

eSpares Optimizer™ (Ver. 1.0) integrates and optimizes the workflow of handling, procurement, issue, and maintenance of various spare parts, even in multiple store location scenarios. The product provides up-to-the-minute information related to several categories of spare parts, helps you to maintain optimal stock levels thereby reducing spares obsolescence, capital investment in idle spares, and production bottlenecks due to unavailability of spares. Drag-and-Drop search utility is exceptionally helpful to identify, locate and issue rare as well as commonly used spare parts in right time to the users who deserve them.

Features

- Procurement Management
- Vendor Performance Analysis & Tracking
- Maintenance and planning
- Spares inventory optimization
- Managing accurate spare inventory quantities
- Forecasting future demand and stock purchases
- Timely action for Replenishment
- Determining true profitability through costing methods
- Receipts and issues of spares
- Extensive analysis of Inventory Consumption pattern, Inventory velocity rates etc based on the Business Intelligence Reports generated by the product
- Drag and drop
- N-tier architecture
- Scalable, reliable, maintainable
- Bar code support
- Integration of ERP system
- Completely Browser based

Benefit

eSpares Optimizer™ is designed to provide a cost effective solution to the inventory management challenges and provides a speedy return on investment through reduction in overall inventory, replenishment costs etc.



eSpares Optimizer™



Innovations for a SMART future

eSpares Optimizer™

Technical Description

eSpares Optimizer™ V1.0 functions include:

- **Spares Control Module** helps the inventory manager in managing the policy settings of spares through inventory control procedures such as ABC, VED analysis, minimum level, maximum level, re-order level, b u f f e r e d stock, stock adjustments, replenishment planner, track & trace of spares etc.
- **Purchase Requisitions** has the functionalities like handling of requests that arise from various user departments, Spare part reservations, and cancellations, Demand Forecasting, etc.
- **Maintenance Module** The major elements in this module are scheduling of periodic maintenance, unscheduled maintenance of spares, usage of spares, tracking the repair history of spares etc.
- **Procurement Module** optimizes procurement and thus helps to maintain optimum stock levels. Purchase order requisition, cancellation, modification etc are high lights.
- **Receipts Module** functionalities include receipt of inventories from vendor, acceptances of inventories based on specifications, spares rejections, tracking of orders etc.
- **Issues module** supports basic issue of inventories to various stores / departments, and it takes care of scrap management as well.
- **Vendor Management** has the functionalities for managing vendor information, vendor tracking, and vendor performance analysis, which will helps the inventory manager in optimized purchase of spares.
- **MIS Reports Module** has various frequently used reports on like inventory, spares, goods issue/receipts, through graphical charts etc. All the reports can be exported to excel, pdf, word, html and rtf formats.
- **Business Intelligence Reports Module**

provides decision support reports to the top-level management to take the faster decisions. BI Reports includes various graphical charts like bar graphs, pie charts etc.

Requirements

Server:

- Windows 9X/2000/NT
- Application Server: WebSphere/Web Logic/ Iplanet /Jrun / Oracle Application Server
- Web Server: The web server, which supports above application server
- Oracle 8i or above SQL Server 7.0/2000
- IE 5.0 or above

Client:

- Windows 9X/2000/XP
- IE 5.0 or above

References:

Industry segment-wise references on request.

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