



OPTIMAL LOGISTICS SOFTWARE

Warehouse
Management

Telematics

Tour
Optimization



WANKO

THE LOGISTICS CHAIN AT A GLANCE

In order to stay abreast of the competition over the long term and meet the demands of the market, a state-of-the-art, system-based management of the entire logistics process is required.

WANKO has developed a software that enables the planning, control and monitoring of the entire logistics process. This software offers modular and customizable IT solutions for warehouse management, tour planning and telematics. This serves to streamline processes, reduce errors, cut costs, and, as a result, boost efficiency in a sustainable manner.

WE SPEAK YOUR LANGUAGE

As an experienced partner WANKO offers consulting and software solutions to support its customers with the realization of modern warehouse and transport concepts. For this purpose WANKO studies the customer's existing business processes and, based on its findings, draws up a requirement analysis and a process description or a project requirement specification. Depending on how the processes have been defined, the software is then configured and, if necessary, customized to the individual needs.

Naturally, customer service does not end with the implementation phase. Our customer support and project managers are at your disposal anytime for questions concerning any and all aspects of the WANKO product.

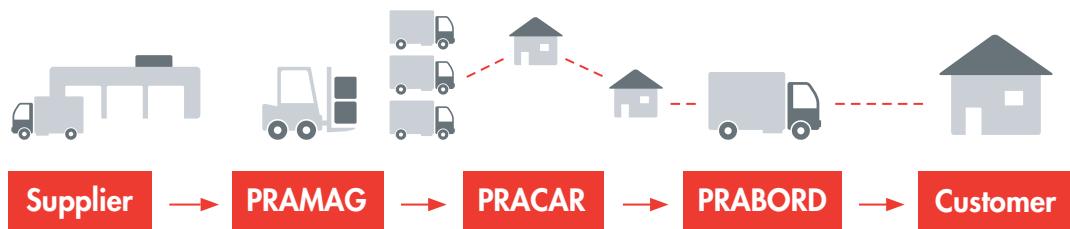
Feel free to visit us at: www.wanko.de

We would be happy to introduce our system to you in a live online presentation or by prior appointment in your company.

Please contact us at info@wanko.de for an appointment or by phone at +49 (0) 86 54 483-0.



THE WANKO LOGISTICS MANAGEMENT SYSTEM



OPTIMIZATION OF PROCESSES

WANKO is one of the few providers in Europe to develop logistics management systems capable of controlling and optimizing the entire logistics chain. The system consists of three perfectly compatible main modules.

While the tour planning system PRACAR and the telematics solution PRABORD oversee the entire transport process, the warehouse management system PRAMAG handles all stock movement. The order and inventory data is exchanged with the enterprise resource planning system via a central interface. All three modules share a single database.

With its unique, integrated and transparent design, the software enables the most cost-efficient planning and implementation of all logistics processes. The modules can operate independently or be combined in the overall system. Integrating the tour planning software, the warehouse management system and the telematics solution allows one to map the entire transport chain between locations and beyond the company boundaries.



Warehouse Management

PRA[®] MAG 3000

OPTIMAL WAREHOUSE CONTROL



Optimal control over all orders, seamless timing between all work areas, coordinated order control in specific warehouse areas, automatic restocking for picking areas, flawless execution of tasks through online monitoring from the receipt of goods to loading—WANKO offers the perfect solution for successful logistics management, resulting in optimized warehouse processes.

PROCESS-ORIENTED

PRAMAG is process-oriented and lays out all structures in stock movement in a transparent manner, thereby ensuring that even complex warehouse control processes are conveniently and clearly optimized. Through direct communication with staff members, PRAMAG provides flawless warehouse performance. Orders entered into the system automatically yield the required work and transport orders, which are then promptly sent to the respective teams. Employees receive their assignments via mobile data terminals with or without the aid of printed lists. PRAMAG also allows the seamless combination of different work methods for each respective work area and the integration of pick-by-voice and RFID.

EFFICIENCY IN THE WAREHOUSE

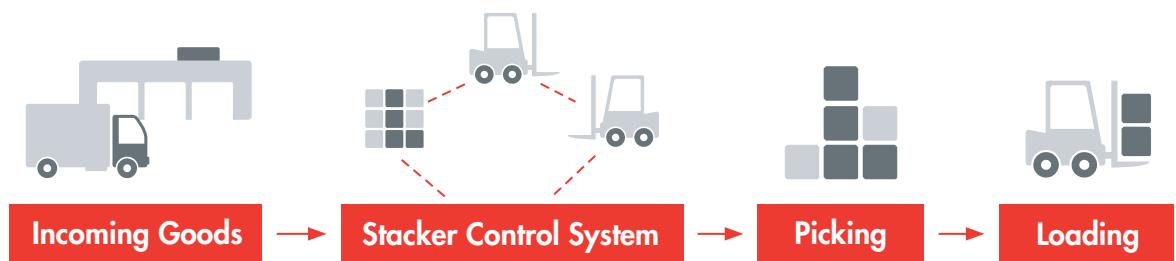
Underpinning the optimization of stock movements is the digital warehouse plan that illustrates the storage locations and routes. PRAMAG controls the processes from the receipt of goods to loading, based on saved configurations of processes for the control of individual work areas. Interdependent picking areas can be synchronized automatically, thus ensuring optimal control. Different warehouse types can be defined and also allow cross docking and consignment stock. Inventory information and replenishment can be monitored online anywhere and at any time.

SECURE IMPLEMENTATION

PRAMAG ensures a seamless implementation phase. This is provided by a unique implementation concept that offers maximum process reliability for the software switch in the warehouse and a risk-free integration into the existing IT processes.

The data required for management is saved, evaluated and utilized for controlling purposes.

AN OVERVIEW OF THE ADVANTAGES OFFERED BY PRAMAG



- Central logistics control station
- Inventory reliability down to individual storage locations
- Maximum process reliability for software switch during running operations
- Increased efficiency through avoidance of procedural delays
- Support of all current picking methods
- Reduction of complaints caused by warehouse procedures
- Increased automation of process control
- Optimized control of all employee assignments
- Flexible personnel deployment, reduced training periods in other work areas
- Continuous inventory minimizes effort required for annual inventory

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WANKO offers high added value, for despite standard software we are able to tailor our services to the needs of the individual customer. Moreover, through the unique step-by-step implementation we obtained a maximum degree of reliability.

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Frank Hagen,
VP Global Warehouse
and Logistics





Tour Optimization



PRA[®]CAR 3000

OPTIMAL TOUR PLANNING

Optimized vehicle utilization, perfect tours, well-timed ordering schedules, a high order volume, elimination of unloaded mileage and increased punctuality with customers—WANKO offers you the solution for successful logistics. The result is perfectly planned and optimized tours.

THE BEST TOUR

PRACAR optimizes vehicle deployment both in strategic and operational terms, taking into account the defined conditions. The features range from area planning to the creation of one-day, multi-day or skeleton tours as well as shift operations and flexible scheduling—PRACAR excels at all typical planning variations. Based on established customer criteria and vehicle data, the program yields the most efficient tour suggestions. The dispatchers then simply select the shipments to be planned. By means of the vehicle and driver deployment the dispatcher maintains control of resources.

AUTOMATED AND CONFIGURED

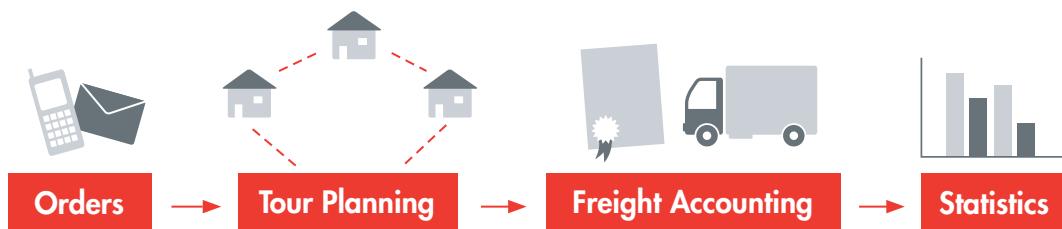
WANKO's tour planning is very user-friendly. It offers a broad range of configurations, effortlessly adaptable to the individual needs and requirements of the customer. The functionality of the automatic tour optimization makes dispatching much easier and considerably improves the quality of the planning results.

SPOTTING AND TAPPING POTENTIAL

Through its exceptional analysis capabilities, PRACAR facilitates the assessment of costs and benefits of planned and existing business locations. This assessment includes gauging the impact of additional locations as well as the effect of acquisitions on logistics processes. In terms of individual business locations, optimization potential is recognized with the aid of strategic simulations and applied directly to daily distribution logistics. This makes PRACAR the perfect planning tool for strategic and operational fleet management and enables management to operate with optimized delivery costs at all times. The high level of automation ensures consistent quality of operational fleet management and standardized processes at all locations.

The data required for management is saved, evaluated and utilized for controlling purposes.

AN OVERVIEW OF THE ADVANTAGES OFFERED BY PRACAR



- Automatic tour planning
- Convenient drag & drop dispatching
- Comprehensive order processing including freight accounting
- Considerable cost-saving potential through optimized tours and structured processes
- Detailed analysis provides cost transparency
- Simulations aid in spotting potential

- An overview of all resources ensures an optimized workload
- High scalability, tailored to customer- and industry-specific requirements
- Easy implementation and interfacing ensures short project times
- Prompt return on investment

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Some of our reasons deciding for the WANKO software were its well-designed graphic interface, its user-friendliness, and its great analysis and expansion capabilities.

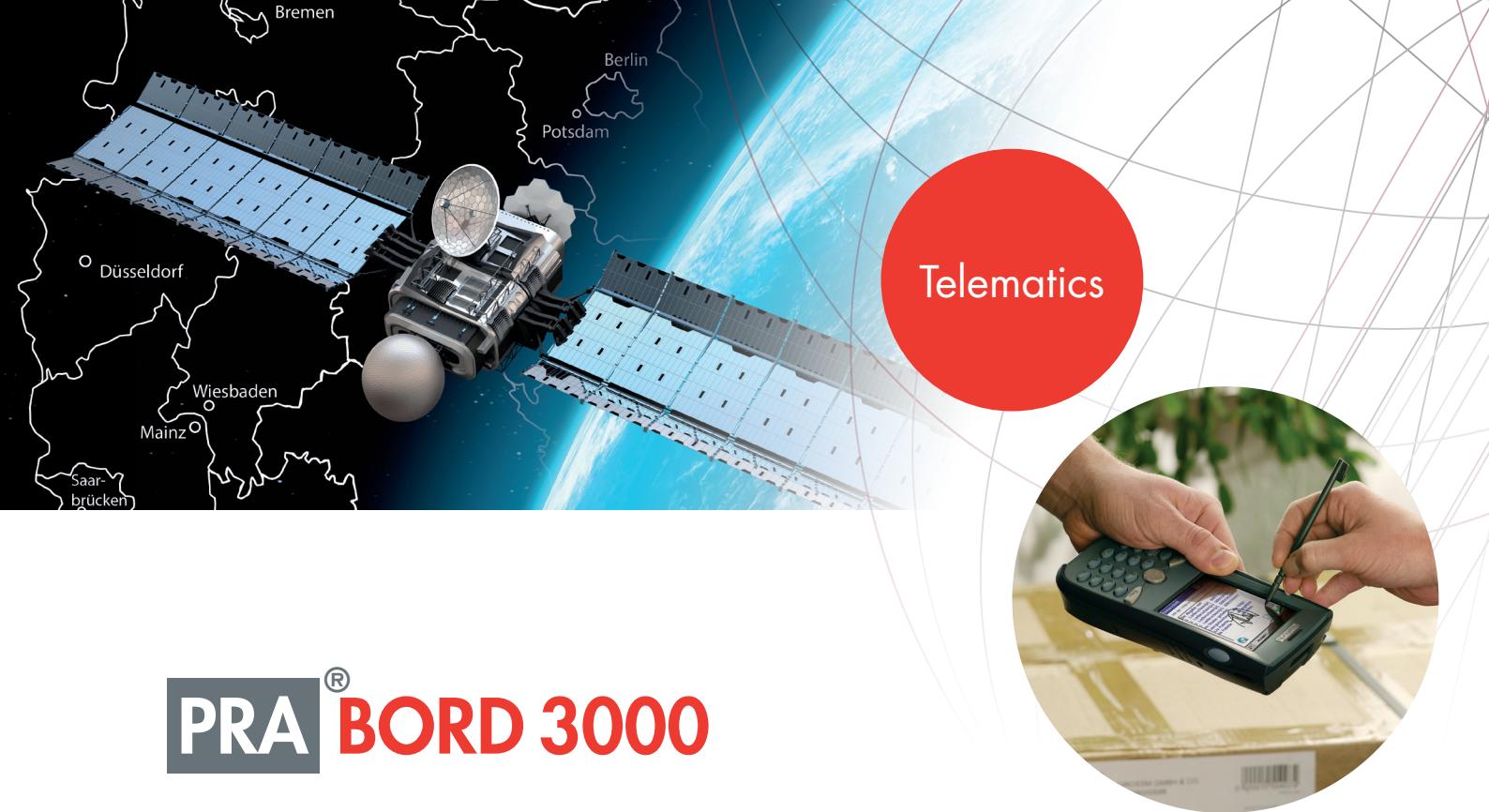
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Rochus Herzberger,
Logistics Director Frankstahl



A GOOD THING IT'S WANKO!



PRA[®] BORD 3000

OPTIMAL TOUR MANAGEMENT

The telematics and fleet management solution PRABORD is the ideal complement to WANKO tour planning. Together they offer the best tools to boost the efficiency of logistics processes in any given company.

PRABORD is designed to handle all order management tasks from loading to electronic delivery receipts. The planned tours are sent by the dispatchers directly to the fleet vehicles' on-board computers with the touch of a button.

The driver and vehicle data are promptly and automatically fed back to the control center. All information is continuously compared with the planned tour course and the respective legal regulations. Schedule variances are recognized by the system and promptly reported to both driver and dispatcher.

The close collaboration between transport planning and operational execution guarantees the highest possible efficiency and quality.

The data required for management is saved, evaluated and utilized for controlling purposes.

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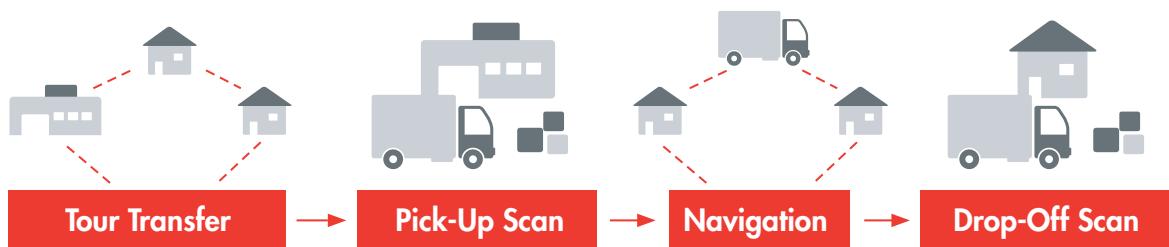
The tour planning system PRACAR and the telematics solution PRABORD excel above all in their broad range of functionalities, user-friendly interfaces, and prompt response times. We conducted an extensive field test in the area of ergonomics and compared our findings with other solutions on the market. Compared to the reference year, Kastner saved 93,000 liters diesel fuel and 236,000 total kilometers, all in the first year following the roll-out. This equals a reduction of approximately 330 tons of CO2 emission.

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Lukas Schlosser
Logistics Director Kastner Group

AN OVERVIEW OF THE ADVANTAGES OFFERED BY PRABORD



- Wireless tour transfer to vehicle
- Information exchange between driver and control center, transfer of vehicle data, monitoring of temperature data
- Monitoring of estimated times of arrival, automatic alert in case of threatening violations
- Vehicle tracking, European-wide route navigation, indication of toll-paying routes
- Scanning of delivery notes and shipping pieces, pick-up and drop-off scans
- Photos for internal documentation (in the event of damages, etc.)
- Registering of recipient's signature
- Printing of documents in the vehicle
- Documenting the pick-up and drop-off of unit load devices
- Comparison planned/actual

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We noticed nothing of the changes made during the ongoing operation—something I consider a very good sign. For us, information technology is a strategic weapon.

”



Christof Kastner,
Managing Partner
Kastner Group



A GOOD THING IT'S WANKO!



SPECIALIZED KNOWLEDGE IN NUMEROUS INDUSTRIES

WANKO is an eminently reliable and competent partner in the optimization of logistics processes. Our company supports its customers over the long term and is always willing to go the extra mile. With several decades of experience in logistics WANKO has garnered a high level of consulting expertise and proven

know-how and provides swift reaction times, excellent project management and sustainable service.

Do you have any further questions about our products and services? We look forward to hearing from you.

FURNITURE



FOOD



STEEL



FREIGHT FORWARDING



LIQUID GASES



PAPER



BASF

PRAXAIR

MESSE

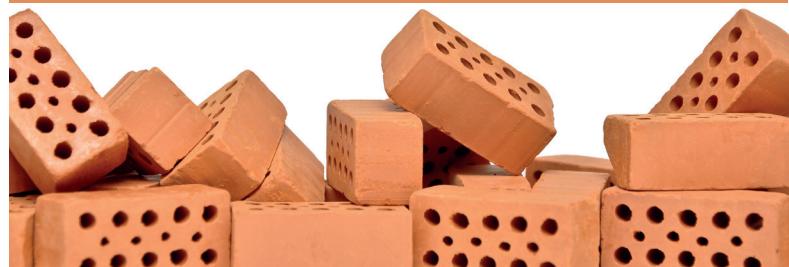
AIR LIQUIDE
Creative Oxygen

IGEPA group

LEWELL
KARTONAGEN

SAUERESSIG®

CONSTRUCTION



TRADE



**HORNBACH BAUSTOFF
UNION**

**HEINZ VON HEIDEN®
MASSIVHÄUSER**

roma

ROSSMANN
Mein Drogeriemarkt

PAPSTAR

Schlumberger
KOMMANDITGESELLSCHAFT

MANUFACTURING



SERVICES



Josera.

**ASSMANN
BÜROMÖBEL**

PaX
FENSTER UND TÜREN

Post

GERKEN
VERMIETET ARBEITSBOHNEN

STAHLGRUBER
IMMER MOBIL



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