



... enabling kanban automation through full network communication and control

## Work faster, simpler and smarter.

### Introducing **Signum™** from **Datacraft Solutions, Inc.**

Signum is an automated kanban solution with monitoring and control capabilities that enable full collaborative communication throughout the supply chain. Signum provides the framework manufacturing companies need to reduce inventory levels, increase productivity and continually improve process flow while staying true to the fundamental philosophies of lean manufacturing.

#### **Work faster.**

Signum allows manufacturers to maximize their efficiencies through unprecedented computerized process automation. By integrating bar code scanners, Signum enables automatic issuance of signals directly to the supplier via email or fax at the point of scan. View signal status at the touch of a button rather than shuffling through stacks of paperwork or wasting time issuing follow-up phone calls. Signum also contains an inventory level calculator which allows you to change the demand levels for a single component, finished good or an entire product family to accommodate seasonal demand spikes all at the touch of a button. Calculations are automatically made and applied to the appropriate card(s) and any needed additional new cards printed.

#### **Work simpler.**

Signum is one of the simplest lean automation solutions available and has been recognized by its users as incredibly easy to learn and simple to use. No complex setup process, difficult procedures to learn or learning curve to overcome, just simple intuitive functions that are ready to use upon implementation. For added simplicity, Signum comes complete with an online help function and is backed by round the clock service and support. What could be simpler than that?

#### **Work smarter.**

Signum allows manufactures to maximize their effectiveness through increased data visibility. Signum contains specific features and functionality with the ability to set permissions geared toward each level of operations, from the plant floor to the executive's desk. Features include: Comprehensive data display screens, pre-defined notifications that alert when criteria not met, on-line visual boards, customized reports and remote access capabilities.

## A true lean solution translates to Big benefits...

Signum is an enabling solution that allows for fast frequent flow of inventory throughout the manufacturing process at the same time reducing administrative waste and improving process control. Through process automation and increased visibility of information, Signum gives manufacturers the power and confidence to further reduce inventory levels, increase productivity and eliminate waste as well as fully integrate with their supply chain creating a "community" that is built for success. Additionally, Datacraft's unique approach to software deployment means Signum can be implemented at a remarkably fast rate with little to no IT expenditures required and minimal overall cost to utilize.

### Fast frequent flow of inventory leads to reduced inventory levels.

Automatic ordering from the point of use directly to the supplier along with supplier access to inventory status through Datacraft's 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. Signum's custom reports and unique on-line visual boards give users access to all the information they need to accurately assess inventory levels with built in notification features to warn of potential inventory item outages.

### Productivity is increased through the elimination of waste.

Signum provides the framework for a much more efficient product ordering process, reduces redundancies, eliminates the need to maintain high inventory levels and decreases the chance of experiencing product outages. This translates to less time spent shuffling orders, following up and waiting for shipments to more time dedicated to further improving process flow and establishing better relationships with suppliers.

### Process control is improved.

The lean approach to manufacturing which focuses on continuous product movement multiplies the number of replenishment transactions required and demands increased visibility of information. It becomes daunting to try to monitor and track all of the transactions taking place. Traditionally, most ERP approaches require transactions to confirm actions. Signum has a better approach to process control. Signum automatically captures, stores and updates specific details about each transaction with built in notifications designed to alert when the unexpected occurs. This eliminates the requirement for confirmation on routine transactions while still allowing the client to maintain strict control. With the touch of a button clients can access detailed inventory information and transaction details for each and every inventory item on the plant floor and get an accurate assessment of inventory status to prevent problems before they occur.

### Supply chain integration is enabled.

Signum comes complete with a supplier interface tool that gives your suppliers the ability to view and confirm orders on line and anticipate and prepare for upcoming demand spikes. A supplier can simply log in through a secure web portal without the need to install or run any complex software application. Datacraft's focus is to continue to enhancing and developing tools that help further integrate the supply chain into the manufacturing process. It is through this effort that our clients, the manufacturers, will be able to continually improve their process flow.

### Developing a community built for success.

Datacraft's vision and philosophy is focused on success with a goal of building a community that is dedicated to making Lean execution work. By providing the manufacturer with the tools necessary to streamline their processes and effectively integrate all members of the supply chain, our clients will be able to attain their goal of becoming a truly lean company. Not only is our focus on improving the processes themselves, but we take the idea of community to the next level. Datacraft Solutions, Inc. is with you every step of the way from implementation and training to 24/7/365 customer support to ensure your lean implementation is a success.

**Datacraft Solutions, Inc., A Gateway to a Community. Not Software.**

### Ease of access combined with minimal cost make Signum the superior solution

The implementation effort is minimal since Signum is subscription software that is accessed via the internet with the only installation necessary being a secure client interface which can be installed on any PC with internet connection running Windows 2000 or greater. Datacraft's unique approach to deployment means you can completely eliminate the administration costs associated with traditional software applications. All upgrades, maintenance, service and support are provided by Datacraft and are included in the low monthly access fee. Along with the actual software application itself, Signum comes with a customized integration plan, complete with lean consultation, along with continued unparalleled service and support throughout the life of the contract. Begin maximizing your lean initiatives today!

*Providing automated lean manufacturing solutions that enable collaborative communication throughout the supply chain.*