

Logistics Platform

Effective storage management and timely delivery



amister.pl



Modern Logistics

Effective logistics management ensures optimised material and information flows both in storage operations and commodity distribution. Modern IT solutions for commodity logistics assist in varied processes, such as:

1. Just-in-time delivery of components from storage to production stations.
2. Monitoring material expiry dates.
3. Designing commodity placement in storage according to a particular strategy
4. Creating optimal transport routes from storage to production floor (for production processes).
5. Planning delivery sequences.

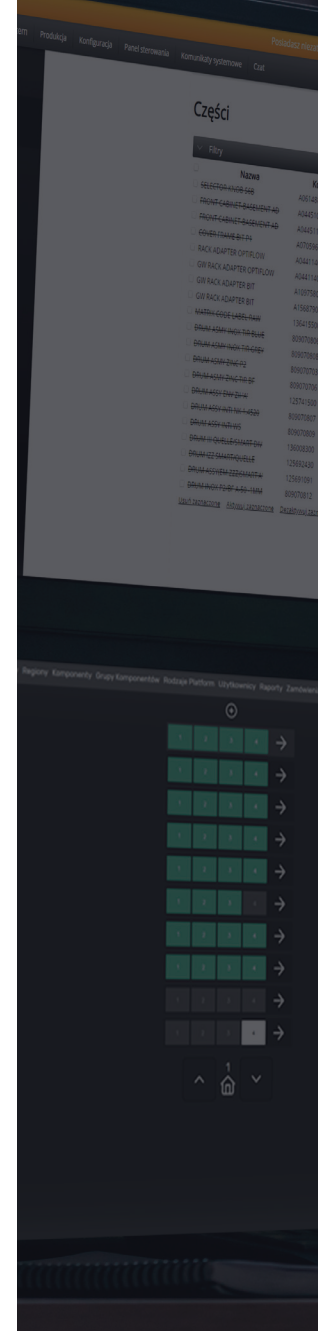
Why Choose Us?

Our Solutions

- Integration with various third-party systems, such as ERP (e.g. SAP), MES, WMS.
- Competitively priced.
- Web-based applications. Simpler to service, easy updating without production downtimes, reduced application maintenance costs, and multiplatform capability – available for mobile devices and more.
- Flexible and scalable – deploy the entire Logistics Platform or individual modules.

Our Team

- Extensive competences in integration with automation systems.
- Experienced in deploying Logistics Platform solutions in automotive, home appliance, food, and other industries.



Master Your Space

Order at the Production Line

- **Optimum use of space** – only components needed at the moment are at the production station.
- **Greater work efficiency and time savings** – workers focus on specific tasks, unnecessary walking, handling, and transport are minimised.
- **Improved efficiency** – through better use of staffing resources and more.
- **Streamlined delivery sequence management** – minimised line downtimes and queues.

FOR
PRODUCTION

Optimum Intra-Factory Buffer Management

- **Efficient monitoring and queuing** – materials are issued and received according to the LIFO or FIFO principle.
- **Faster finding of materials in storage** – with spatial visualisation of stocks, automatic location selection for platforms to be placed or picked up, extensive filters.
- **Monitoring product expiry dates** – automatic suggestions for issuing materials with the shortest expiry dates.
- **Ensured production continuity** – through constant monitoring of stock levels (online inventory) and many other features.

Spatial Visualisation of Stocks

Provides storage buffer management capability where issue date and sequence are paramount. This is a simplified WMS (Warehouse Management System) solution.

Example Capabilities

Designing material placement in storage.

Creating storage zones, regions, channels – accurate mapping of client's storage.

Platforms can be arranged according to different schemes, e.g. on one or multiple levels.

Clear graphical representation (2D and 3D) of storage space.

Optimum placement and pickup (according to your strategy, e.g. LIFO or FIFO).

Constant stock inventory – online storage inventory available at a click.

Solution customisable to the individual needs of your company – configurable platform pickup and placement algorithms, areas, regions, channels, components.



Why Choose Us?

- 1 Web-based** client-server application.
- 2 Scalability** — the solution can be implemented as a single module, combined with other Logistics Platform elements, and integrate with third-party systems.
- 3 Security** — user rights management.
- 4 Intuitive interface** — clear isometric or bird's eye view presentation, large buttons and sliders that can be handled in gloves, easily readable letters and characters for easier operation by visually impaired persons.

Just-In-Time Materials Distribution

With our solution you can optimise material transport from storage to production line, in accordance with the JIT principle. The system ensures order is maintained at the production line by supporting effective delivery sequence management and minimising downtimes and queues.

Example Capabilities

Configurable storage and receipt stations.

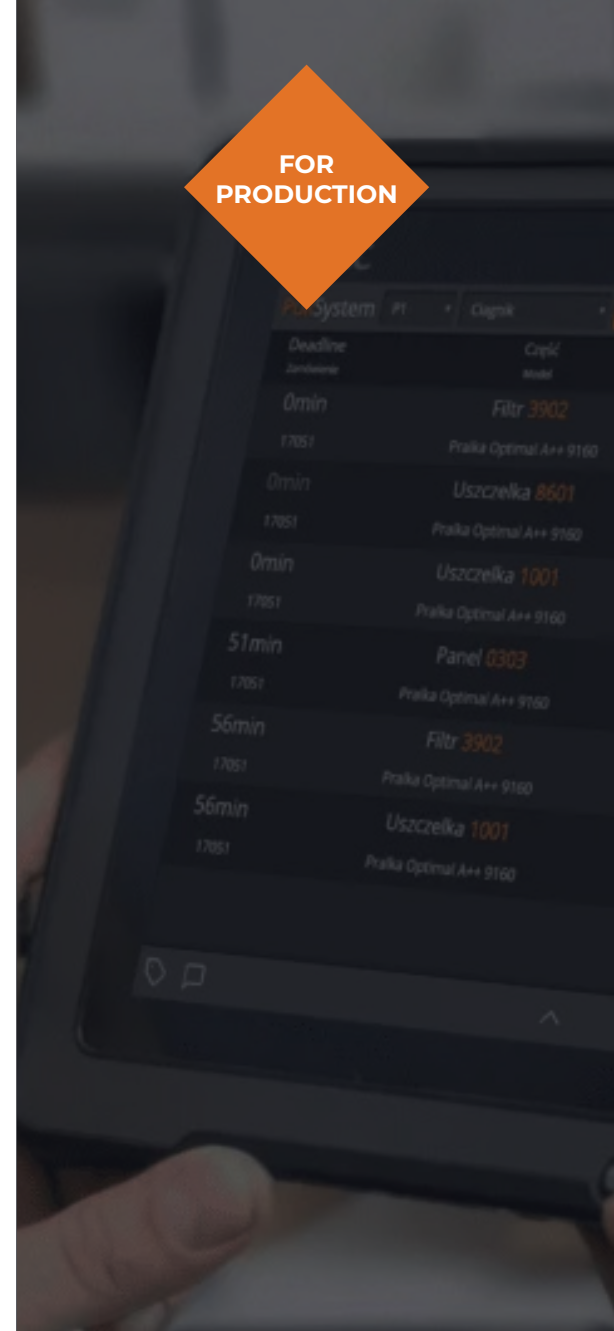
Intra-system communicator for operators.

Calculating actual materials demand based on production counters, current component stocks at stations, and production plan.

Clear graphical representation (2D and 3D) of storage space.

Clear display of current demand on tablets installed in component delivery trucks.

FOR PRODUCTION



Why Choose Us?

1

Reduced material delivery costs between storage and production space.

2

Reduced excess stocks at production stations.

3

Order maintained at the production line.

4

Time savings and improved efficiency through better worker time management, elimination of queues, and more.

5

Integration with third-party ERP systems (including SAP), WMS, MES.

6

Scalability – the solution can be implemented as a single module, combined with other Logistics Platform elements, and integrate with third-party systems.

7

Security – user rights management.



amiSter

■ solutions for the industry

Contact

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