

Intelligence for your terminal

Artificial Intelligence for rail transport



Authorized partner:

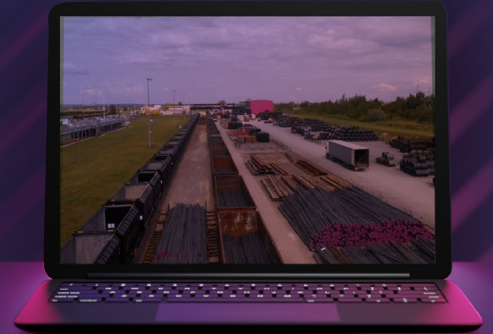
Meet Pinguark

Comprehensive system for servicing intermodal terminals

Create an intelligent terminal in the cloud

The first stage of activating Pinguark's system in the terminal is to create a map of the terminal in 3 dimensions. It is an intuitive and simple task that does not require the support of external experts. A dedicated module will allow you to create an unlimited number of locations and storage zones.

- Activate the system in 5 minutes
- Design the terminal in the application
- Develop a model of the terminal's operation and shape processes



Optimize costs and logistics processes in the terminal, thanks to artificial intelligence

Pinguark uses artificial intelligence algorithms to continuously monitor logistics processes in terminals, including actions taken by employees in real time.

- Fully use the terminal's space
- Reduce costs by up to 50%
- Observe an increase in efficiency of up to 25%



Intermodal transport becomes intelligent - increasing efficiency and optimizing key processes thanks to Pinguark's UWB sensors.

By using Pinguark's UWB sensors you can significantly increase the productivity, efficiency and accuracy of logistics processes in terminals. Thanks to the Pinguark system, you will accelerate the digitization of your intermodal terminals:

- put Artificial Intelligence and advanced algorithms to work
- automate key processes
- use the mobile application
- transfer the terminal to the cloud and do not incur the costs of purchasing and maintaining the server infrastructure



Tasks and functions of the Pinguark system

Examples of Pinguark system modules implemented in Laude:

Office

Preparation of container and file releases with notices to drivers | Notification of deliveries, file imports from contractors, EDI, creating manual releases | Verification of non-compliance of goods received | Records of warehouse inventory with owners and the ability to edit attributes | Document management | Management of attestation | Generating different labels | Managing blockades of goods and containers | Terminal maps, the ability to quickly search for goods, view the location of employees using UWB sensors.

Customer portal

Possibility of goods notification | Inventory viewing | Creating a goods release order | Photos of the goods.

Gates

Notification of drivers | Info kiosk where drivers can confirm their arrival | Application for drivers to provide information about the planned arrival | Vehicle weighing at entry and exit | Management of barriers, cameras for OCR of license plates, communication screens, scales for automatic weighing | Insight into the current progress of loading or unloading | Vehicle history.

Yard

Container, freight and train receipts | Handling of returns | Container, freight and train releases + additional services | Repacking and splitting parcels | Vehicle verification | Transfers | Inventory | Verification of the correctness of work by managers | Container management | Management of bulk goods | Commodity information | Location management.

General processes

Contractors' management | Document importers | Customer administration | Freight cars' and machinery condition management | Screens dedicated to contractors

Modules of the system

Commodities - a module that allows for accurate tracking of the movement of goods.

Receipt and picking of orders - a module that allows advanced artificial intelligence algorithms to develop optimal logistics processes

Terminal maps - the module allows you to create accurate maps of intermodal terminals.

Application wizard - the module allows for full modification of the system user's interfaces.

Our API - Interface

Thanks to the API module, you will be able to quickly and easily integrate the PINQUARK system with other programs - the process does not require support from external specialists. Among the key benefits that you will gain by implementing an API-based WMS system, you can find:

- access to an unlimited amount of warehouse data in real time,
- the ability to quickly generate warehouse data
- no need to implement new accounting or financial systems.

Case Study



Laude Smart Intermodal SA is a dynamically developing company offering transport and logistics services. Thanks to the implementation of the PINQUARK system, the supplier has e.g. significantly shortened the implementation time of key logistics processes, reduced costs and completely eliminated printed documents at selected stages of the supply chain. The new WMS system has also allowed to increase the level of automation in the modern Laude Logistics Center located in Poland.

The effects of implementation in numbers:

- increasing the speed of releasing goods by 32%;
- shortening the time of releasing goods by 17%;
- increasing the efficiency of employees at the unloading / loading yard and in the warehouse by 35% thanks to the use of UWB sensors;
- reducing the time spent by trucks at the unloading / loading yard from over an hour to 15 minutes



Meritus Systemy Informatyczne Sp. z o.o.

70 Prosta Street, 00-838 Warsaw
NIP: 118-209-42-36
REGON: 146836567

E-mail: office@pinquark.com
WWW: www.pinquark.com

SINCOS Group Srl

Via Panciatichi 38/5
50127 FIRENZE

Tel: [0550752333](tel:0550752333)
Email: info@sincos.it