



**Sesam-e**  
your ultimate gate operator

# *Product presentation*



*Sesam-e is a comprehensive gate operating system  
delivering best value for price in the market*



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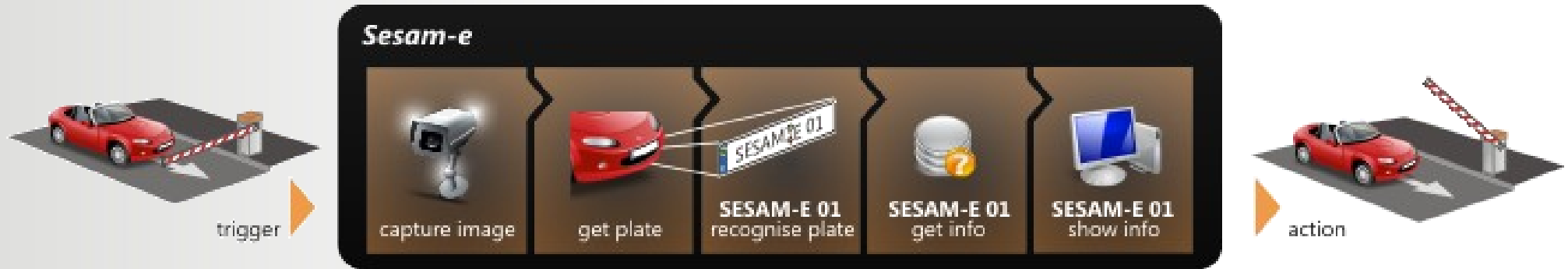
# *What is Sesam-e*

- Controlling access based on license plate recognition
- Automatically opens to the registered vehicles
- Stores all passages and images into database
- Logs all actions performed by operator



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# How Sesam-e works



1. Vehicle approaches a gate
2. System detects vehicle presence
3. Image of vehicle and license plate is taken
4. Part of the image with license plate is extracted
5. License plate image is send for recognition
6. Recognised license plate is validated against database
7. Results are presented to operators
8. Actions are taken based on scenario



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# Who may use Sesam-e



## Operator

Allows entries  
Visually checks vehicles  
Registers visitors  
Solves alerts



## Tenant / manager

Registers visitors



## Security

Solves alarms  
Supervises regulations  
Executes forensic research



## Receptionist

Allows entries  
Registers visitors  
Allocates parking lots



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# Deployment tips



## □ Parking

- Paid
- Public

## □ Residential zones

- Residential complexes
- Villas



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# Deployment tips



- Transport and industry
  - Storages and loading docks
  - Industrial zones and factories

- Public transport
  - Taxi stations
  - Bus stations



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# *Sesam-e contributions*

- Guard cost reduction
- Increase of traffic flow
- Control of traffic flow
- Parking and other fees collection
- VIP seamless access
- Statistics, reports and alarms management
- Security improvement



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# *Under the hood of Sesam-e*





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# *Sesam-e capabilities*

- **Sesam-e uses world's best recognised plate reading**

You won't believe your eyes

- **Sesam-e detects country and colour of license plates**

Welcome your international traffic

- **Simple interfaces and advanced technologies**

Start using Sesam-e immediately

- **Software trigger**

Don't bother with road installations



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# *Sesam-e versions*

- **SINGLE version of Sesam-e**
  - box version
  - for 1 gate
  - up to 2 lanes
  - local installation
  
- **PRO version of Sesam-e**
  - for bigger deployments and project
  - multiple gates with interconnected data
  - unlimited lanes
  - central installation



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# Recognition capabilities

- ANPR of Sesam-e detects:
  - Country
  - Colour (including special area)
  - Prefix of plates (where applicable)

Unique capabilities  
in comparison with competitors

Accuracy  
Completeness  
Responsiveness

Plate text

**6 - 50511**

Plate colors

Background



Foreground



Dedicated



Plate type

UAE\_AbuDhabi (6214)

Breakdown

6	5	0	5	1	1
99	100	99	100	99	97

Crop





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# *User interface*

- Fully web-based interface
  - Clear and intuitive
    - User in all roles may start working immediately
    - Nothing to be installed into web browser
    - Support of various web browsers



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# UI - at the gate

The screenshot displays the Sesam-e Live client interface. At the top left, the logo and text "Sesam-e Live client" are visible. On the top right, there are navigation buttons for "Live" (highlighted in yellow), "Archive", "Vehicles", and "Users", along with "Manager" and "Logout" links. The main interface is divided into two columns, each representing a lane.

**Left Lane (Lane 1):** The title is "Location / Lane 1 (in)" with a timestamp of "14:53:53". The video feed shows a red bus stopped at a closed barrier. Below the video is a "Passage info" section with a blue background, containing a license plate field "K - 42135", a location dropdown menu set to "UAE\_Dubai", and a "Search" button. Below this are input fields for "Driver's name:", "Organization:", "Custom 1:", "Custom 2:", "Reason for entry:", and "Note:". At the bottom is a "Gate control" section with three buttons: "CANCEL", "OPEN", and "DENY".

**Right Lane (Lane 2):** The title is "Location / Lane 2 (out)" with a timestamp of "14:54:46". The video feed shows the same red bus moving past an open barrier. Below the video is a "Passage info" section with a red background, containing a license plate field "G - 72510", a location dropdown menu set to "UAE\_Dubai", and a "Search" button. Below this are input fields for "Driver's name:" (with "Driver" entered), "Organization:", "Custom 1:", "Custom 2:", "Reason for entry:", and "Note:". At the bottom is a "Gate control" section with three buttons: "CANCEL", "OPEN", and "DENY".



# UI – archive of passages

**Sesam-e Archive** Kamil El-Kashif | Logout →

Live Archive Vehicles Users

**Search options**

From date:

To date:

Plate text/type:  -

Filter by:

### List of passages

Date	Plate / Type	Driver / Custom 1	Org. / Custom 2	Location	Lane	Direction	Reason	Status	Action / Operator
19.12.2010 14:54:41	K-55268 UAE_Dubai			Location	Lane 2	out		Not Registered	Allowed by Kamil El-Kashif
19.12.2010 14:54:37	D-92696 UAE_Dubai			Location	Lane 2	out		Not Registered	Allowed by Kamil El-Kashif
19.12.2010 14:54:32	F-91822 UAE_Dubai			Location	Lane 2	out		Not Registered	Cancelled by Kamil El-Kashif
19.12.2010 14:54:28	J-22494 UAE_Dubai	Driver	Cement corporation	Location	Lane 2	out		Registered	Cancelled by Kamil El-Kashif
19.12.2010 14:54:24	F-91342 UAE_Dubai			Location	Lane 2	out		Not Registered	Cancelled by Kamil El-Kashif
19.12.2010 14:54:20	F-91822 UAE_Dubai			Location	Lane 2	out		Not Registered	Cancelled by Kamil El-Kashif
19.12.2010 14:54:12	I-25194 UAE_Dubai			Location	Lane 2	out		Not Registered	Cancelled by Kamil El-Kashif

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# UI – vehicle registration

**Sesam-e** Vehicles and permissions Kamil El-Kashif | Logout

Live Archive **Vehicles** Users

### List of registered vehicles

[New](#) [Delete](#)

Plate	Driver	Organization
K-47651	Driver	Bus corporation...
D-93428	Driver of unwanted plate	Bus corporation...
G-72663	Driver	
L-10213	Driver	
K-16462	Driver	
I-21538	Driver	
G-72510	Driver	
K-42137	Driver	
G-72637	Driver	
G-72752	Driver	
K-73053	Driver	
I-44515	Driver	
K-76897	Driver	Our transportati...
L-95306	Driver	G4S Security
J-22494	Driver	Cement corpora...
J-89155	Driver	Bus corporation
H-47479	Driver	Superior mainte...
K-42138	Driver	Our transportati...

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### Vehicle identification

License plate number: L - 95306  
License plate type: UAE\_Dubai  
Name: Driver  
Organization: G4S Security  
Custom 1:  
Custom 2:  
Send email on passage to: security@ourcompany.com  
Last change by System administrator, 18.12.2010 13:30

### Permission

Allow passage  Do not allow passage  Manual decision

### Permissions

	from	to
<input type="checkbox"/> Limited validity		
<input checked="" type="checkbox"/> Monday	00:00	24:00
<input checked="" type="checkbox"/> Tuesday	00:00	24:00
<input checked="" type="checkbox"/> Wednesday	00:00	24:00
<input checked="" type="checkbox"/> Thursday	00:00	24:00



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# *More information*

General info

[www.sesam-e.com](http://www.sesam-e.com)