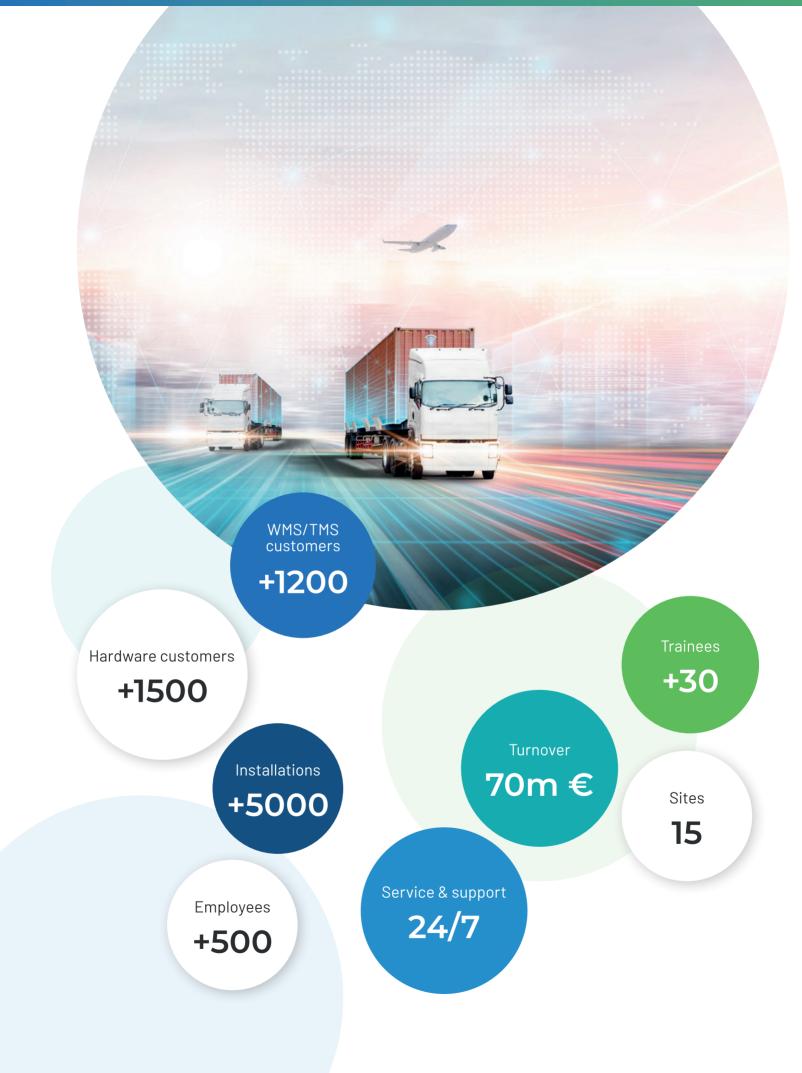


Transport management

Future-Proof Logistics Processes From order receipt to controlling

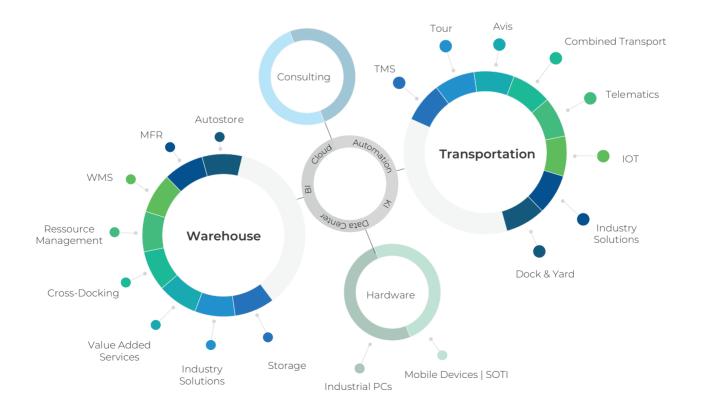


proLogistik Group Collective Supply Chain Excellence

No matter the area of your value-added chain affected: We offer a comprehensive range of modules, products, and services for success-optimised digitalisation. Our solutions comprise safe, efficient cloud computing options as well as cutting-edge hard- and software tools to help you permanently optimise your logistics processes. We are your partner for the IT of the future in the logistics industry. We represent intelligent transformation.

Complete solutions for your supply chain

We bundle the competences of more than 500 employees in warehouse, transportation, hardware, and consulting. Many happy customers from wholesale and retail, industry, e-commerce, and the 3PL service sector can already profit from our supply chain solutions optimised across all steps.



Das proLogistik Group TMS Transport Management Solution

Central planning, control, tracking, and analysis

The right TMS will give you greatest transparency of your daily transport processes – no matter your industry or whether you are a manufacturer, dealer, retailer, carrier, or logistics company.

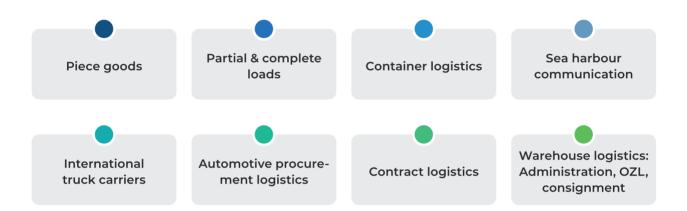
The proLogistik Group TMS (pLG TMS) will enable you to organise your entire logistics business quickly and easily. As a competent workflow- and process-oriented software, the pLG TMS is highly flexible, integrating various processes, specialist areas, currencies, and languages. It doesn't matter whether your company is centrally or decentrally organised or how many users are working with the system.

This transport management solution will let you centrally plan, control, track, and analyse all orders and tours in a data-based manner. Real-time data transmission will let you make order adjustments quickly and flexibly.



Areas of use

The pLG transport management system has comprehensive areas of use. From partial loads to warehouse logistics to industry logistics for hazardous materials – pLG TMS lets you maintain control of all your transport processes.



- Interfaces: SAP, Schunk, ATLAS, cooperation clearing, and freight exchanges
- Modular build: Three-dimensional tariff quotations Shipment recording Scheduling Invoicing Cost management Statistics and analysis Fleet management Internal service settlement
- Simple data exchange (partly automated) between customers, partners, system centres, or HUB operations (DFÜ- and status concepts)
- Warehouse management from keeping inventory to location management, scanning, incoming and outbound goods, to relocation
- Packing unit management
- Multi-language, multi-currency, and multi-company capable

pLG active avis The Smart Advice Note Management

Web-based software for advice notes in transport

Our web-based "active avis" platform is a service to automate delivery advice notes to optimise the entire process chain. Beyond this, the digitalised workflow uses various means of communication such as text message, email, or language assistants in order to improve planning of local tours for delivery and collection. The workflow maps a custom advice note process from integration of the shipment to announcement to the recipient to confirmation of the advice note. All steps are presented in a well-structured and transparent manner, including customer feedback and links to the Track-&-Trace system. Communication with the TMS takes place via WEB-Services.

Areas of use

- Online for carriers and remote work employees
- Industry and trade
- Connection to shipment recipients by text message and email via feedback page







- Fully automated communication with B2C goods recipients
- Automatic advice notes to customers from trade
- Delivery & collection/returns advice notes
- Communication by text message, email & language Al "Luisa" in all languages
- Supports live tracking of shipments
- Integration of additional services subject to fees by integration of payment solutions

- Evaluation options in real time and historically via the dashboard
- Individual setup of templates entirely without requiring any programmer skills
- Integrated capacity management for delivery date slots
- Simple connection to each TMS via REST AP
- Hosted by the pLG active logistics cloud

Web-based software for advice notes in transport

All shipment information at a glance

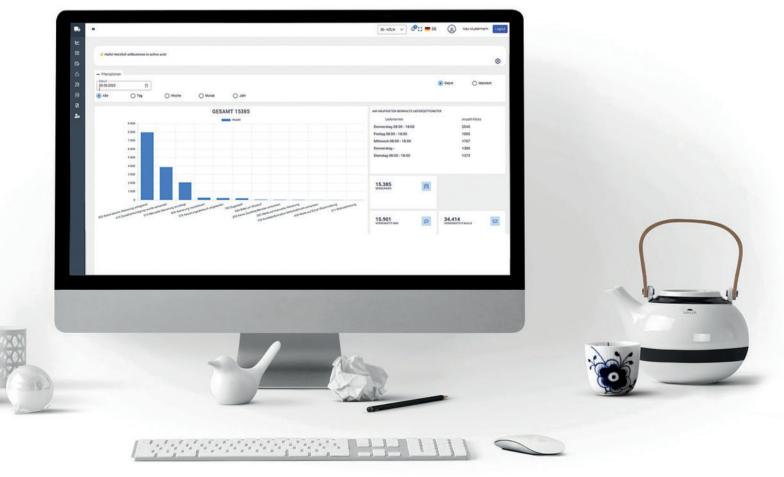
One click is all it takes: Grouping of all shipments based on your advice status. Quick overview: For which shipments are advice notes sent automatically, which ones require manual action.

Automated communication workflows

All relevant communication processes with goods recipients/dispatchers can be mapped individually. It does not matter if delivery/collection dates need to be agreed or announced, if you want to report delayed arrival of a delivery, or offer delivery of goods in live tracking. Special services, such as evening delivery for a surcharge, can also be easily integrated into the application.

Luisa takes care of anything else

The language AI "Luisa" will call to perfectly automatically schedule delivery dates and offer further options for its communication partners. The language assistant can even automatically inform about arrival of the delivery vehicle and report what may need to be observed during unloading/loading.



pLG active m-ware Workflow and Process-Oriented Logistics Software

For national & international system logistics with loading transports

One for all: The "pLG active m-ware" logistics software offers quick and simple organisation for all logistics activities, no matter if in the areas of land transport, warehouse management, or automotive carriers. Thanks to its greater flexibility, the software can integrate many different processes, specialist areas, currencies, and languages – no matter if the company is centrally or decentrally organised or how many users are using the system.

Areas of use

- Piece goods
- Partial and complete loads
- Container logistics and sea harbour communication
- International truck carrier
- Automotive procurement logistics
- Contract logistics
- Warehouse logistics: Administration, consignment, OZL
- Industry logistics from simple to difficult from spare parts to food to hazardous substances



The complete profile

- pLG active m-ware is a future-capable complete solution that saves later purchases and integration costs
- All processes of a forwarder are mapped
- Various business models can be used flexibly
- Reducing error rates and operating costs
- Standard software such as MS-office
- Efficient reporting
- Adjustable screens, documents, labels, and forms
- Implementation of special customer wishes without any additional software

- Multi-language, multi-currency, and multi-company capable
- Interface experience: SAP, Schunk, ATLAS, cooperation clearing, and freight exchanges
- Linux system platform diversity via IBM, SUN to Citrix
- Modular build: three-dimensional tariff quotations, Shipment recording, scheduling, invoicing, cost management, statistics and analysis, fleet management, and internal service settlement
- Sophisticated and partly automated options for data exchange between customers, partners, system centres, or hub operations
- Packing unit management
- Fleet management

- Batch tracking
- Real-time information of customers and partners with integrated web data centre internet portal
- What-if scenarios on company, profit centre, and customer levels
- Warehouse management from inventory keeping to location management, scanning, and incoming and outbound goods to relocation
- Picking, production, ranges, and display formation
- Data integration and removal from storage
- Scheduling and settlement with integrated map & guide
- Provision, bundling, and shipping path optimisation
- Real-time warehouse-monitoring to dashboard

active logistics																		<u>.</u> M	ein Konto
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pLG active smart tour Flexible Tour Planning

Software for tour planning in logistics

The dispatchers are almost something like magicians – if you have ever tried planning a tour sequence to keep the entire driving distance as short as possible, visit no station more than once, and let the first station know the last station as well, you will be familiar with the issue here: the enormous number of possible combinations (eight stops already lead to 40,320 driving options). The magic wand for these situations is our Al-supported active smart tour route planner.

Rosenbach/Vogt

schlitz

mitz/V

Tanni

+ 18

Gefrees

Bad Berneck Fichtelgebirg

Bayreuth

26 + 24

+ 25

Bad Lobenstein Rosenthal an

Areas of use

- Logistics service providers from logistics, trade, and industry
- Tour planning for local transport (deliveries and collections)
- Considering current and past influences

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- Automatic planning of collection shipments in active operation

Frankenblick Sonneberg, Foritztal

> Ebersdorf bei Coburg

Lichtenfels Altenkunstadt. Bad Staffelstein

ScheBlitz

Memmelsdorf

Ebensfeld

Bamberg

Neustadt bei Coburg

ad Rodaci

Eberr

Bischberg.

Knetzgau Eltmann

pressig

Stockheim

KUPS

Burgkunstadt

Hollfeld

Kronach

- Scheduling for support of tour planning and monitoring
- Comprehensive tour monitoring

Der Weg zur perfekten Tour

- **O1.** The free shipment inventory is automatically classified in various wide-spread movement areas.
- **O2.** Once the algorithm has processed the shipments of a driving area to be optimised, individual tours optimised for routes, time, and costs will be created. This considers vehicle capacities, as well as bins, actual weight, and dimensions.
- **03.** The user can review the results by displaying the individual shipments on their screen with a click. All important information, such as ETA times, address lists, or loading aids, will be displayed on shipment level.
- **04.** Not a one-way street: active smart tour makes it possible to move shipments within one tour or across tours simply by drag & drop. The ETA times will, of course, be recalculated for this.
- **05.** Once tour planning is complete, the monitoring feature "local transport loading" can be used to track the vehicles live. This visualises any deviations from the target load and permits last-minute changes to the tour.
- **06.** An eye on the tour course: track the tour course in real time. Tour monitoring will show all stops on a timeline. The corresponding mark makes clear which stops have already been successfully completed.
- **O7.** Highly flexible: On demand, additional collections can be included in the tour and will be displayed in tour monitoring. Once this is done, the driver will receive all corresponding instructions and information right away.

- End-to-end process mapping of local transport scheduling and monitoring in one application, entirely without any media breaks
- 100% web-based application with outstanding UI/UX
- Hosted by the active logistics cloud
- Automatic planning of tours under consideration of pre-defined restrictions
- Constant updates of the expected arrival and departure times (ETA)
- Monitoring of the tour progress in tour monitoring
- Automated planning of collection shipments
- Simple connection to any existing third-party software possible via standard web service interface

- Individual specification of optimisation targets by route, time, or costs
- Resource planning on driver and vehicle levels
- Considerable cost savings of up to 30% by resource and route optimisation
- Time savings of up to 90% in tour planning
- CO2-savings due to shorter distances
- Relieve of the schedulers by automated tour formation
- Adjustment of active tours in real time
- Consideration of real-time traffic Information and weather data





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