Nocturne™

Elegant Global Inventory Intelligence

Optimize Your Inventory and Reduce Supply Chain Overhead

Healex Systems Limited

Uncover Opportunities

Your inventory data is waiting. Hidden in complex systems, it is hard to find, share, and understand. Yet, properly harnessed, it could bring substantial savings and improve your supply chain operations.

Nocturne™ will help you and your partners rediscover and understand your inventory data to optimize performance. The power of all your systems, ERP to SCM, will be amplified and extended – worldwide.

Nocturne is a Web-based, real-time, global inventory intelligence network for your team – employees, customers, suppliers, 3PLs, and CMs. With approved access, users can view inventory details and analyses at every stage. *Nocturne* brings dramatic cost reductions and improves operations with substantial efficiencies. It creates comprehensive supply chain data integration, aggregation, and access through seamless integration.

With 24/7 data gathering from your ERP and partner data sources, *Nocturne* gives you an exhaustive, reliable view of key inventory and logistics information. *Nocturne* has been utilized by worldwide organizations since 1992 and smoothly unifies manufacturer, supplier, and customer data while providing secure Web access.

> Vendor Managed Inventory
> Customer Owned Inventory
> Vendor Owned Inventory

Performance Point

Performance Point
Average Stock Level(%):
Daily Support(%):
Last 90 Days Support(%):
Average Duration of Reds (days):
Inventory Value (USD 1000s):
Inventory Turns Per Year:

Key Benefits

This logical, intuitive system not only improves your operations, but helps your suppliers and customers as well. *Nocturne* can deliver improvements to multiple levels in your supply chain.

- Optimizes inventory levels
- Maximizes item availability
- Reduces procurement overhead
- Improves and accelerates supply chain decisions
- Lowers inventory costs
- Improves communications with customers and suppliers

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How Nocturne Works

A customer or supplier can run reports, view part information, conduct analyses, and update system configuration, based on access level. Users open *Nocturne* via a secure Internet connection with a user name and password – worldwide. You decide which capabilities to assign to each user.

Supplier Site Data   Customer Site Data

Supplier
Users

Customer
Users

Web Access
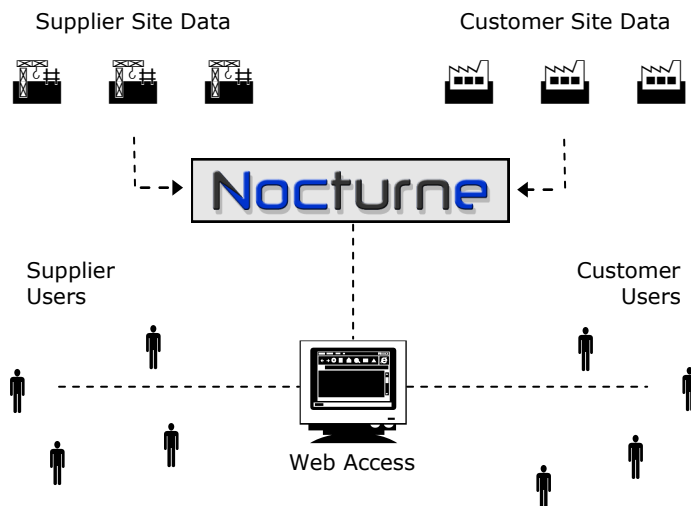
Nocturne is the repository of supply chain data mined from a customer's sites and its supplier sites. This intelligence is automatically transferred to *Nocturne* at specified times and housed at a secure location. All users, customer and supplier, access *Nocturne* via a Web browser over the Internet or a company intranet.

There is no limit to the number of data sources that can be viewed through *Nocturne*, whether ERP packages such as Oracle, SAP, J.D. Edwards, or other systems. *Nocturne* unifies these data sources and will accept input from multiple global inventory sites from both the supplier and customer. In addition, *Nocturne* is very scalable and can handle vast amounts of data.

Buyer and Supplier Use

Buyers view inventory stored at their sites or supplier facilities. They optimize levels, identify problem parts, assure availability, and improve communication with vendors. *Suppliers* view manufacturer inventory of their parts and determine when to ship based on current counts and demand forecasts. Moreover, they understand the overall demand behavior of the manufacturer and access their performance reports. Therefore, availability increases and manufacturing costs are reduced.

Drill Down

Instant reports and analyses can be run on aggregations of inventory data for customer or supplier sites. View data on:

The Entire Corporation

A Division

A Manager

A Buyer

A Supplier

A Group of Parts

An Individual Part

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Smart Tools Optimize Inventory Management

Nocturne substantially reduces procurement labor with many powerful tools. It supports vendor managed inventory, vendor owned inventory, and customer owned inventory. *Nocturne* tools are based on user levels and give views of material at every stage in the supply chain, from supplier to customer. The user friendly *Nocturne* Web screen provides real-time information on any or all stock locations at customer and supplier sites.

Inventory Status Reports

Search for a part or group of parts to view exhaustive data including lower stocking limit, upper stocking limit, end balance, net usage, value, daily usage, comments, receipts, and more.

In-Transit Inventory Tracking

Investigating items en-route can be quite time consuming. So, *Nocturne* gives every detail from the date and time shipped and the amount in transit, to the carrier and tracking number. *Nocturne* saves time and ensures delivery.

Part History

Learn about the behavior of parts over time. Confirm trends and find areas for savings and greater efficiency. View complete historical inventory status information. *Nocturne* will help you improve availability and eliminate stock-outs.

Low Inventory Warnings

Nocturne automatically notifies you or your supplier when a part is getting low. Simply set your thresholds and await emails.

Inventory Reduction Advice

Target parts for cutbacks. Run *Nocturne's* standard analyses and reports and view actual and projected demand versus inventory levels. View simulations and discover estimated savings based on suggested upper and lower stocking limits.

Demand Forecasts

Enjoy a unified view of your projected demand including forecast error, forecast usage, and actual usage. Meet remotely with your suppliers to achieve optimal limits and supplies.

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Custom Analyses, Reports, and Functions

If you would like to add a new report or other feature, Healex Systems will work with you. *Nocturne* owes much to client experience and insights.

Export Data

From the Daily Report, to the Demand Forecast, *Nocturne* provides easy export to MS Word and Excel files. Quick access to information is critical, and *Nocturne* gives data in a flash.

Transaction Detail

View every action that has occurred to replenish a part: receiving ID, shipping ID, amounts, and more.

Status Advanced Options

⦿ Most Current ○ History Report ○ New Overages that occurred

Show Forecast Balance ☐

Part Number   Status

[   ]   [All Status ▾]

○ Top [10 ▾] Parts to Reduce Inventory
○ Top [10 ▾] Parts to Increase Availability

[Submit]

Easy Administration

Update a profile of a part instantly. Change limits. Reconfigure user accounts. Add company and supplier users. Quickly modify key system information independent of your IT department.
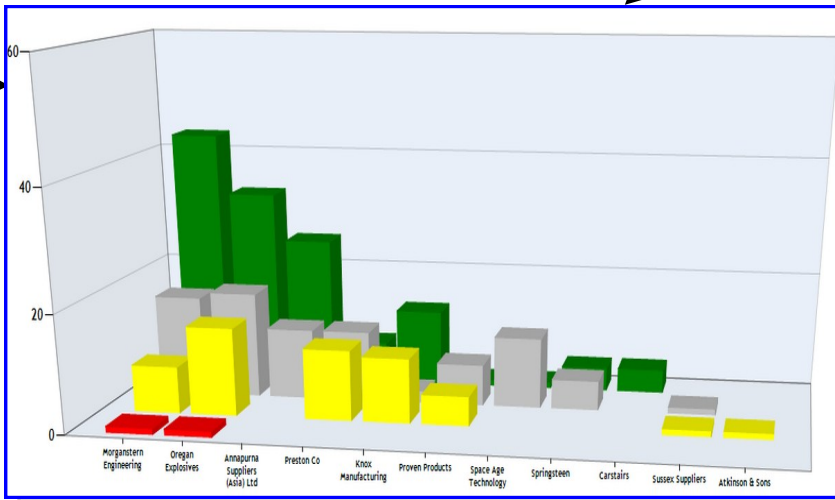
Inventory Comments

Add a note to any part number and receive notes from suppliers. Save time and improve performance with concise communication on any part. Help your suppliers learn about your needs or learn about your customers' needs.

Supplier Performance Tracking and Goal Setting

Save time while helping your suppliers improve. Generate reports instantly and change supplier goals on the fly. *Nocturne* saves you the time of monthly vendor reports and helps you improve these relationships.

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How to Evaluate Nocturne

Nocturne fits many environments and easily integrates customer and supplier data sources, quickly releasing and sharing constrained ERP information. *Nocturne* can bring marked ROI to companies with <u>at least one</u> of these client profile factors:

- Complex Manufacturing
- Complex Inventories
- Numerous Suppliers
- High Inventory Usage
- High Inventory Value
- Multiple Manufacturing and
- Repetitive Manufacturing

Sophisticated, robust, and well-tested, *Nocturne* is based on standard, cost-effective technology. Integration with your ERP system data is seamless, automatic, and smooth.

Operating in large-scale organizations since 1992, there is a good chance *Nocturne* could assist your firm if you have one or more of the profile factors.

Services

Every *Nocturne* implementation is based on deliberate, thoughtful planning, and exceptional service. Your organization will receive a tailored, dedicated approach.

Total End. Bal.	LSL	USL	Suggest LSL	Suggest USL	Gauge
0	7	35	2	34	
1	7	29	7	99	
5	2	9	4	63	
11	5	21	9	118	
12	8	32	13	175	
12	8	32	13	175	
12	8	32	12	156	
18	8	32	8	107	
19	8	32	19	253	
20	8	32	8	106	

Healex engineers and customer support staff help ensure things go as smoothly as possible. We provide full, global location support:

- Configuration
- Data File Generation and Transmission
- Automated Updates
- Staff, Customer, and Supplier Training
- Daily Technical and User Support

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Finding Your ROI with Nocturne

After considering the *Nocturne* profile factors, it is crucial to review your cost reduction and performance improvement goals. A Healex Systems representative will work with you to create an accurate cost/benefit projection. Since *Nocturne* is a comprehensive inventory intelligence system, it could bring your team very significant results in these areas:

- Inventory Reduction
- Procurement Overhead Reduction
- Item Cost Reductions
- Stock-Out Cost Reductions
- Increased Productivity
- Supplier Production Efficiency Improvements
- Improved Supplier and Customer Relations
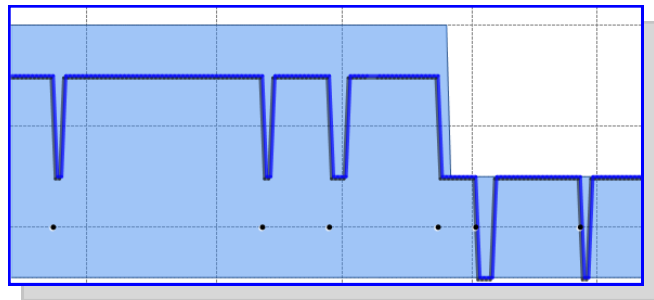
Pricing

Since *Nocturne* is hosted at a Healex Systems secure location, fees are paid monthly as these ASP services are used. This flexible, low-risk approach allows you to adapt quickly to the changing needs of your business units and suppliers. After the site installation fee, *Nocturne* monthly pricing is based on the number of customer sites, manufacturer or supplier sites and parts in the system and chosen options. Data transfers from your ERP and other data sources, or those of your suppliers and customers, determine the amounts billed for these items.

Name	Parts	Avg. Stock Level (%)		Daily Support (%)	
		Actual	Goal	Actual	Goal
Annapurna Suppliers (Asia) Ltd	38	91.7	90	100	95
Annapurna Suppliers (Europe) Ltd	2	66.7	50	25	85
Atkinson & Sons	1	13.3	85	100	90
High ID number	5	64.1	75	25	90
Kinston Parts	13	87	88	93.3	95
Knox Manufacturing	27	58.1	45	100	99
Morganstern Engineering	69	85.6	85	97.1	98
Oregan Explosives	67	72.5	80	97.1	99

Getting Started with a Demo

If you have an interest, we would like to learn more about your goals and where *Nocturne* may bring benefits. Then, we can set up a **full product demo** and help you estimate the improvements Nocturne could provide to you, your customers, and suppliers.

Please contact us today.

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Healex Systems

Founded in 1992, Healex Systems provides software solutions for inventory management, document process streamlining, and data collection, mining, and analysis. We have extensive design experience with data sources, ERP systems, image processing, forms management, and Web delivery and development.

Healex Systems uses proprietary programming tools to create intuitive, powerful user interfaces, and robust, scalable applications. We are committed to innovating with the latest proven technology, and maintaining high interoperability standards.

We are dedicated to bringing efficiency, cost savings, and new capabilities to our clients, from mid-range to Fortune 500 organizations. Our products are available through an ASP option or for onsite installation.

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