



# 6SS

Simplifying Complexity

Identify Suspicious License Plate  
without even Looking

## 6SS LPR

License Plate Recognition



**6SS L.L.C.**

[WWW.6SS.CO](http://WWW.6SS.CO)

## Contents

6SS LPR.....	2
Characteristics.....	3
Benefits .....	4
Specifications.....	4
Milestone Full Integration Solution .....	5
System Communication .....	5
Reporting.....	6

## 6SS LPR

**Global license plate recognition software  
by 6SS for traffic and access control  
Fully Integrated with Milestone XProtect**

6SS LPR by 6SS is designed to read all vehicle license plate types in the world in any traffic speed. Toll collection and congestion charging systems, traffic monitoring and security, speed and journey time measurement, bus lane and traffic light enforcement, parking or access control and many other systems can benefit from the fast, exact, automatic identification and recognition capabilities of this ANPR/LPR engine.





## Characteristics



6SS LPR by 6SS reads license plates from many image sources remarkably fast and with the highest recognition accuracy in its class.

It offers country-independent recognition of not only of Latin characters, but also Arabic, Cyrillic, Chinese, Korean, Thai and many more, as well as reflective, non-reflective, personalized and special interest plates that are typical in many U.S. states.

It is fast and easy with straightforward use with any hardware, compatible with any image source (analog, digital, still images MJPEG video streams).

The server mode 6SS LPR is able to perform parallel processing and handling of unlimited camera inputs.

6SS LPR is Eco-friendly. The creation of an alarms, alerts, events, and notifications also the Integration with a 3<sup>rd</sup> party are main reasons to provide a green solution. Specially that 6SS LPR responses is sent through SMS, e-mails and even more, it can be displayed on screens without being in touch to prints.





## Benefits

6SS LPR Offers:

- ✓ Industry-leading recognition accuracy
- ✓ Country-independent license plate reading
- ✓ Very fast processing speed

6SS LPR provides solution for common problems by:

- ✓ Distorted plate image handling
- ✓ Personalized and special interest license plate recognition
- ✓ Easy installation through SDK
- ✓ Customized upon request
- ✓ Can read your blacklisted from any source (DB Table, Excel or CSV file)

6SS LPR is ideal for:

- ✓ Section speed control applications
- ✓ Free-flow toll collection and traffic
- ✓ Parking management and access control
- ✓ Information Technology Support (ITS) and security systems
- ✓ Car plate reporting and analysis



## Specifications

- ✓ Supported operating system: windows 7 and above, windows server 2008 and above
- ✓ Supported platforms: 32 and 64 bit
- ✓ Minimum system requirements: 2.6 GHz CPU | 4 GB RAM | 1 GB HDD | free port/slot for NNC
- ✓ Licensing: per camera or per project with one-time payment fees and optional yearly enhancement and upgrading



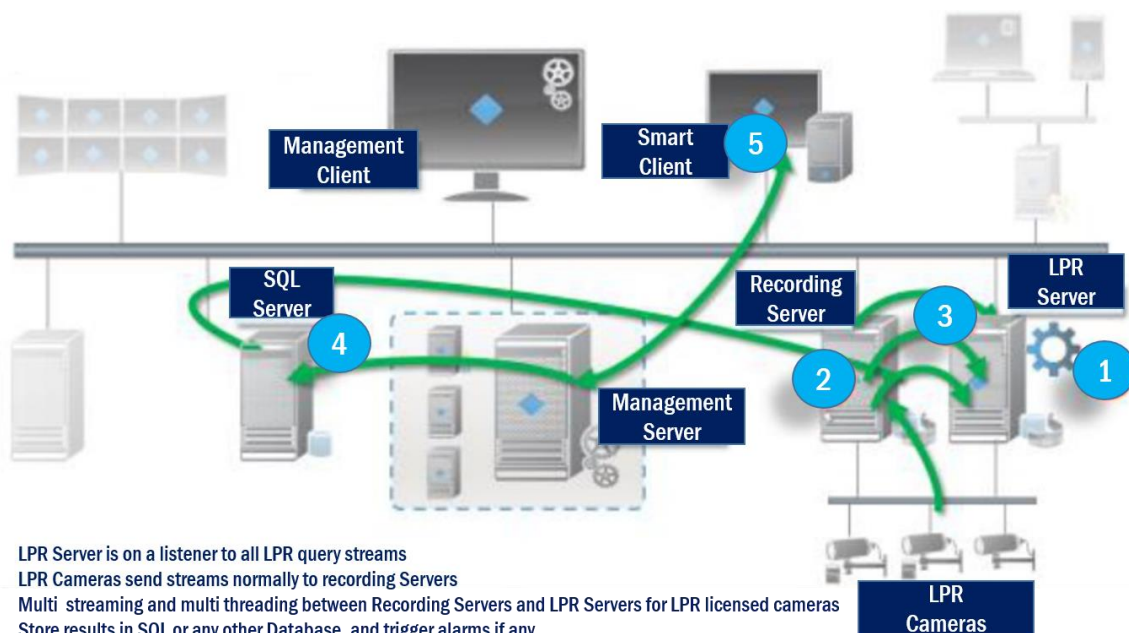
## Milestone Full Integration Solution

6SS LPR Offers a full integration with Milestone XProtect VMS:

- ✓ LPR live processing in smart client
- ✓ Live camera change
- ✓ Fully integrated with XProtect Alarm Manager and Rules
- ✓ Fully integrated with Maps
- ✓ Server side LPR processing
- ✓ 6SS LPR tab added into the smart client for fast search and export functionality to excel
- ✓ Flexible search functionality by From-To date, Plate Number, Countries, License type
- ✓ Regular Expression Alerting
- ✓ Full reporting with the ability to send e-mails and notifications
- ✓ State and country detection, i.e. for United Arab Emirates (UAE: Ras El Khaymah, UAE: Sharjah, UAE: Ajman, UAE: Dubai, UAE: Oum El Kouain, UAE: Abu Dhabi, UAE: Fujairah ...)
- ✓ Color Coding of the license plate for faster search



## System Communication



1. LPR Server is on a listener to all LPR query streams
2. LPR Cameras send streams normally to recording Servers
3. Multi streaming and multi threading between Recording Servers and LPR Servers for LPR licensed cameras
4. Store results in SQL or any other Database, and trigger alarms if any
5. Send results and display on smart client

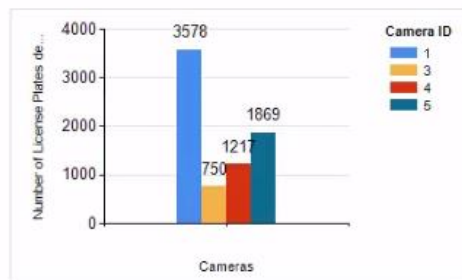


## Reporting

6SS LPR reporting system provides unlimited number of reports with the availability to develop on demand custom reports.

### Plates Counter Report

Camera ID	Short Description	Count	Success Rate	Ratio
1		3578	70.83%	48.26%
3		750	72.10%	10.12%
5		1869	72.15%	25.21%
4		1217	72.22%	16.41%
<b>Total</b>		<b>7414</b>		<b>100.00%</b>



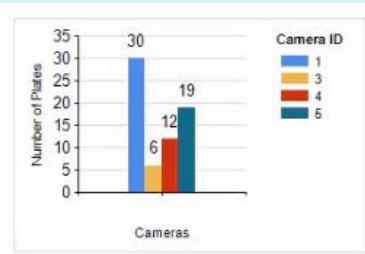
### Plates Counter Report with Listing

Camera ID	Short Description	Count	Success Rate	Ratio
1		3581	70.85%	48.24%
3		752	72.13%	10.13%
4		1219	72.25%	16.42%
5		1872	72.16%	25.22%
<b>Total</b>		<b>7424</b>		<b>100.00%</b>

Cid-1	Cid-3	Cid-4	Cic
Plate Numbers	Plate Numbers	Plate Numbers	Plate N
TX019	TX019	TX019	TX0
NP865	NP865	NP865	
NH865	NH865	NH865	
NBH865	NBH865	NBH865	NBH
LNW948	LNW948	LNW948	LNW
LVW948	LVW948	LVW948	LVW
LV948		LV948	LV9
VW948		VW948	
MXW14			
MXW16			
MXW46	MXW46	MXW46	MXW

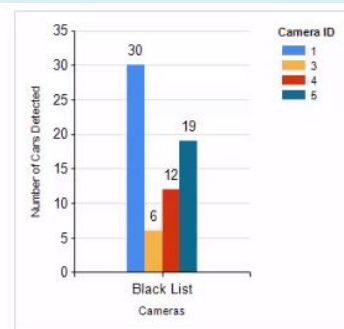
## Blacklisted Report

Camera ID	Short Description	Count	Ratio
1		30	44.78%
3		6	8.96%
4		12	17.91%
5		19	28.36%
<b>Total</b>		<b>67</b>	<b>100.00%</b>



## Alerts Frequencies and Counter

Camera ID	Short Description	Title	Count	Ratio
1		Black List	30	44.78%
		<b>Total</b>	<b>30</b>	<b>44.78%</b>
3		Black List	6	8.96%
		<b>Total</b>	<b>6</b>	<b>8.96%</b>
4		Black List	12	17.91%
		<b>Total</b>	<b>12</b>	<b>17.91%</b>
5		Black List	19	28.36%
		<b>Total</b>	<b>19</b>	<b>28.36%</b>
<b>Total</b>		<b>Total</b>	<b>67</b>	<b>100.00%</b>







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