received in several installments

Quality Check [QC]

- Provisions to Accept/ Reject material
- System keeps record of actual amount received and rejected with proper remarks
- Final MRN can be printed

Material Receive

- Material received through MRN or directly can be fed into the system
- System keeps record of all transactions related to Material Receive
- Keeps record of all detail like Challan No, MRN No, Slip No, Receive Date, etc.
- All transactions for any specified range of date can be made and the system can track all such transactions
- Transaction Ledger shows all Receive Transactions with complete related detail
- Reports can be generated on the basis of query

Material Issue

- Materials can be Issued to Employee, Department, Customer
- All transactions related to material Issue is maintained in the database
- All details regarding the Issue such as to whom is issued, what is issued, how much is issued, Challan No, etc. is maintained
- Any query can be made to track material Issue transaction
- Transaction Ledger shows all Issue Transactions with complete related detail
- Reports can be generated on the basis of query

Stock Management

- Stock position of Raw Materials, Products, Assets, etc. can be efficiently determined
- System can predict the Material that are below Min Level or above Max Level or have reached the Re-order Level
- The Stock at different Locations/ Warehouses/ Companies can be determined from remote locations



Rate Analysis

- Provides rates on which the material is purchased on different dates with the Vendor detail and date
- Provides the minimum rate for a material with the Vendor detail.
- Keeps record of Supplier Quotations

Bill Of Material

- Maintains the formula to prepare a product
- It determines the amount of different raw materials required to produce a desired amount of product

Sale Invoice

- Retail Invoice
- Tax Invoice
- Service Tax Invoice
- All details regarding Materials/ Products sold can be maintained
- System has provision to prepare different types of Invoices, viz. Tax Invoice, Retail Invoice, Service Tax Invoice,
- Provisions to calculate Tax, actual amount, total amount, etc.

Gate Pass

- Issue Gate Pass
- Description of Materials & Quantity issued through Gate Pass.
- Returnable & Non- Returnable Gate Pass.
- Receive materials against Returnable Gate Pass.
- Print Gate Pass in desired company format
- All Gate Passes issued during specified period
- Gate Passes expected to be received
- Pending Gate Passes

User Account Management

- Create multiple Users
- Assign different Rights & Roles to different Users
- Company, Department, Module wise rights/ roles
- Authorized Users can only login & access system
- Different Users can be assigned different modules
- Menus available to a User as per rights assigned to him
- Particular task can be performed by particular User who has been assigned to do so
- Data protected from unauthorized Users

**Reports****Material Transaction**

- Transaction Ledger: Issued Material only, Received Material only, Both Issued & Received
- Material Transaction Report Between two specified dates, All Items, Particular Item only
- Account (Customer/ Vendor/ Department/ Employee) wise Transaction Report
- Challan Material list
- Rejected Material List

Stock Management

- Out of Stock Materials
- Current Stock: All Materials, Particular Material
- Items below Minimum level
- Items above Maximum level
- Re-order level Material list

Indent

- All Indents between specified period
- Details of a particular Indent
- Approved Indents: between specified period
- Rejected Indents: between specified period
- Pending Indents: between specified period

PO

- All POs between specified period
- Details of a particular PO
- Approved POs: between specified period
- Rejected POs: between specified period
- Pending POs: between specified period
- PO Material List
- PO Issued
- PO Slip

MRN

- All MRN between specified period
- Details of a particular MRN
- Pending MRN: between specified period

Rate

- Comparative Rate Report for a particular Item by different Vendors/ Suppliers
- Supplier Quotation: Print Rate quotation of a particular Vendor
- Rate History: Rate at which a particular Item purchased over a period

**Capacity:**

As per the Physical storage Capacity of Data Base Server.

Platform:

This application can work on any of the following Operating System:

Server: Windows XP, NT, 2000, Vista

Client: Windows 98, Me, XP, NT, 2000, Vista

Database & Application Development Tools:

- ▣ **Database:** SQL Server 2000
- ▣ **Front End:** Visual Basic 6.0
- ▣ **Reports:** Seagate Crystal Report 8.0

PC Requirements:

- ▣ Pentium III or higher processor
- ▣ 128 MB RAM or more
- ▣ 20 GB or available Hard Disk space
- ▣ 10/100 Mbps Network Card



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