



# Efficient and Reliable Handling of Hazardous Materials

## Add-on to the platbricks® WMS Pro

### Initial Situation and Challenges

Handling hazardous substances is strictly regulated by law because they can harm people and animals as well as the environment. Minimizing potential hazards is at the forefront of safe hazardous materials handling in the warehouse, in order picking, and transport preparation.

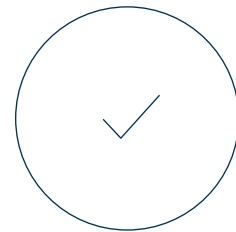
Depending on the type, quantity, and classification of the hazardous substances present, regulations according to TRGS 510 on the equipment and operation of the storage and picking areas must be observed. An overview of stocks and capacities, easy access to master data, and support for storage and retrieval enable permanent monitoring of all legal framework conditions and optimal utilization of warehouse space.

### Hazardous Materials Management with the platbricks® WMS Pro

With the add-on hazardous materials processing of our platbricks® Warehouse Management System Pro, all warehouse movements of hazardous materials can be reliably processed. The system considers the threshold values of the prescribed TRGS 510 and automatically ensures the correct utilization of the individual storage areas.

Thus, it is possible to maintain different storage areas and allow or prohibit certain hazardous substances' storage accordingly. This is because platbricks® automatically determines the combined storage prohibitions from your specifications. For this purpose, the hazardous material-specific master data must be entered with the regular material master data to provide the system with all relevant information for storage activities.

### Benefits



- **Effort savings:** Reduction of complex decisions and manual effort in the warehouse management of hazardous materials
- **Everything at a glance:** All quantity and transaction data can be clearly recorded and evaluated for each individual hazardous substance
- **Mobile processes** are included in the module
- **Completely from the cloud** as 100 percent software-as-a-service
- **Transparent cost model** and fast ROI





Through an algorithm for optimizing the storage bins, prohibitions on combined storage can also be lifted, and the warehouse can be used more flexibly. In addition, you can see how much of your hazardous materials are in all storage areas in your warehouse. The platbricks® WMS Pro aggregates the free storage bins for you for each dangerous material or each storage class in the entire warehouse across all storage areas.

## platbricks® Warehouse Management System Pro

The platbricks® WMS Pro covers all processes from goods receipt, storage, and picking to goods issue. Inventory processes can also be started intuitively via the control station and carried out quickly and digitally with the help of mobile apps. The system's standard modules also offer the option of adapting them individually to your needs and processes. The automation of warehouse processes can also be mapped via platbricks®.

For example, the system has components for connecting forklift control systems. Through the integrated material flow computer (MFR), you communicate directly with programmable logic controllers (PLC) and, thus, integrate your automatic material flow systems.

You can find more information about platbricks® WMS Pro on our [website](#).

You have questions, need information or a contact?  
Get in touch with us.

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## Core Functions

### Master Data Maintenance

- Hazardous material master data
- Storage area master data

### Storage

- Automated storage bin determination
- Consideration of mixed storage prohibitions and storage strategies

### Warehouse Management

- Stock overviews
- Aggregation of free storage bins according to hazardous material
- Analytics & Dashboard
- Compiling a fire brigade list

### Transport Preparation

- Creation of transport documents in accordance with hazardous goods legislation
- Digital checklists for safe loading
- Consideration of ADR (1000 points rule)

