

The logo for Entringo, featuring the word "entringo" in a white, lowercase, sans-serif font. A vertical line of three teal dots is positioned above the letter 'i'.

entringo

A large, bold, white and teal text overlay on a dark, dimly lit parking garage. The text reads "A smart ticketless parking and access control". The words "ticketless parking" and "access control" are in white, while "A smart" and "and" are in teal. The background shows a perspective view of a parking garage with rows of parking spaces, pillars, and overhead lighting.

A smart  
ticketless parking  
and access control



**Entringo is a ticketless parking and access control solution designed for traditional paid parking, private parking and general access control.**

**The system offers access and payment management capabilities, as well as reporting, statistics and other features aimed at easing your parking management needs.**



# Why Entringo? It's:

## Automated

Entringo's ability to identify number plates provides major benefits. It enables easier automation of the parking process and integration with third-party systems, reducing costs for the operators and adds simplicity and ease of use for the driver.

## Ticketless

Tickets can be related to a number of issues in parking, starting from hardware jams to higher need of maintenance. In addition to technical and operational challenges, they may also cause difficulties to customers if they are lost or damaged. By eliminating the tickets altogether, we allow for a more seamless experience, as well as lower total cost of ownership (TCO) and faster return on investment.

## Safe & Secure

Built-in algorithms offer a high level of recognition quality and adaptability to each unique environment. Together with our anti-fraud logic, we minimize the risk of cheating and access by unwanted vehicles.

## Easy to Use

Entringo has been designed to be user friendly from the ground up, starting with the hardware to the software running in our devices and management system. The drivers are informed during every step and system managers have a constant overview of the overall parking lot state. Information sharing is context based, ensuring that the relevant messages are shown at the correct time.

## Scalable

The architecture of the system is scalable and does not need heavy investments to expand. The necessary components, such as entry, exit and/or payment points can be added without changing the foundation of the system. It is designed to work either on-premise in one location or as a centralized system allowing you to connect multiple sites to one cloud system and manage these areas centrally.



# Solutions



## Paid parking

With the automatic number plate registration, parking fee is calculated automatically based on the time spent in the parking lot. The driver can pay directly at the automated payment stations, or get invoiced on a monthly basis.

Paid parking includes the following parking types:

- **Short-term Parking** - after a visit, the driver pays at the automated payment station or using a 3rd party payment service (such as a mobile app) that can be integrated using our API.
- **Long-term Parking** - when a long-term parking access is needed (eg. for 7, 14 or 30 days) a flat-fee contract can be concluded that allows the driver to enter and leave the parking lot without stopping at the payment station. Parking spots can be reserved for customers who conclude such a contract.
- **Contract-based Parking** - Instead of paying after each visit, contract customers have the option of being invoiced based on the actual hours parked. The parking operator then exports the summary and invoices the customer. This option makes it possible to conclude multiple contracts and define concurrent parking spots, where the number of cars allowed to park simultaneously is limited to a previously specified number. (eg. 100 cars are specified in a contract, but 10 are allowed to be parked at the same time).



All of the above mentioned options can coexist in a single system.



## Office parking

Entringo offers contract based parking management designed specifically for office building parking lots. Individual conditions can be customized for each tenant using the parking lot.

Paid parking includes the following parking types:

- **Contract-based management** - each tenant of the office building has an individually defined contract.
- **Individual tariffs** - tariffs can be set individually for each customer
- **Concurrent parking space counting** - a specific amount of parking spaces can be defined for each customer and managed by defined rules (eg. 100 contracts, but 10 reserved parking spaces).
- **Reporting** - the system generates summaries that are used to bill the customers. Calculations are based on actual parked time.
- **Individual limited access** - customers have access to a dashboard where they can see their account-related data, manage their vehicle lists and generate parking reports.
- **Guest parking** - guest parking permits can be created by the customers and added in the billing if agreed.



## Access control

The system can be used to easily control the access of listed vehicles.

Entringo offers the following access control features:

- **Number plate-based access** - vehicle plate number is the main identification
- **Access permits** - vehicle access permits can be made for access to individual areas and zones for a specified time
- **Blacklist** - vehicles can be blacklisted with individual messaging on the entrance info screens.
- **Additional requirements can be developed and adapted** - Vehicle brand and color can be added as additional identifiers for access control



# The System

**Entringo combines software and field devices. The system has been built up as a flexible platform starting from the modularity of the hardware to the straight forward management in the software. The sole goal in designing and creating the hardware was user-friendliness, modularity, ease of maintenance and visual design. The field hardware can be combined in different setups and helps to create a unique solution for each individual case.**

Entringo software is modular in a similar way allowing easy expansion of the system. It can be used as an on-premise solution but can also be used as a cloud solution connecting each individual parking lot remotely. If necessary, it can be backed up both locally and also in the cloud ensuring redundancy of the parking lots in every situation. System users can be given specific roles allowing different types of access from operators to the end customers that need to manage their own personal vehicle lists.

One of the main advantages of Entringo is that the software architecture is built to be independent of hardware meaning that the system is future proof, allowing easier integrations of custom hardware and ensuring that in case of any changes, it will remain to be supported for the lifetime of the system.



## Pay Station

**Allows on-site payment for short and long-term parking.**

The device is modular and features an intuitive touchscreen interface with different payment methods in a weatherproof housing designed for both indoor and outdoor use.

### **Key Features**

- Modular concept housing
- Touchscreen UI (multitouch)
- Modular payment system, which includes card, coin recycling and notes
- Double point locking and heavy-duty hinge mechanism
- 2D imager for QR/Barcode
- Multi-language interface
- Context-based help for the end-users





## Lane Terminal

### Shows guidance and information to the driver.

Including the status of the detection and access process, vacancy information of the parking lot and the license plate information that is detected during the entry/exit.

#### Specifications:

- Access point information and guidance
- Space counting information
- Weatherproof housing
- High brightness sunlight readable LCD display
- Custom messaging with up to 8-lines of text



## Access gate

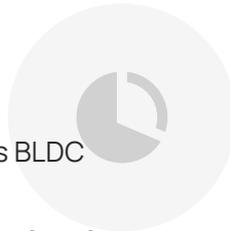
Fast and efficient barrier gate with brushless BLDC motor.

### Specifications:

- BLDC motor – quiet and smooth operations
- 3m/4m barrier arm option
- 4-speed settings – max. 1.5 seconds
- Built-in controller
- Manual open
- Auto open during power failure as standard
- Low maintenance need (easy maintenance)

### Optional

- LED lighting (Green/Red)
- Swivel arm kit for low ceiling indoor installations
- Bar rebound sensor



# Software & User Interface



The software is designed to combine all the necessary elements into one complete system.

This makes it scalable for different business cases, from a simple parking lot to complex parking network operations. With Entringo you can choose between a cloud-based parking management software or an on-premise server platform.

- **Dashboard**  
an overview interface for parking operators/ administrators, displaying information of the current parking status, vehicles parking, access gate live view and control and management of vehicle number plate information (plate corrections).
- **Logs**  
overview of system logs, events and errors by devices and components.
- **Entry list**  
section for pre-approved listed vehicles that are allowed to enter the parking premises and are prevalidated, managed by vehicle number plates.
- **Black list**  
section for vehicles that are prohibited to enter the parking premises, managed by vehicle number plates.
- **Tariff management**  
flexible tariff management by the hour and day separation.
- **Customer management**  
management of tenants, vehicle lists and tenant-specific tariffs
- **Reports**  
parking, financial/payment and tenants reports



The team behind Entringo has 20+ years of experience working with parking solutions in the Baltics. Created as a spinoff from a leading technology company, Entringo aims at fulfilling customers' needs for a flexible, fully automated parking, access control and guidance platform.

The story of Entringo started back in 2004, with Pay and Display parking, followed by closed area parking two years later and self-service payments in 2008. Leading to a fully automated vehicle license plate recognition (LPR) based platform development.

Today we are offering a state of the art parking and access management platform with various options for integrating with third-party solutions. We listen to our customers and offer tailor-made solutions.

Contact us to find out more.

[sales@entringo.com](mailto:sales@entringo.com)

[entringo.com](http://entringo.com)





**Interested?  
Let's talk.**

[sales@entringo.com](mailto:sales@entringo.com)

[entringo.com](http://entringo.com)