

## Why e-Kanban?



### Why electronic Kanban?

Each Kanban system can be implemented in a traditional manual way. There are some typical ways to signal the demand of a customer unit to the supplier unit like the usage of Kanban cards, Kanban boxes (with a fixed Kanban card), empty floor-spaces or other helpful things. This signal is passed on manually from the customer to the supplier.

But in some situations manual Kanban systems pushes to his borders. Such borders are reached, if

- > the number of Kanbans is getting higher and higher
- > the demand has high fluctuations
- > external suppliers are linked via Kanban system
- > Kanban parts and non-Kanban parts are running on the same production line, machine etc.

In such cases it makes sense to use a software supported Kanban system.

In the most cases existing ERP systems offer not the required functionality to support the Kanban system in the best way. Thus it makes sense to use a "real" electronic Kanban system like IKS!

IKS can be implement stand-alone but also as an add-on to the ERP system. In general IKS can be linked to each ERP system by a flexible definition of the transferred information.

The objective of the IKS system is the support of the existing Kanban processes and the allocation of a platform to guarantee the continuous improvement of the operative key performance indicators of the company.

## When it makes sense to use electronic Kanban?

- ✓ If the number of Kanban loops is high (>100)
- ✓ If there are high distances between supplier and customer (internal or external)
- ✓ If there are sometimes material shortages
- ✓ If demand peaks are part of the daily business
- ✓ If external supplier are linked via Kanban
- ✓ If the inventory levels are too high
- ✓ If a company has a high vertical range of manufacture

## What are the main benefits of an electronic Kanban system?

- ✓ Reduction of Non-Value-Added activities
- ✓ Reduction of human errors
- ✓ Very high transparency about current inventory, Kanban orders, bottle-necks etc.
- ✓ Automated sending of timely information all over the world
- ✓ Continuous improvement of inventory levels, delivery lead times and delivery reliability

## Why IKS?

- ✓ IKS is a lean and easy to use system
- ✓ IKS offers advanced functionalities to support Kanban
- ✓ IKS enables the flexible configuration of different Kanban scenarios
- ✓ IKS has a very short introduction time
- ✓ manufactus offers the evaluation of customer requirements in special workshops
- ✓ manufactus offers low costs for customizing and implementation
- ✓ manufactus guarantees a fast realization of your special customer requirements
- ✓ manufactus guarantees low effort for training and introduction
- ✓ manufactus offers the continuous improvement of IKS based on customer requirements and market requirements



**INTEGRATED KANBAN SYSTEM**

**Contact us for an IKS presentation!**

### 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.