LPR CITY SERVER

License Plate Recognition Server

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Uses of LPR CITY SERVER

Neural Labs LPR Server for a CITY Environment

- **City LPR Server** (CLR) Is the **Neural Labs** system for License plate recognition in an urban environment.
- Connected to police databases can detect:
  - ✓ Stolen Vehicles.
  - ✓ Vehicles without Insurance .
  - ✓ Vehicles without technical inspection.
  - ✓ Vehicles with pending fines.
  - ✓ etc
- CLS, Recognizes continuously license plates from moving vehicles (**Free-Flow**).
- CLS, works with different camera vendors and protocols at the same time.
- CLS, cooperates with network video recording systems like:
  - ✓ Bosch
  - ✓ IndigoVision
  - ✓ Milestone
  - ✓ AxxonSoft

CITY ACCESS AUDITING

POLICE FORCE
- Driving uninsured
- Stolen vehicles
- Terrorist search

PRIVATE SURVEILLANCE
- Presence in restricted areas

PERIMETRAL MONITORING.
- Industrial estates
- Factories or large companies
- Town accesses
- Condominiums, Housing developments

ITS
- Monitoring of vehicle transit areas, determining their usual routes and behavior
- Average Calculation of speed, distance and time.
- Traffic Counting

Learn more about our products and Neural Labs...

- Based on **VPAR SERVER** – License plate Recognition Server.
- Uses Advanced image analysis and neuronal networks techniques for a high performance license plate recognition.

- **LPR CITY SERVER** can process tens of megapixel cameras at the same time. Each camera can process up to 2 lanes. The power of the system allows you to monitor a lot of lanes from a single server.

The systems that WORK use **Neural Labs** LPR Technology

neural Labs

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Product Description
LPR CITY SERVER

Minimum Requirements

CPU
- Intel Core i3.

MEMORY
- 4 GB RAM.

DISK
- 500 GB Free Space.

OPERATING SYSTEM
- Windows Server, Windows 8, Windows 7, Windows XP(32 and 64 bits Versions)

Compatibility

SUPPORTED CAMERA PROTOCOLS
RTSP
Motion JPEG
JPEG
Gige Vision
IDS-IMAGING
AVI
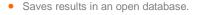Others on demand.

SUPPORTED NVR
MILESTONE
INDIGOVISION
BOSCH BVMS
SCATI LABS

SOME SUPPORTED CAMERAS
Arecont, AVT, Axis, Basler, Bosch, IDS, IndigoVision, JAI, JVC, Mobotix, Pelco, Sony, Vivotek, HikVision, Messoa, Scati Eye,etc…. and more

- Saves results in an open database.
- Supports NVR's streaming protocols such as Bosch, Milestone, IndigoVision, Mirasys, Axxon - Soft, Tyco (ExacQ), Pelco (VideoXpert) , Scati…
- For each plate stores:
  - License Plate
  - Recognition Confidence.
  - Direction for the Vehicle.
  - Images used for recognition
  - Timestamp
  - GPS position
  - Camera ID
  - Plate position in the Image

- Motorbike recognition.
- Supreme recognition rate.
- Grammar checking.
- Stores one plate per Vehicle.
- Shadow filtering by image preprocessing.
- Perspective correction tool.
- High & low speed recognition.
- Free Flow, Trigger and Motion Detection working mode per camera.
- NVR Integration
  - ✓ Bookmarks and/or Alarms injection.
  - ✓ Video search by plate capability.

- From Back Office you can:
  - View all readings
  - Export results (data and images).
  - Export to a geografic system (ie ArcGis)
  - Acustic alarms if the plate match a Blacklist
  - Multiple operators
  - Different user levels
  - Setup zones
  - Import /export from/to Police systems**

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