

Integrated Kanban System

IKS



IKS is an easy to use and very flexible e-Kanban software suite.

It enables the fast, efficient and successful optimization of existing Kanban systems. The objectives are to support the Kanban processes, to get a high visualization and to optimize the Kanban parameters continuously.

IKS supports the Kanban user in all areas — from the introduction of a Kanban system up to the daily management and control of more complex Kanban systems. The benefits of Kanban systems have been used to develop a system that eliminates the weaknesses of manual Kanban systems.

IKS is helpful for the following user groups:

- > Companies which are starting the implementation of a Kanban system
- > Companies which has been implemented Kanban successfully and want to move forward by the optimization of their Kanban processes

The Integrated Kanban Systems offers the following benefits:

- ✓ Easy Kanban Management and printing of Kanban cards
- ✓ High visualization and transparency on the Kanban situation
- ✓ Very fast information flow
- ✓ Easy connection of external suppliers and locations (also via Internet)
- ✓ Dynamic visualization and prioritization of Kanban orders
- ✓ Analysis and optimization of inventory levels and delivery lead-times
- ✓ Warnings on material shortages and late deliveries
- ✓ Dynamic Kanban calculation based on new demand
- ✓ Easy connection of existing MRP-systems

Kanban Management

- > Management of the complete Kanban Master data (item number, suppliers, customers, container types, locations)
- > Free definition of item-container-relations
- > Definition and individual configuration of Kanban loops
- > Support of Kanban calculation via integrated Kanban formulas
- > Printing of company specific Kanban cards

Visualization & Transparency

- > Overview about all available Kanbans in a company and the current status (full, empty, transport)
- > Displaying of the Kanban orders via electronic Kanban boards inclusive "traffic-light Kanban" (red, yellow, green Kanban levels)
- > Automatic prioritizing of the Kanban orders
- > Automatic printing of the Kanban cards if production starts
- > Recognizing of potential material shortages and critical situations
- > Visualization of late deliveries

Please contact us for an IKS presentation!

Information flow

- > Usage of permanent and temporary Kanban cards
- > Sending of Kanban orders to external suppliers via fax and email
- > Direct access to all required Kanban information via IKS Web-Interface (Web-Kanban)
- > Printing of Kanban cards directly at the supplier production unit (direct print)

Analysis & Optimization

- > Analysis and graphical visualization of inventory levels
- > Analysis and graphical visualization of external delivery lead times
- > Automatic calculation of the required number of Kanbans based on demand plans and bills-of-material
- > Comparison of the available and needed capacity

Integration

- > Windows based connection of existing ERP-/MRP-systems
- > Usage of all kind of printers and barcode hardware
- > Usage of Mobile Terminals (PDA) and WLAN to get highest flexibility at shop-floor and warehouse

About manufactus

manufactus designs and develops innovative software solutions to optimize production and logistic processes.

Our goal is to supply software tools to support internal production processes, optimize the supply chain and to enable the customer to improve the processes continuously. Hereby we strongly support the principles of Lean Manufacturing, Kanban and the Toyota Production System.