



Vehicle management in LOGISTICS CENTERS



Vehicle automation technology can be made available in the logistics industry and give it competitive advantages. Logistics centers can get automatic access control with minimal involvement of security personnel of the project.

The Universal ANPR system was designed to organize traffic through a checkpoint of a logistics center in Prague. As part of the security system, through the license plate recognition unit, it controls the order of providing access for entering and exiting the territory, controls visitor traffic and prevents unauthorized persons and vehicles from entering the territory. Let's review some cases based on the server-based NumberOk software which was implemented by FF Group partner Aryka-in-West s.r.o.



Main customers:

- Logistics centers



Customer needs:

- Collection of recognized license plates for statistical purposes.
- Entry/exit security control with semiautomatic functionality (residents are handled automatically, unknown cars are handled by guards).



Additional functionality:

- Speed check within selected points.
- Time limit check.
- Web interface for multi user operation.
- Advanced reporting functionality.

What do you need:



Number OK
as base backend SW
(running as a service)

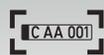


IP-cameras installed
at entry/exit on selected points
for speed check



An additional customized
application with a web server
(multi user access into the system).

Benefits:



License plate
recognition

Accuracy:
above

>95%

Advanced
barrier
management



Traffic and parking
statistics collection
and analysis



Manual
and automatic
reports

Black/
white list



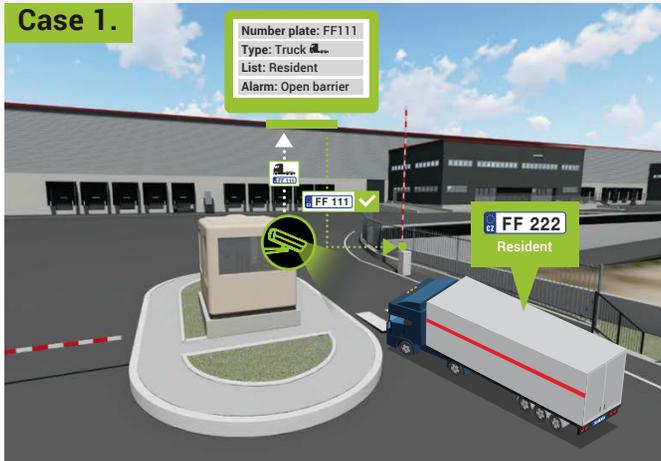
Web interface
for multi user access



Customized
solutions on demand

Case description:

An entrance has two lanes with barriers. One is for residents of the logistics center; the other is for unknown vehicles (trucks, deliveries, etc.). If a resident comes, the barrier is opened automatically. If an unknown vehicle comes, guards are automatically notified of the license plate through the web interface.



The license plate is automatically filled into a handling form (with visual and audible notification of the incoming vehicle) where guards only add contact details and the purpose of the visit. If guards confirm entry, the barrier is automatically opened and vehicles can enter. If a blacklisted vehicle comes, guards get this warning and decline the vehicle without opening the barrier. All operations and movements are also available in managers reports on demand.



Cases of using the system

Case 1. Residents can leave the logistics center automatically. If vehicles are registered on entry without any other restrictions they can leave the territory automatically.

Case 2. Residents can't leave the logistics center automatically. If there are some restrictions, such as a loading problem reported by another user via the web interface, or a speed violation is detected, the vehicle is stopped on exit and the problem is resolved by the guard.

Partner comment:



Jakub Sevcik,
Project Manager, Aryka IN-WEST a.s.

Our last project with the FF Group team allowed effectively organized traffic through a checkpoint of a logistics center in Prague. We decided to improve the automation process at the logistics center by integrating NumberOk LPR software into its Access

Control system. This helped to secure control at the checkpoint and reduce the time required to pass through it. Moreover, it became possible to organize speed control through the territory of the logistics center.

**Customize
Your Needs**

We know how to make Access Control part of your projects both useful and cost-effective. Use FF Group's expertise and make sure to discuss your customized product with our sales team n.osypova@ff-group.org!



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