

LEANORDER

ORDERING MADE EASY





TURNED – ORDERED – DELIVERED.

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Manual logistics processes for C-parts must be carried out with a high degree of efficiency and reliability. This applies to internal (kanban) cycles and storage processes as well as external C-part delivery. A missing order can result in high consequential costs – in the worst case, a missing screw can stop the assembly line. Providing employees with an ideal support system for order placement is therefore important. Above all, ordering and delivery must be both simple and reliable.

LEANORDER SOLUTION

The LeanOrder solution provides a simple and reliable ordering process for container-based C-parts. By employing RFID technology, a revolution becomes possible. The container can trigger an order via radio as soon as it is rotated by the employee and set to the order position. The order is transmitted to a central controller unit, checked for plausibility and then once again forwarded wirelessly (via GPRS, GSM or WLAN) to the central IT system. In the operating areas, a signal light on the container allows employees to easily check the status of an order in process.

Turned – ordered – delivered. It doesn't get any easier. And it's all done wirelessly, flexibly, with low implementation costs and high reliability.

BENEFITS

Process reliability

Orders need to be carried out with a high degree of process reliability. The employee can trigger an order at any time and check it for plausibility via the LED signal. Errors are thus avoided. Prompt and precise order placement is assured. This allows for the optimization of overall material flow. Demand peaks can be planned and ordered for in advance.

Employee productivity

Employees are relieved of all ordering activities. This saves time, reduces complexity and allows them to concentrate on what's important – tasks that really add value. At the same time, the employee maintains control over the ordering process.

Simplicity

Turned – ordered. It doesn't get any easier. The complexity of the ordering process is absorbed by the LeanOrder solution. Everything is done wirelessly. No scanners, no cables, no mechanics. Wireless communication ensures simple integration into the existing physical environment and IT landscape (e.g. SAP, Microsoft Dynamics).

Flexibility

The LeanOrder system is completely flexible with regard to location: container-based ordering can be done from anywhere. At the work place, on the shelf or on a transport vehicle.

Future-based platform

LeanOrder is a technical platform for optimizing material flow. Additional ordering mechanisms can be easily integrated.

DEMAND?



TURNED.



ORDERED!



REFERENCES

Our lead user, SFS unimarket, is a leading Swiss logistics provider of C-part management services. By implementing the LeanOrder solution, SFS unimarket has innovated its existing C-part management process. An order is automatically triggered by turning the C-part containers at the customer's site. This has set new benchmarks for efficiency and reliability. Several new key customers are already relying on SFS unimarket's "turnLOG" logistics system, with sweeping success.

"turnLOG" has been awarded the Swiss Logistics Award 2008.

intellion
SMART LOGISTICS DELIVERED

ABOUT INTELLION

Intellion provides innovative system solutions that support and monitor manual processes of production logistics. By using these solutions our clients increase their operative productivity without having high investment costs for fixed automation solutions. In the focus of our solutions are mobile means of transport and production, which we turn into "Smart Things" using sensor, display and wireless technologies. With this we establish visibility for process control and support the work of the operative staff.

As general contractor, and in close collaboration with our clients, we conceptualize and develop individual solutions for the monitoring and assistance of manual processes in production logistics. Based on identified productivity potentials, RFID, sensor and localization as well as display and communication technologies are combined to an effective tracking and assistance solution.

The basis of our success is our integrated engineering approach at the interface between application and technology. An experienced team integrates process, software and hardware know-how to robust solutions. Partnerships with leading research institutes (University of St. Gallen, M-Lab, ETH Zurich, MIT, RWTH Aachen) guarantee our access to latest developments in business and technology.

Intellion was founded in 2000 as a spin-off of the University of St. Gallen (HSG) in Switzerland and has continually evolved into the innovation leader for wireless based turn key solutions.

Intellion AG
Schuppisstrasse 8
9016 St. Gallen
Switzerland

intellion

T +41-71-280 81 81
F +41-71-280 81 82
E info@intellion.com
www intellion.com