



Sesam-e
your ultimate gate operator

Product Brochure



Sesam-e is an ultimate solution for monitoring and controlling the gate flow of vehicles in car parks, corporate campuses and similar areas commonly used for the statistical evaluation, fees collection or entrance regulations. Sesam-e is a comprehensive all-in-one solution based on the world's leading license plate recognition (ANPR/LPR) engine Carmen. It has unique capabilities that other similar systems do not offer. Sesam-e's easy integration and expansion make it an outstanding yet affordable solution for almost any use.



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try Sesam-e online demo

<http://demo.sesam-e.com:5280>

Login as demo/demo

and discover the simplicity and power of Sesam-e



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Why Sesam-e?

Unbeatable versatility makes Sesam-e world's preferred solution

Sesam-e uses world's best known engine for ANPR (LPR)

Sesam-e uses Carmen ANPR engine for it's outstanding capabilities in reading plate characters, colour, and country specific elements.

Sesam-e detects plate country and plate colours

Plate country and colour are important differentiators of license plates in certain regions. Sesam-e works with these differentiators to distinguish the plates of different countries and regions.

Easy to use interfaces are powered by modern technologies

The user interface of Sesam-e is web based application that does not require client side installation. Anyone who is able to browse web pages would be able to operate the interface of Sesam-e.

Single gate, centralised or integration versions of Sesam-e

No matter whether single gate or tens of gates are being deployed. Sesam-e may be installed at central server providing service to many gates or may be installed at one PC at the gate itself. For integrators a server API is available.

Sesam-e does not necessarily require any road-bed installations

The biggest concern of premise owners is that some devices for triggering have to be installed in the road surface. With Sesam-e you may choose a SW triggering and relax.



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How it works?

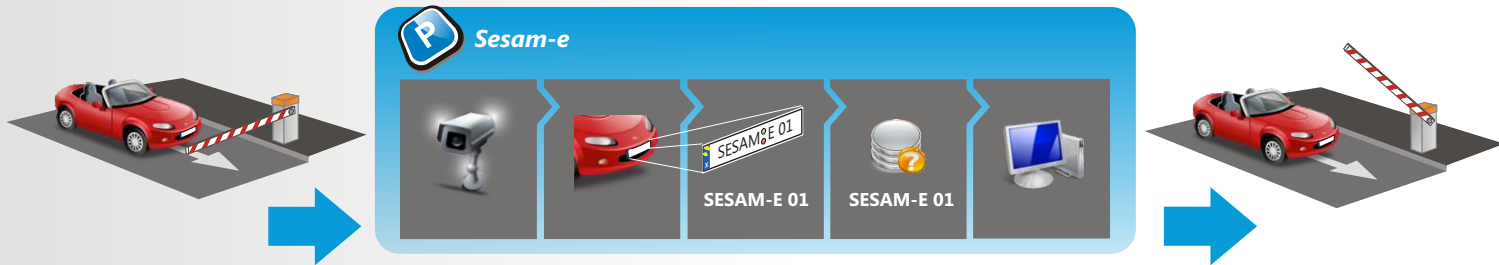


Image acquisition

Video stream from a camera is received by PC located at the gate running Sesam-e camera processors. The SW detects the presence of a vehicle approaching the gate and prepares the image for license plate reading. The presence detection can be done by HW (detection loops) or by software (video analytic).

Image processing and plate reading

Once the camera processor acquires proper image with a vehicle on it, it sends the image to ANPR engine for plate reading. The plate reading engine returns to Sesam-e server the information about the plate consisting of plate number, plate country, plate colour, plate dedicated area colour, and other analytical and statistical information about the recognition.

Results evaluation

Sesam-e server then evaluates the result of the ANPR engine and looks into database of the registered vehicles. Then, based on the registration data, Sesam-e server applies certain scenario that matches the status of the vehicle registration. The scenarios may be – Automatic gate opening, manual decision about gate opening, banned vehicle, vehicle present at wrong gate and other.

Gate actions

Based on the evaluation of results, Sesam-e displays result in a web browser of gate operator. If no automatic action is associated with the particular scenario, the gate operator is responsible for doing it manually. Automatic actions are handled by Sesam-e by sending operational commands to the gate devices over an IP network.



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User interface

Sesam-e is client – server based software. Gate operators and system administrators access Sesam-e through a web browser. That means it can be accessed on any PC or mobile device connected to the same network as Sesam-e server.

Live gate view

Live view is interface for gate operators where they can see the result of plate reading and vehicle registration status. It allows to add additional information about vehicle, look for a particular vehicle in the registration and manually operate the gate if needed.

Archive

In archive, all information about passages are stored along with either automatic or manual action taken. Sesam-e archive enables to search the particular plate, filter the passages by date and time and much more. The filtered list of passages can be exported into Excel sheet for additional analysis. Custom report can be also developed upon customer request.

Vehicles registration

Registration is essential when an automatic action of Sesam-e is required. Vehicles are registered by their license plate number, country and colour. Once the vehicle is registered, additional information as driver name, company or allowance rules may be stored for every registered vehicle. Such information is presented to gate operator at the vehicle arrival.

User management

User management is a system function for registration of every user of the Sesam-e. Adding a user into group enables the system functions to the users based on the role they have. There are three roles - gate operator, vehicle registrant, system administrator.





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Deployment tips

Paid & public parking

Keep evidence of every vehicle that entered the parking. With the precise time stamps, you will have evidence of entry and exit times. Based on that a fee can be collected. Your customer will no more have to worry about losing their parking ticket – Sesam-e is ticket-free solution not requiring any consumables.

Do you remember situation when a car before you cannot find a ticket and there is a queue forming behind? This annoying situation will never happen again using ANPR based Sesam-e.

Do a courtesy to your VIP customers and register them so they can enter conveniently at any time with no obstacles

Residential, company & compound parking

Are you expecting guests and want them park in the parking of your building? Just register their plate number for temporary access and the gate will welcome them by opening automatically.

Have you ever tried to search for a vehicle entry in the hand written record books? Now with Sesam-e you can find any vehicle passage within just few clicks.

Factories & loading docks

Control your trucks and delivery cars by time stamping on exit and return to your facilities, measure the journey duration and evaluate efficiency of delivery service time.

Link a truck that was loading the goods in your factory to the delivery note. Not a better way how to do it than automatically register and link into your system.





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Deployment tips

Public & government transportation

Register the in-operation times of your buses, taxis and other public transport vehicles. Time stamping on exit and during returning from the operation will do a major work. In addition with Sesam-e customised reports you have it few clicks away on your monitor. Exports into Excel helps you to keep the record you need and you may do further analysis.

Hotels & services

Allow the gate open automatically for your guests at any time without need of any additional card. Just look for their plate number in the registry and define the duration of their stay. Your guests and visitors will appreciate the service, especially in the overcrowded places. Avoid unwanted long term parking by limiting access to your guest and staff vehicles. Any vehicle that overstayed the predefined time may be forbidden for future access.





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your provider

