



## Smart Ordering Solution for Stock Management



## SCAN – CONNECT – TRANSFER

In today's fast-paced world, ordering goods and production materials can be extremely challenging. Even with smart phones and ecommerce systems, stock management involves a great deal of time and money, and mistakes in the ordering process are all too common.

Fortunately, there is a smarter way to place orders by bringing the process right to the stocking shelves

### Sources of Errors In Ordering

Customers depend on fast and correct delivery of products, materials and office supplies in order to run their business successfully. That is why every wrong order is a huge disappointment. Manual ordering is prone to human error, which often leads to item numbers being forgotten, mixed up, written illegibly or incorrectly communicated.

Some purchasing and operations managers make inventory decisions 'on the fly' while ordering, relying on predetermined ordering intervals that don't represent real-time operations. Inevitably, this results in out-of-stock or excess inventory situations that impact business profits due to increased shipping costs, expensive returns and, most of all, dissatisfied customers.

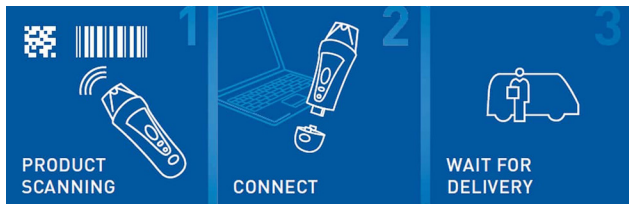
or shop floor, and directly scanning the product you need to order. The PANMOBIL product line for mobile AutoID solutions of FEIG provides the Smart Order Solution, a foolproof method to enable your customers to purchase materials with 100% accuracy — typically saving 35% of your ordering costs and increasing sales by simplifying your customer's ordering process. Find out why logistic experts such as WÜRTH, Hahn+Kolb and HILTI have chosen this smart ordering solution.

Even with most "automatic" ordering systems, additional manual orders are necessary because of online shopping offers, and customer orders placed by phone or email. These "offline" order contributions cost valuable time, and significantly increase the risk of transferring inaccurate data and ordering the wrong product.





## Introducing the Smart Order Solution



The Smart Order Solution provides an innovative ordering system that makes ordering absolutely quick and simple with 100% accuracy. This solution helps prevent mistakes from the beginning, using mobile RFID/Barcode Scanners like SCANN DYbasic or powerlineECCO® from FEIG. These easy-to-use scanners are used by inventory management personnel in the field to collect part numbers encoded in barcodes, storing them in its memory.

Scanning can be performed either from a catalogue, directly at the product itself or at the warehouse shelf. By pushing only one button, the barcode will be scanned and the product is added to the ordering cart. After all the desired products have been detected, the scanner connects via USB to any Windows-based computer with an internet connection. In just a few seconds the data is 100% correctly transferred to your ecommerce system shopping card. The user can see and verify all items scanned before clicking the “order” button to place the order. This complete process is done in less than one minute with limited potential for errors. If desired, ordering information can be communicated via email instead of ecommerce systems.

## Internet of Scanning®

A good ordering system is characterized by its flexibility. With Internet of Scanning®, users are able to send barcode and RFID data from any of the scanners directly to wherever you want it to be sent — and from anywhere in the world — without any installation or manual effort.

The Smart Order Solution doesn’t require special software or any additional drivers for the application, so your IT department doesn’t need to spend time on software integration, adding drivers, downloading updates or training. The middleware EMMWare Scout that connects and communicates with ordering systems is already included in the mobile Barcode/RFID Scanners. This application will run automatically and send data to the e-commerce site, then open the filled shopping cart with the web browser.

The devices easily interfaces with all ERP-systems, web-based shops or Microsoft® Office programs. With bidirectional data exchange between scanners,

smartphones, tablets, terminals and web servers, the data is always synchronized and up-to-date on all current equipment.

The mobile Barcode/RFID Scanners also connect to Apple® or Android® devices via the Stock Data Collector App. The application can manage barcode (1D/2D) input, RFID (HF/UHF) labeled enterprise resources or even typed part number entry. The application can be used for placing orders as well as tracking resources, registering incoming and outgoing goods, inventory control and stock management.

Without the ease of a barcode scanner, users are required to manually collect part numbers, find a computer and open the e-commerce site, authenticate to the site, search for part numbers one by one, and fill out the shopping cart. Typically, a user does not remember part numbers and searches for product names instead. This requires extra diligence to identify the exact product, leading to high risk of selecting the wrong product or product variant.

## WÜRTH Mobile Ordering Case Study

WÜRTH is a global leader in fastening and assembly materials offering more than 125,000 products: from screws, screw accessories and tools, to chemical products. The effort required by WÜRTH's customers to manually capture product orders and submit them via fax, email or by phone is very time-consuming, costly and prone to error. To simplify this process, a scanner

solution called ORSY® "order with a system" was developed in cooperation with WÜRTH, designed to improve the manual process of capturing product data. This makes the ordering process faster, more efficient and increases visibility throughout the entire supply chain - from the customer order to product delivery.

### THE SOLUTION

The ORSY®scan provides customers and employees of WÜRTH a fast, contactless and simple data capture product. It's so simple that one key on the scanner activates reading of the barcode, and a second key enables deletion of data. Just one touch of a button is enough to capture the barcode on an empty package to order out-of-stock products. When data capture is finished, the scanner is put into a transfer station, which connects it to the customer's computer.

With team work and experience, more than 50,000 ORSY®scans came to life, with the goal to keep it simple and improve handling, eliminating the need for each user to have access to a computer. Thanks to the integrated SCOUTtechnology, requirements for special software installation belong to the past.

In addition, 25,000 mobile scanners were integrated successfully into WÜRTH's stock management process. The software automatically forwards orders via internet to the WÜRTH online shop. WÜRTH's customers then receive immediate order confirmation and the ordering process is completed.



*“Our customers benefit from fast delivery as well as a higher transparency. For us, ORSY®scan enables an increase of speed and an improvement of process safety, because the captured data automatically transfers into the SAP system and the underlying logistic standard processing.”*

- **Frank Seibald**, manager in marketing and warehouse management, Adolf Würth GmbH & Co. KG

## Hommel Hercules Tool Ordering Made Easy

Next to every item number in the Hommel Hercules tool catalogue is a 2D barcode. Using the smartSCANNDY, all 40,000 items from Hommel Hercules can be captured and ordered electronically out of the tool catalogue or directly from the tool shelf. The simple, user-friendly handling and accurate capturing of item numbers contributes to faster, more efficient ordering by customers. And with factory-made



pre-configuration a customized application is possible without any IT know-how.

The accurate and secure ordering process leads to an enormous reduction in costs and increase in profits for Hommel Hercules. This easy scan ordering system enabled Hommel Hercules to lower costs, reduce ordering mistakes and increase sales by 30%, resulting in significant return on investment for the tool supplier.

## WHY NOT JUST USE AN IPHONE AND AN APP?

The most common problems with popular “bring your own device” applications are the added complexity, opportunity for errors, costs and poor performance. For example, an ordering process on a mobile phone without the benefit of a scanner requires the user to locate a computer, open the e-commerce site, authenticate to the site, search for part numbers one by one and fill the shopping cart.

In addition to the substantial risk of selecting the wrong product or product variant, there is the potential for workers to misuse the phone and actually slow down their work productivity. The bottom line is the cost, performance and speed of use. Mobile phones do not offer state-of-the-art laser technology, aren’t built for the warehouse environment, and they are much more expensive to purchase and maintain.

The Smart Order Solution™ is ideal for manufacturers trying to make their customers’ lives easier by enabling an instant purchase process, as well as for retailers helping their workforce simplify ordering from multiple suppliers. Either way, the beauty of the Smart Order Solution™ is that it doesn’t require the purchase of software or the hassle of application integration, training and support.



All the “smarts” are in the scanner device itself, allowing a smooth and simple roll-out. That’s why many of the world’s leading automotive, industrial and logistics companies have chosen this solution for their mobile barcode and RFID scanner needs.

## Final Thoughts

### ADDITIONAL INFORMATION

The formerly “advanced PANMOBIL® solutions GmbH & Co. KG”, hardware and integration specialist for mobile AutoID solutions, was acquired by FEIG ELECTRONIC GmbH on March 1st 2018 to expand FEIG’s product portfolio by such devices.

The brand “Panmobil” will continue to be used as the name for the product line “Mobile AutoID devices” within the IDENTIFICATION product division of FEIG, offering RFID hardware components for LF, HF and UHF.



Hommel Hercules  
Werkzeughandel



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FEIG ELECTRONICS INC, a leading global supplier of RFID readers and antennas, is one of the few suppliers worldwide offering RFID readers and antennas for all standard operating frequencies.

For more information, visit: [www.feig-electronics.com/en](http://www.feig-electronics.com/en).

