



**vit**  
raising technologies™

# Overseer Traffic



HIGH-SPEED DISTRIBUTED NUMBER PLATE  
RECOGNITION SYSTEM

# About Overseer Traffic

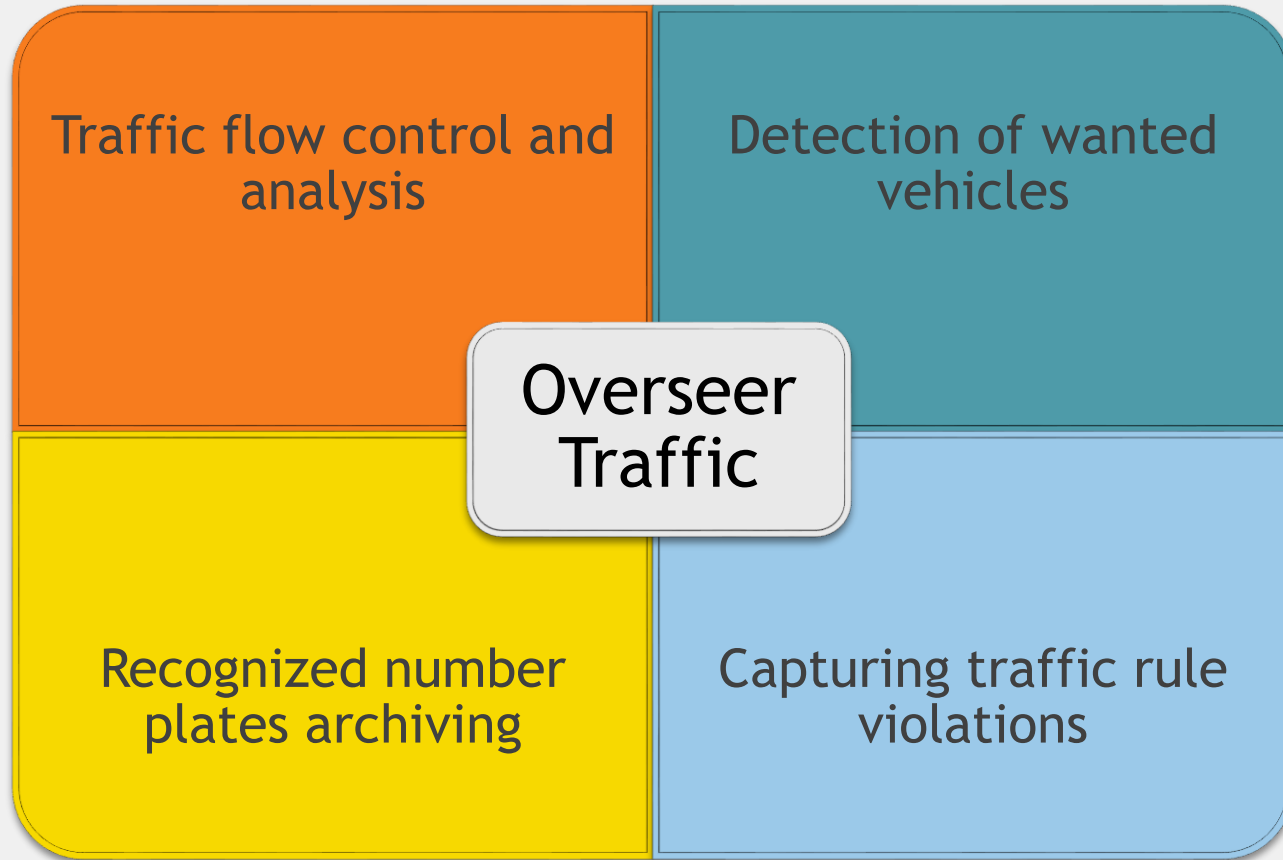


Overseer Traffic has a number plate recognition speed - 25 fps. It allows to use Overseer Traffic in places with heavy traffic, at intercity and international routes, where cars move at the very high speed.

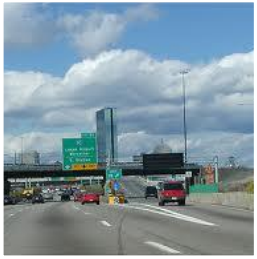
Overseer Traffic fully uses the opportunities of contemporary multi-core processors, allowing to use hardware resources efficiently. It supports full cascading, during which some servers are in charge of data gathering and primary processing of this data, while other servers carry out reports generation, archiving and other functions.

Overseer Traffic improves the reliability of system functioning in general and its fault tolerance. Embedded monitoring system of video surveillance network integrity, gives signals about problems in real time, allowing to localize the fault and to solve the problem in the shortest terms.

# Tasks Solved by the System



# Fields of Application



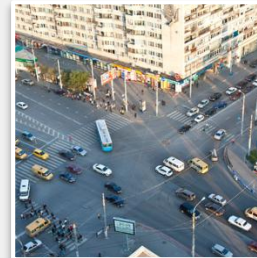
Roads



Checkpoints



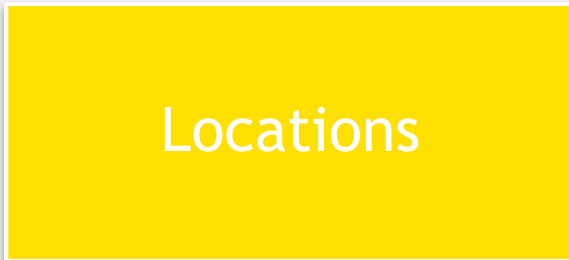
Flyovers



Crossroads and  
interchanges



Locations



Stationary road  
police posts



# Features



- Operational surveillance of traffic, statistical data gathering and analysis



- Multi-level access to the system



- Maintaining a recognized number plate database



- Wanted vehicle list creation

*Operational adding vehicle to the wanted database*



- Detailed statistics and event list



- Visual and sound notification of an operator



- Organization of mobile surveillance and recognition posts

*Automatic database update on posts*



- Report creation and export



# Technical Characteristics



Recognition coefficient  $\geq 96\%^*$

Frame processing time  $\leq 16$  ms

Plate number recognition  
time  $\leq 2$  ms

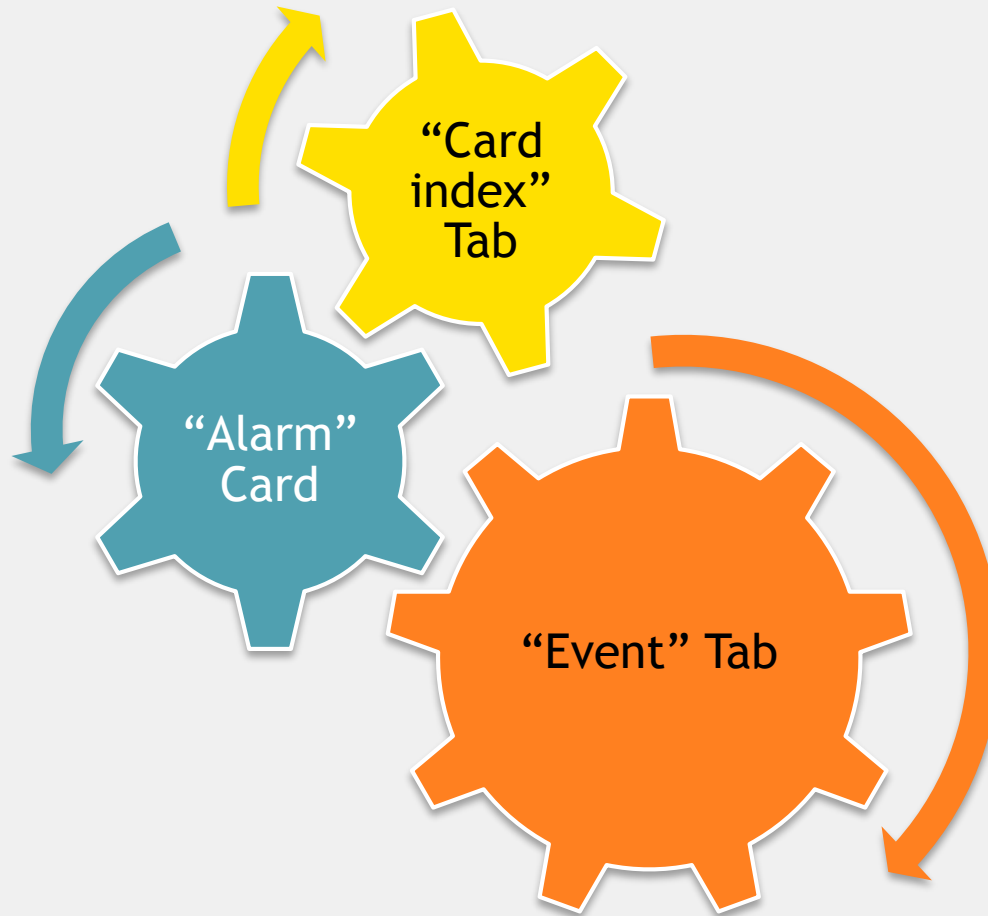
Number of plates recognized at  
the same time in one frame: up  
to 10 pcs.

\*The result was obtained in an open independent testing at the "Interpolitex" exhibition in 2007 in single-channel mode for the recognition of license plates of Russia (PRO System CCTV №05[29] 2007 September - October)

# Supported Countries



# How Does It Work





# “Event” Tab

All events list

Details about the chosen event

Quick wanted car filtration

Quick access to the car history

Export of the whole event list and different reports

Overseer Client

Event Card index

13:36 18 Apr AA2857AA  
AA 2857 AA

13:36 18 Apr AX9749AA  
AX 9749 AA

13:36 18 Apr 66549KT  
665-49KT

13:36 18 Apr AI5943AK  
AI 5943AK

13:36 18 Apr AA8521CB  
AA 8521 CB

13:36 18 Apr AE3212AA  
AE 3212 AA

13:36 18 Apr AA4959AP  
AA 4959 AP

13:36 18 Apr 15808XO  
158-08 XO

13:36 18 Apr AB5322AK  
AB 5322 AK

History of the license plate processing  
post: post #1 18.04.2011 14:40:38  
Alarm

Wanted History Filter Receive Cancel alarm Print Export

Number of entries: 74

# “Card index” Tab

All wanted vehicles  
list

Details about the  
chosen wanted  
vehicle

Filtration by violation  
types

Overseer Client

Event Card index 15:47

35309ДО ЗАЗ 968	ШАХТАРСЬКЕ МРЕВ ДОНЕЦЬКОЇ ОБЛАСТІ	Постанова ДНЗ	X4448AE ВАЗ 21011 Постанова ДНЗ 18.04.201...
Ц6768ДО ВАЗ 2121	ДОНЕЦЬКЕ МРЕВ-3	Постанова ДНЗ	
Ц0052КР ЗАЗ 968	СІМФЕРОПОЛЬСЬКЕ МРЕВ АРК	Постанова ДНЗ	
X6193ДО ВАЗ 21063	ХАРЦІЗЬКЕ МРЕВ ДОНЕЦЬКОЇ ОБЛАСТІ	Постанова ДНЗ	
X4448AE ВАЗ 21011	ДОНЕЦЬКЕ МРЕВ-1	Постанова ДНЗ	
Ф9662КИ ВАЗ, 2101	ВДВС ДЕСНЯНСЬКОГО РУЮ М.КИЄВА		
Ф6391КИ ГАЗ, 66	ДВС У СОЛОМ'ЯНСЬКОМУ Р-НІ М.КИЄВА		
Ф6374КИ PEUGEOT, 305	ВДВС ДНІПРОВСЬКОГО РУЮ М.КИЄВА		
Ф5119КИ ВАЗ, 2121	ВДВС ДНІПРОВСЬКОГО РУЮ М.КИЄВА		
Ф6391КИ	ДВС У СОЛОМ'ЯНСЬКОМУ		

Deleted Filter Add Delete Edit Refresh

Number of entries: 74


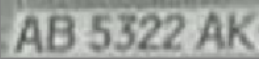
# “Alarm” Card

Detailed information about event processing

Information from external databases

Comments to the chosen event

Alarm processing

  
  
**AB5322AK**

Location of detection  
1  
123  
Time 17:29 16-05-11

Information from external databases  
no data

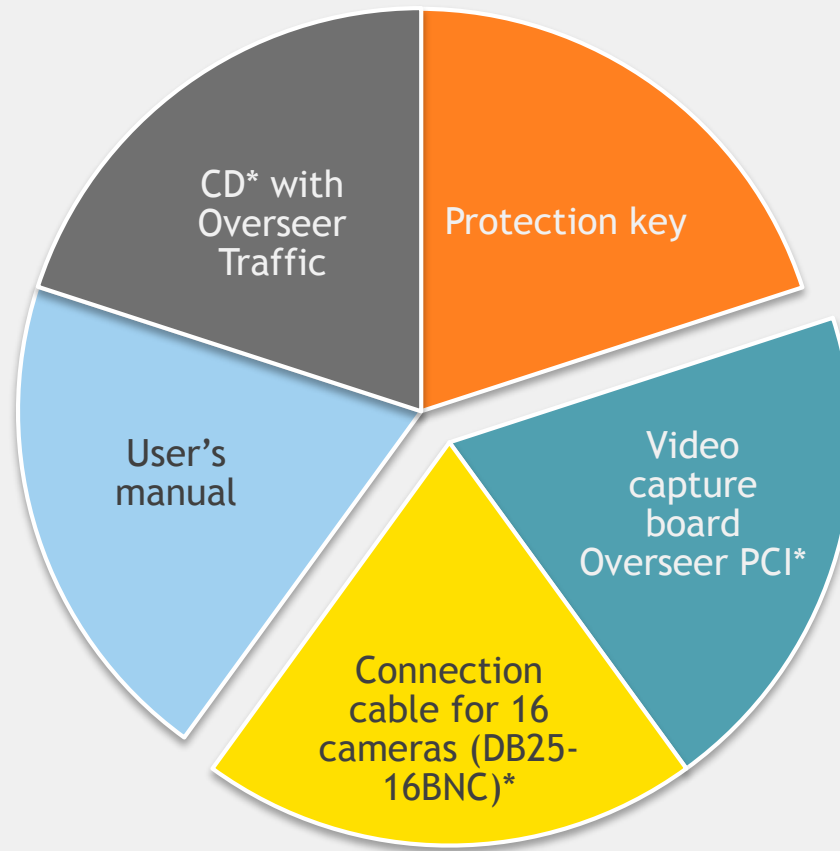
History of the license plate processing  

post:	post #1	18.04.2011 16:33:13
Comment:	Alarm	
post:	post #1	18.04.2011 13:47:12
Comment:	Close	
post:	post #1	18.04.2011 13:45:14
Comment:	message sent to the post	
post:	post #1	18.04.2011 13:44:36
Comment:	Alarm	

OtherMessage was sent to the postPolice was calledCancel alarm

Print2 - 2<<>>

# Package



# Contact us



**FOR MORE INFORMATION, PLEASE CONTACT:**

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