

FlexProcess and Inventory Management

Accurate process inventory is the key to production excellence and customer service

Changes in business practices brought about by the increasing influence of the internet and the global economy has put extra strain on the supply chain. Accurate inventory management plays a key role for process manufacturers to reach production excellence and customer service. Process manufacturers have to manage the variability of raw materials and ingredients, inventory classification status, shelf life and other process specifications in their inventory. Enterprise visibility of inventory across multiple sites and time-phased inventory with supply and demand are essential to service global customers. Is your inventory system capable of accurately managing the complexities of process manufacturing?

FlexProcess from NEC Corporation is a complete ERP solution with unique concepts, functions and technology designed specifically for process manufacturers. Its functionality covers Process Modeling and Production Management, Planning and Scheduling, Inventory Management, Purchasing, Customer Order Management, Process Costing and Financials.

FlexProcess is Microsoft standard compliant and with open .Net application programming interfaces (API's), companies can seamlessly integrate it into their complete supply chain solution. Ideal for today's business world FlexProcess is also very flexible and its ability to change and be modified without making changes to the code, means the application will continue to deliver greater value and a longer return on investment (ROI), through this future proofing technology,

FlexProcess Inventory Management provides advanced inventory controls to track individual lots and sub-lots with their quantity, classification, expiration dates, availability and other characteristics. This helps you to utilize your resources effectively in production and to accurately respond to customers with their specific requirements. FlexProcess tracks all of your physical inventory, including raw materials, finished goods, packaging materials, intermediates, by-products, and waste products.

FlexProcess Inventory Management supports a company's goal of "Operational Excellence" by ensuring the correct, efficient, inventory levels are maintained across the supply chain. Equally important is the availability and use of inventory information throughout the rest of the business system and organization.



Benefits of Inventory Management:

- Increased Customer Satisfaction
- Less Working Capital Required
- Greater Stock/Material Turn
- Improvement in Manufacturing Efficiency
- Improved Profitability


FlexProcess™

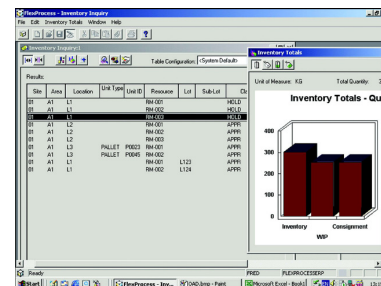
OBTECH
 A NEC Company

FlexProcess provides this information via Inventory Queries, Available to Promise Calculation, Lot Track and Trace Inquiries, Shipping and Receiving Activity, Cycle Counting, Enterprise Data Collection. Fully integrated with FlexProcess other functional components, Inventory Management are a central place in the supply chain, ensuring an accurate and rapid response to customer's requirements. Inventory Management provides multiple unit of measure conversion and dual unit of measure tracking. Dual unit of measure allows you to track inventory lots in two units of measures, which is often required for resources with potency or catch weight control. Unit of measure conversion allows you to enter an inventory transaction by the tank load, while this resource is normally kept by weight.

Due to the FlexProcess architecture and its use of Application Programming Interfaces (APIs) the use of radio frequency and bar code technology improves recording accuracy, speeds warehouse operations and reduces logistics costs. Inventory can be tracked by site, area, storage location and by unit (e.g. pallet, drum), where each unit is identified. Inventory Management allows you to store quality specifications and user definable characteristics with your inventory lots. Lot tracking and tracing provides an easy drill-down into a complete audit trail from the supplier lot specifications of raw materials through all intermediate and production stages, into finish goods and deliveries to specific customers, or vice-versa.

Inventory activity reporting can be customized for easy data-entry. Some raw materials require many specifications to be entered, while others require only quantity with many attributes automatically defaulting for this inventory activity. Inventory classifications, such as, available, rejected, on hold, quarantine, allow you to define the rules, availability and the movements of inventory through your manufacturing plant using your business procedures.

FlexProcess allows you to view your inventory in a single site or across your entire enterprise. The time-phased available to promise (ATP) information, starts with available inventory and then shows the effects of additional demand and supply over time, for example purchase, orders, production orders or customer orders. The ATP inquiry provides you with inventory visibility over time across multiple sites, allowing you to accurately respond to global supply chain and customer service.



Provides advanced inventory control capabilities that are specifically tailored to process industries such as:

- Multiple units of measure
- Dual Quantity Tracking
- Lot Track and Trace Inquiries
- Inventory Characteristics
- Unit Management
- Shelf Life, Best Before and Aging Dates

About the solution

NEC's FlexProcess is an ERP solution designed specifically for the process industries and helps you build an information system that streamlines business processes, reduces TCO (Total Cost of Ownership), and adapts to changing business environments.

No matter where you choose to take your organization, NEC's FlexProcess can adapt to your business and support your industry-specific goals and objectives. With its powerful object oriented technology, full support for .NET and a Business Intelligence Suite, the system can bring information together from any source and allow you to view it in the context of your industry.



ObTech Asia Pacific Headquarters
 22 Cross Street
 #03-54/61
 South Bridge Court
 Singapore, 048421
 Tel: +65.6227.7172 Fax: +65.6225.9210

ObTech Asia Pacific Sdn Bhd
 Suite 18.01 – 18.03
 18th Floor, Menara Keck Seng
 203, Jalan Bukit Bintang
 55100 Kuala Lumpur, Malaysia
 Tel: +60.3.2710.9341 Fax: +60.3.2710.9345

For More Information
 E-mail: info@obtechglobal.com
 Website: www.ObTechGlobal.com

Other Offices: Bangkok, Boston, Brussels, Cebu, Davao, Indonesia, Kuala Lumpur, Manila, Santa Clara, Tokyo