



Features:

- **Mass Card Calculator**

The Signum card level calculation tool allows the user to change the demand levels for a single component, finished good or an entire cell or product family to accommodate seasonal demand spikes at the touch of a button. Calculation results are presented to the user for approval and subsequently applied to the appropriate card(s) upon acceptance. If any additional cards are required as the result of level changes made within the calculator, the user is prompted to print new cards when the new levels are accepted.
- **Online Visual Boards**

Signum provides access to detailed visual boards designed to increase visibility and mimic the central manual Kanban board used in most Kanban facilities. Anyone, anywhere, connected to the internet, can instantly access a complete visual representation of a single cell or the entire plant.
- **Kanban Card Creator**

The Signum card template creator allows the user to create and modify custom Kanban card layouts and templates. This allows companies to have many different looks and styles for their cards, providing the ability to **visually** distinguish the uses of the individual cards. Whether it's a production, transport, internal or external Kanban, custom Kanban templates make it easy to identify on sight.
- **Barcode Driven**

By employing an industry standard CODE-128 barcode, Signum allows the replenishment process to be automated with a single action. A simple scan generates the necessary signals, notifications and alerts throughout the supply chain. Barcoded Kanban cards allow for instant access to the system for both replenishment and receipt capabilities. Barcode utilization is the key to Signum's fast, effective and efficient "closed loop" replenishment system.
- **MRP/ERP Integration Capable**

While Signum is designed to be a stand alone application, it can be easily integrated with existing databases like Oracle, SQL, and Sybase and with MRP/ERP applications like SAP, JD Edwards and Peoplesoft.
- **External/Internal Supplier Visibility**

We know that internal suppliers can be just as difficult to maintain as external ones. As a result, Signum provides the ability to manage and communicate with suppliers both internally and externally. This further reduces the resource intensiveness of the replenishment process while increasing the visibility throughout the supply chain, regardless of Kanban signal destination.
- **Simple to use, Easy to maintain**

Signum simplifies the replenishment process and reduces the number of manual transactions required by generating and sending replenishment signals from barcode scanners. Easy to configure, Signum requires very little maintenance to keep inventory turns friction-free. Real-time inventory information and status is always up-to-date and accessible through Signum's easy to use interface.
- **Built for use on the Production Floor**

The key to Signum's success is its unique "implementation" model. Signum is specifically designed to communicate **FROM** the point of use, directly **TO** the point of production. By providing a solution in this manner, Signum eliminates the need for replenishment signals to change hands several times and reduces the human error factor involved in the process. At the same time, Signum's unique approach allows those previously responsible for replenishment to now focus their efforts on **enhancing** the supply chain instead of just **utilizing** it.

For further information contact:

Datacraft Solutions, Inc. • 604 West Morgan St. Durham, NC • (919) 667-9804 • info@datacraftsolutions.com
IN CANADA: HPS Inc. • 10-202 Pioneer Drive, Kitchener, ON • (519) 893-6260 • info@highperformancesolutions.ca



Benefits:

- **Enable fast frequent flow of information**
Automatic signaling from the point of use directly to the supplier along with supplier access to inventory status through a secure web portal ensure the most efficient inventory replenishment available. Signum helps you determine the optimal inventory level needed by automatically capturing actual daily demand for each inventory item and calculating inventory levels based on actual usage, supplier lead time and pre-set buffer levels.
- **Further reduce inventories**
By generating barcoded Kanban cards for ONLY the inventory you need, Signum allows you to deplete excess inventory without the hassle of automatically replenishing it. When implemented correctly, Signum easily results in the removal of most, if not all, extra stock.
- **Improve Process Control**
By utilizing Signum, the core of your Supply Chain Replenishment system resides in one place. All information, reports, signals and other related information can be accessed, modified and queried through one central repository ... from anywhere in the world!
- **Supply Chain Integration Enablement**
Signum was uniquely designed to be implemented on the plant floor. This revolutionizes the replenishment process by communicating directly **FROM** the point of use **TO** the area of production at the supplier. Through the use of Signum's companion tool, Curator, the supplier has a real-time view into your plant floor for the products they supply. Ultimately, should the supplier choose to implement Signum as well, the real-time replenishment communication becomes even more valuable.
- **Elimination of non-Value Add Operations**
Signum's intuitive interface and single-scan triggered signaling results in a drastic reduction of time and manpower needed for the replenishment process. One of the biggest realized benefits is the productive reallocation of those resources to areas that will further increase your company's bottom line.
- **Incredibly fast to implement**
No complex setup process, difficult procedures to learn or learning curve to overcome, just simple intuitive functions that are ready to use upon implementation. A fully functional system can be implemented in less than 7 days with the only hardware requirements being a PC (Windows 2000 or greater) with internet connection, barcode scanner and printer to print Kanban cards.
- **Manage from component level up to top assembly**
Signum scales from the smallest raw material to the most complex of Finished Goods within your company. The flexibility allows for any size company within many different markets to still successfully implement the system and realize its tremendous value. No product is too small or too large for Signum to effectively track and replenish.
- **Single-scan Product Family linking**
By creating Product Families and Finished Goods in the Signum system, replenishment becomes even simpler. Single click linking of raw materials and WIPs as components of a larger assembly allow for single replenishments of related items. A unique lock-step interface also allows for selective replenishment "grouping" for increased effectiveness when replenishing common items within the plant floor.

For further information contact:

Datacraft Solutions, Inc. • 604 West Morgan St. Durham, NC • (919) 667-9804 • info@datacraftsolutions.com
IN CANADA: HPS Inc. • 10-202 Pioneer Drive, Kitchener, ON • (519) 893-6260 • info@highperformancesolutions.ca