



# Maintenance with vision

Automated. Integrated. Future-Proof.

# Our experience. Your profit.



**In use internationally across all industries.** For around 30 years, we have been dedicated to maintenance management and offer our customers with isproNG, a flexible, powerful, and value-oriented software solution. More than 8,000 international users from production, facility management, and logistics benefit from our clear focus on maximum user-friendliness, transparency, control, and optimization.

Thanks to the latest technologies, sophisticated products, and a highly skilled team, H&H Systems is today one of the leading providers of maintenance management systems in Europe. Our satisfied customers around the globe particularly value our experienced project management and the comprehensive expertise that goes into each of our projects.



## isproNG

The innovative maintenance software  
for maximum benefit with minimal effort.

Preventive–predictive–corrective: with app and web technology, maintenance technicians are provided with all the information they need to perform their tasks professionally and without stress. The integrated AI “Commander Data” calculates probabilities of failure based on sensor values and historical data and supports failure correction with suggested procedures. Maintenance tasks are generated automatically, workflows are optimized, and reports are created without any additional effort.

## Uncompromising efficiency.

Your decision for  
isproNG.

**User friendly and efficient.** isproNG illustrates your organisation and your processes in a clear way, supports the operative resource planning and guarantees the legally required documentation. Special conditions call for specific solutions. With interfaces to all current ERP-systems and simple processes to import the existing data, isproNG is an all-in-one-system, which is adapted perfectly to your company-specific requirements.

The user-friendly structure of the software enables a fast implementation and minimizes the training effort.

From the installation up to questions at the daily use, our competent team is in direct-support available for you. A modern, fully integrated online help system, as well as ongoing updates, are a matter of course with isproNG. Periodically free of charge user-meetings for experience exchange and networking complete our support-service.

## Your advantages. To put it straight.

### OPERATIVE

- + Simplified administration and procurement
  - automated by AI
- + Short reaction times
- + Optimized spare parts availability
- + Selflearning system with AI integration
- + Less time effort through high usability and clear structure

### STRATEGISCH

- + Weakpoint detection and derivation of improvement measures
- + Increase of planning level
- + Resource saving
- + Continuous improvement
- + Knowledge management

### YOUR COMPETITIVE ADVANTAGE

- + High plant availability through automatic task and report generation
- + Less administration effort
- + Less maintenance and storage costs
- + Maximum cost- and performance transparency
- + Reduction of training times through knowledge base and AI generated support



# Modular and flexible.

## This is the way how modern maintenance works.

isproNG is an all-in-one-system, which allows modular implementation. According to individual need, further modules can be added at any time. Many configuration possibilities guarantee a fast and branch independent adaption to your requests and DIN and ISO-compliant processes are ensured.



### LEADSYSTEM (FAT CLIENT)

In practice, the Leadsystem is used by management personnel, technical purchaser and task planner. It is implemented as client-server-architecture with a Microsoft-SQL-database.



#### Basic modules for the perfect project start

- + Contact- and address management
- + Personnel management
- + Plant structure
- + Maintenance planning
- + Task management
- + Alert management
- + Legal compliance
- + Stock- and spare parts management
- + Bill of material
- + Analyses, key figures and reports
- + Messaging system
- + Calendar



#### Optional extension modules

- + Technical purchase
- + Project management
- + Operating schedule
- + Storage management
- + C-parts management
- + Work preparation/resource planning
- + Workflow- and notification system
- + Dashboard/KPI module
- + Document management
- + Energy management
- + CBM, UBM, sensors
- + Gantt Chart
- + Equipment management
- + Facility management
- + ERP Interface
- + Industry 4.0 Interface (OPC, MES, ODATA)
- + Suppliers webshop connection (OCI)



## Web Portal

Whether shopfloor, machine or office - the web portal can be executed from any browser and is used by maintenance, production and management staff.

In modular design, nearly all maintenance procedures are available in the web as well. User-specific views and permissions ensure, that each employee can perform specific tasks in the system. You have quick access to the whole documentation as well as a huge cost reduction through fewer workstations and shorter travel- and searchtimes.

### Modules in the Web Portal:

- + Management overview
- + Report of alerts
- + Task management
- + Shift book
- + Visual navigation
- + Plant documentation
- + Maint.-Lite for TPM-tasks
- + Ordering
- + Spare parts
- + Shift- and Resource planning
- + Interactive dashboard
- + Messages
- + Calendar
- + Contacts
- + Personell



# Modul- Highlights in Web and App.

Packed with functionality and a modular design. The web portal and app provide a clear overview of all maintenance processes and are easy to use. User-specific views, functions, and permissions ensure that all employees can perform their tasks efficiently.

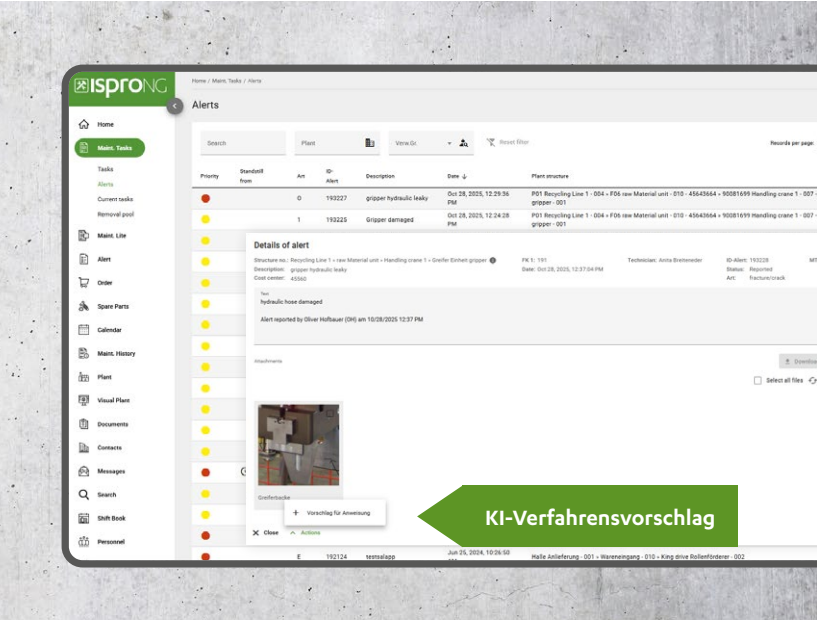
## Maintenance Tasks

Modern task management for efficient maintenance processes.

The module Maintenance Tasks supports the daily processing of planned tasks as well as corrective tasks generated from alerts.

- Tasks:** The task pool offers extensive filtering and selection options (e.g., by asset usage group, etc.) and ensures a structured overview of all open tasks.
- Alerts:** All machine-generated or manually created alerts are collected and displayed here. Supported by AI, suggestions for defect correction or troubleshooting can be generated. The alerts will be converted into tasks either automatically by the AI or manually and assigned to the respective employees.

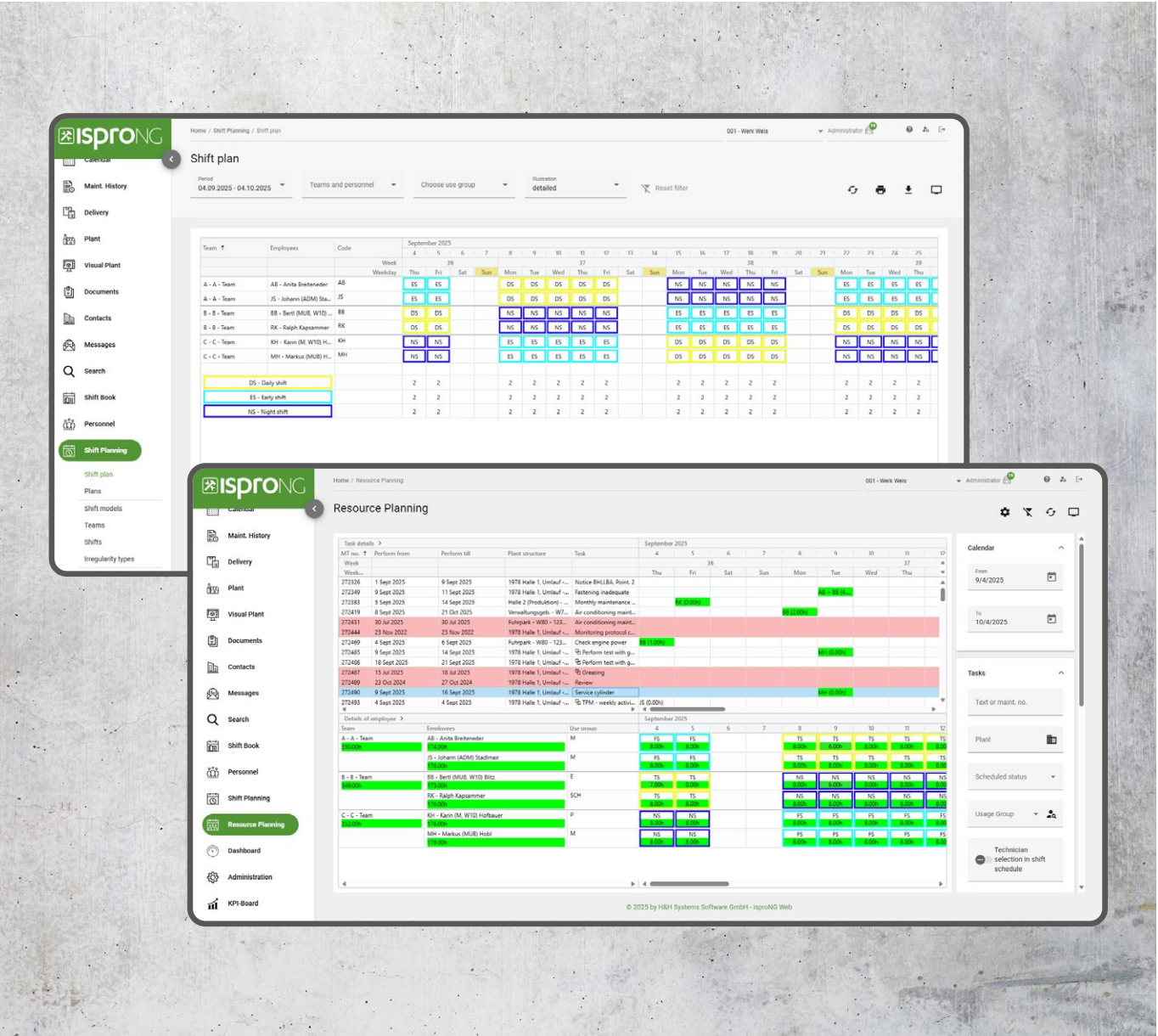
- Current Tasks/Activities:** Employees get their tasks directly from the task pool. After processing, multiple activities can be completed collectively – with automatic transfer to the maintenance history for seamless documentation.
- Stock removal pool:** Assignment of spare parts to tasks, including temporary withdrawals and returns.



## Shift and resource planning

An intelligent planning tool for shift operations, offering a compact and clearly structured overview.

- Shift planning**
  - + Visual shift schedule in calendar view with clear color coding
  - + Flexible creation of individual shift models
  - + Employee grouping with direct assignment to specific shift models
  - + Easy adjustment of the shift schedule through definable deviations
- Resource planning**
  - + Quick overview of all tasks and the qualified employees
  - + Freely selectable viewing period
  - + Targeted employee scheduling based on shift models
  - + Integrated availability view for each individual employee
  - + Quick assignment via drag and drop - assign one or more employees to the task, or simply drag the task to the desired employees

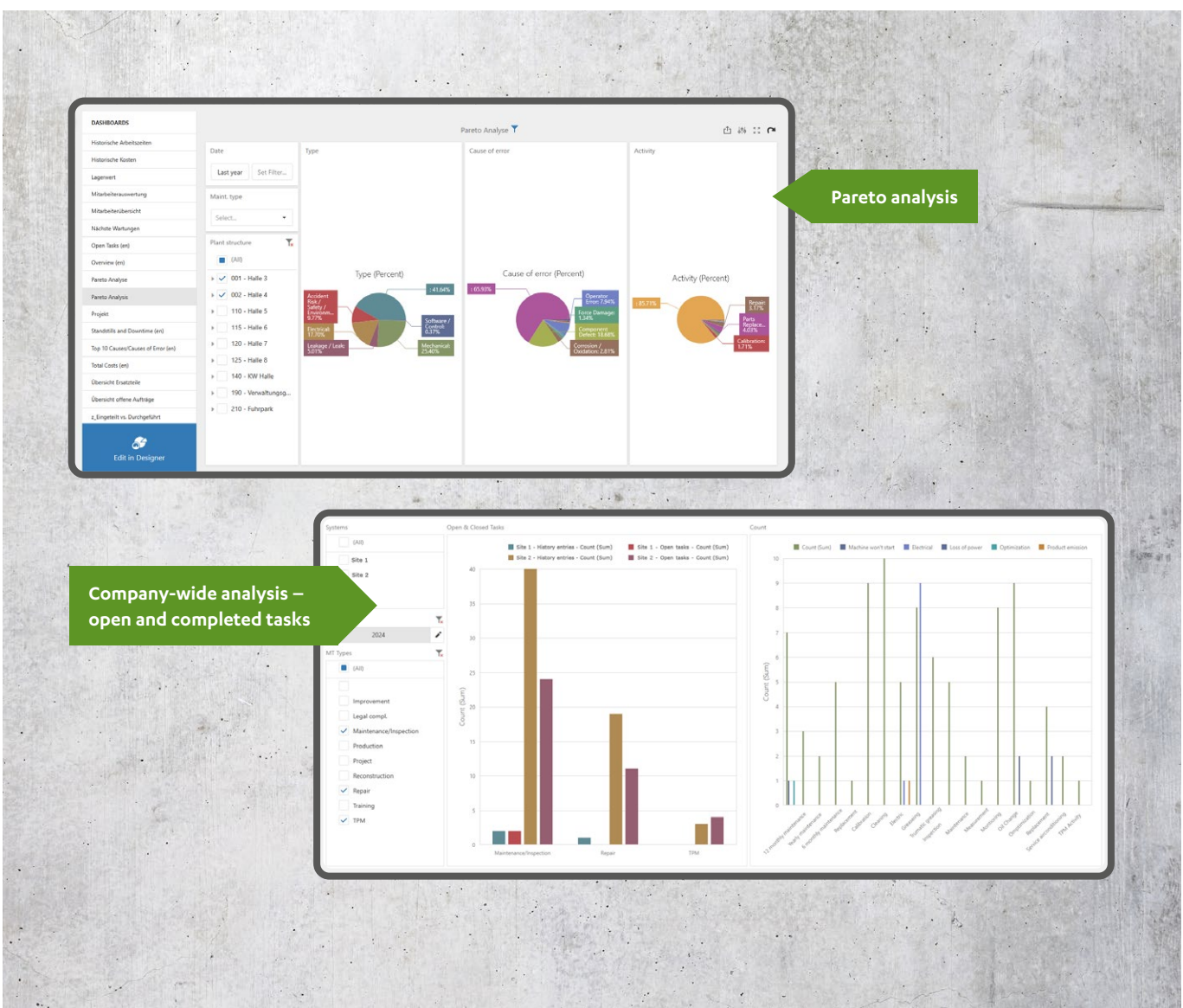


# Interactive Dashboard

## Web-based KPI tool for real-time data insights and cockpit analysis.

Visualize your maintenance data with just a few clicks – interactive and flexible

- + Predefined filters and comparison groups for fast, real-time analyses
- + A wide range of chart types for evaluating a variety of key figures and maintenance data
- + Direct navigation, filtering, and selection within the interactive charts
- + Modern presentation for audits and meetings – flexible instead of static reports



### Highlights and Benefits

- + Full-screen mode on info screens with automatic refresh
- + Create a wide range of analyses as needed – freely configurable
- + Includes preconfigured dashboards
- + Quick export or saving of the complete view or individual charts

# Simple and efficient.

## isproNG makes your maintenance mobile.

Mobile solutions have become an indispensable part in the field of maintenance. That is why we are placing high demands on the functionality of our software in this area. isproNG integrates the most modern mobile solutions for more efficiency and automated processes with NFC and QR-Code.

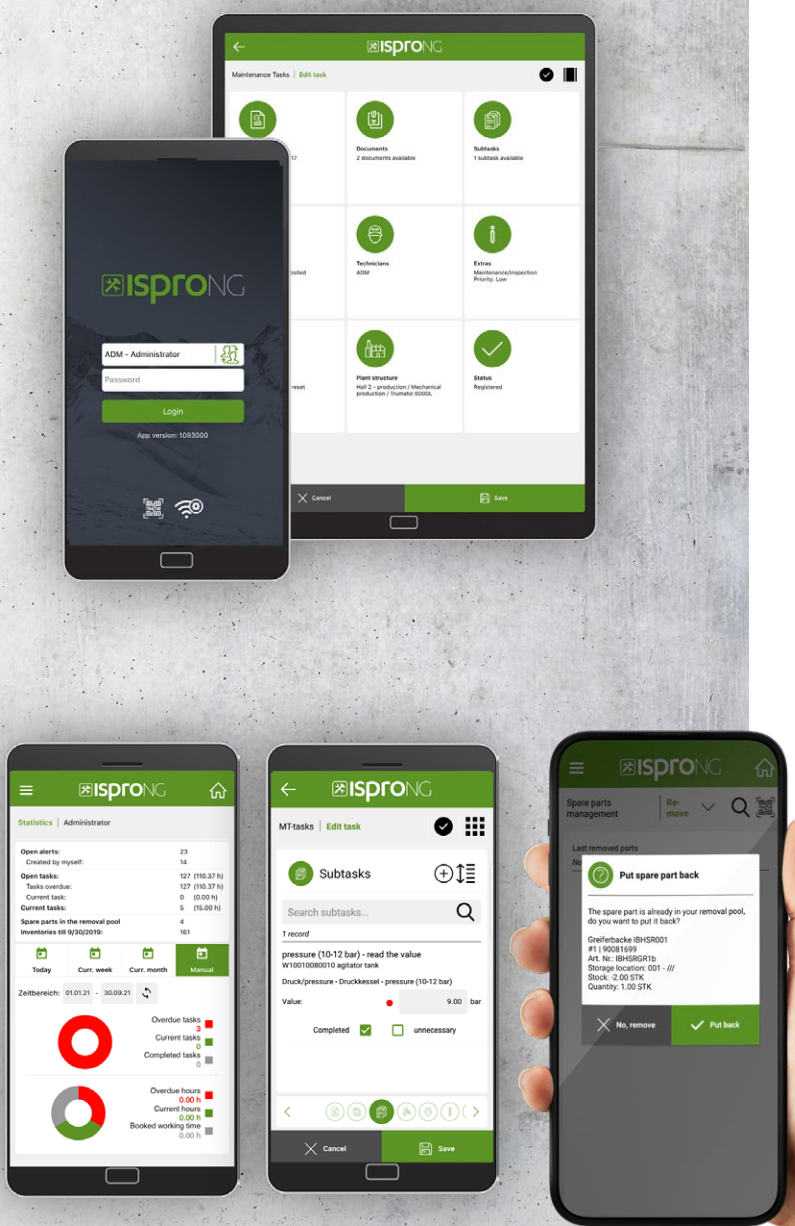


## isproNG App

Mobile and variable maintenance with smartphone or tablet for Android, iOS or Windows (UWP) – The app presents itself clearly and intuitively to the dynamic maintenance engineer. More efficiency and accurate documentation for the entire maintenance process, including spare parts management. On- & Offline.

### Functions overview:

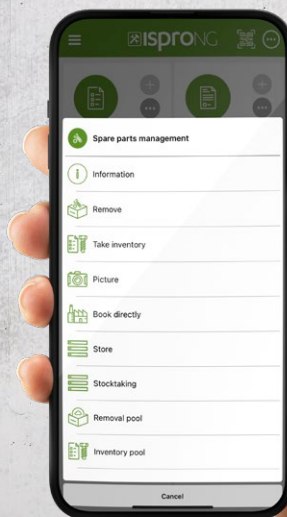
- + Create / accept alerts
- + Edit tasks
- + Notification by push-messages
- + Checklists / subtasks
- + Create and link pictures / videos with alert / task
- + Access to contacts with direct call or e-mail
- + Overview with dashboard and statistics
- + Spare parts management / spare part supply
- + AutoID (NFC, QR-Code,...)
- + Fingerprint login
- + Journal overview
- + Documentation of plants and localisation with GPS
- + Offline mode: defined data are provided and synchronised automatically





## Mobile stock- and spare parts management with smartphone, tablet or industry-handheld

- + Remove spare parts and assign to tasks
- + Book spare parts directly
- + Stock movement + Inventory
- + Photo documentation
- + Info on spare parts (documents, storage locations, BOM...)
- + Picking
- + Technical purchase (from BANF to order completing)



## One step ahead. The innovative highlights of isproNG.

To realise thoughts which seem to be unthinkable is our challenge as technological leader in the branch. That's why you are always on the pulse of time with us.

### AI Assistant "Commander Data"

isproNG combines traditional preventive and corrective maintenance strategies with the latest predictive maintenance methods. The integrated AI – affectionately called "Commander Data" – analyzes, thinks ahead, and optimizes. What he was on Starship Enterprise, our AI now is for your assets. Sensor data and historical information are evaluated, failure probabilities are calculated, and procedural suggestions for defect correction are generated. Based on this, maintenance tasks are automatically created, workflows optimized, and reports generated without any additional effort.

### Industry 4.0 (sensor technology, OPC, predictive maintenance)

Sensor-endpoints are created and connected with isproNG. From the OPC-server the values can be retrieved and represented graphically. In case of exceeding fixed limits, an alarm is triggered. Therefore loss of production can be reduced and the maintenance intervals are adjusted dynamically.

### Supplier webshop connection (OCI interface)

The OCI-Interface enables the transfer of the spare parts which you have bought in a webshop, directly in the spare parts management of isproNG. Therefore you have no additional acquisition and you have the current data for price comparison continuously available.

### Data glasses / Field Support

With the data glasses you scan bar- and QR-codes to see live data from the machine. You get an immediate overview of measured data and wear values, as well as checklists for inspection and maintenance. With the Field Support module, technicians on site can transmit their camera image in real time to internal experts, who can provide targeted assistance through direct annotations and visual guidance within the live image.

### isproNG international

Our software is available in 20 languages – both content and software interface (GUI).

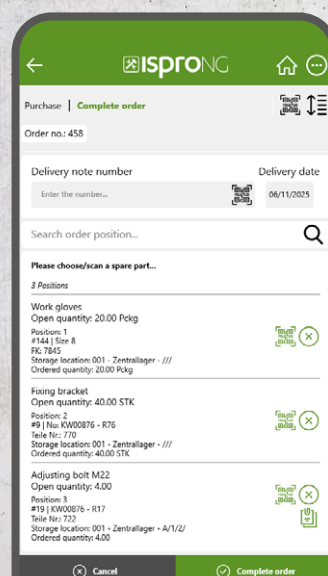


## Technical Purchase

The purchasing module in the app supports the entire procurement process – from purchase requisition and goods receipt to the final posting of the order. Every step is seamlessly integrated and fully transparent.

- + Create orders with additional details such as project, cost center, and more
- + Option to order non-registered items
- + Add new suppliers directly during the process
- + Goods receipt with quantity verification
- + Partial postings in case of underdelivery
- + Final posting of the order upon completion
- + Automatic stock increase upon goods receipt
- + Complete logging within the item information

Additional extended functions are available in the web portal – for example, the **authorization workflow for orders**.



# References.

The most reliable predictor for success.

ADELHOLZENER ALPENQUELLEN, Germany · AKDENIZ CHEMSON ADDITIVES, Austria · AMER Sports ATOMIC/SALOMON, Austria, Bulgaria · DORMAKABA Austria GmbH · DUNAPACK PACKAGING, Austria, Germany, Croatia, Bulgaria, Romania, Turkey, Hungary · EBERSPÄCHER, Germany, Poland, Bulgaria · ETERNIT-Werke, Austria · EVVA SICHERHEITSTECHNOLOGIE, Austria · FRIPA PAPIERTECHNIK, Germany · GALEXIS, Switzerland · GEORG FISCHER FITTINGS, Austria · HARIBO, Austria, Hungary · HAUBIS GmbH, Austria · HUBER Tricot, Austria · HYDRO Aluminium, Austria, Belgium, Bulgaria, United Kingdom, Netherlands, France, Hungary, Denmark · INNSBRUCKER VERKEHRSBETRIEBE, Austria · JOSKO, Austria · MATTERHORN GROUP, Switzerland · NEUMAN Aluminium, Austria, Slovakia, USA, Mexico, Germany · PFANNER Getränke, Austria, Germany · PÖTTINGER LANDTECHNIK, Austria · RITTER-SPORT, Germany, Austria · SCHÜLLER MÖBELWERK, Germany · SEMPERIT, Austria · SILHOUETTE, Austria · STAHLGRÜBER, Germany · TGW Logistics Group, Austria, Germany, France, Spain, China, United Kingdom, USA · THYSSENKRUPP Automotive Systems (Porsche/BMW Leipzig), Germany · TDK Electronics, Austria, Czech Republic, China, Croatia, Malaysia · TRUMPF Maschinen, Austria · ZOLLNER Elektronik, Germany, Romania, Hungary · VERBUND Energy4Business, Germany · WIESENHOF Gruppe, Germany · and many more.



flex.



Wienerberger

+GF+

NEUMAN  
ALUMINIUM



Röchling

schüller.

Verbund

zollner



**H&H SYSTEMS**  
SOFTWARE GMBH

#### Headquarter

H&H Systems Software GmbH | Am Thalbach 23 | 4600 Thalheim bei Wels  
Phone +43 7242 890035 | office@ispro-ng.at

Development, Sales, Implementation, Helpdesk