

Online Number Plate Recognition & Analytics

ONPRA is a package for OEMs and System Integrators in Security & Surveillance. This facilitates easy introduction of **Auto Licence/Number Plate** reading using a Compact **GigE Vision** camera and optics with unprecedented speed and uncompromised image quality. **Software** features robust algorithms to detect and save number plates as database with corresponding images that allows Security Digital Auditing based on Number Plate with images and data.

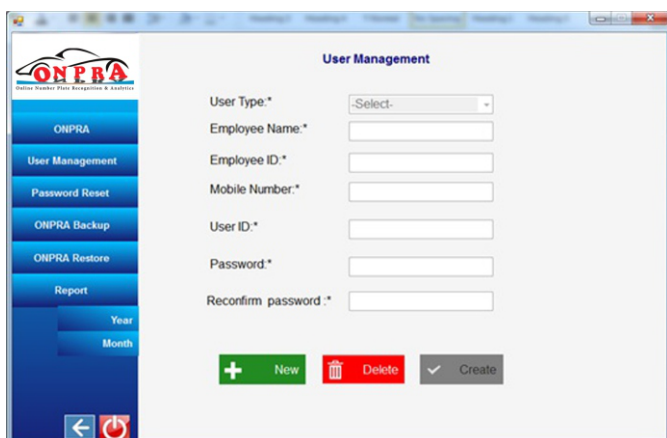


Software features

- Robust platform to capture, store and display of Number Plate.
- Proven algorithm to "Auto detect number plates".
- Allow storing of all the data as database with corresponding images that allows Security Digital Auditing based on Number Plate with images and data.
- Allow manual entry of Number Plate and also Auto entry.

ONPRA software allows

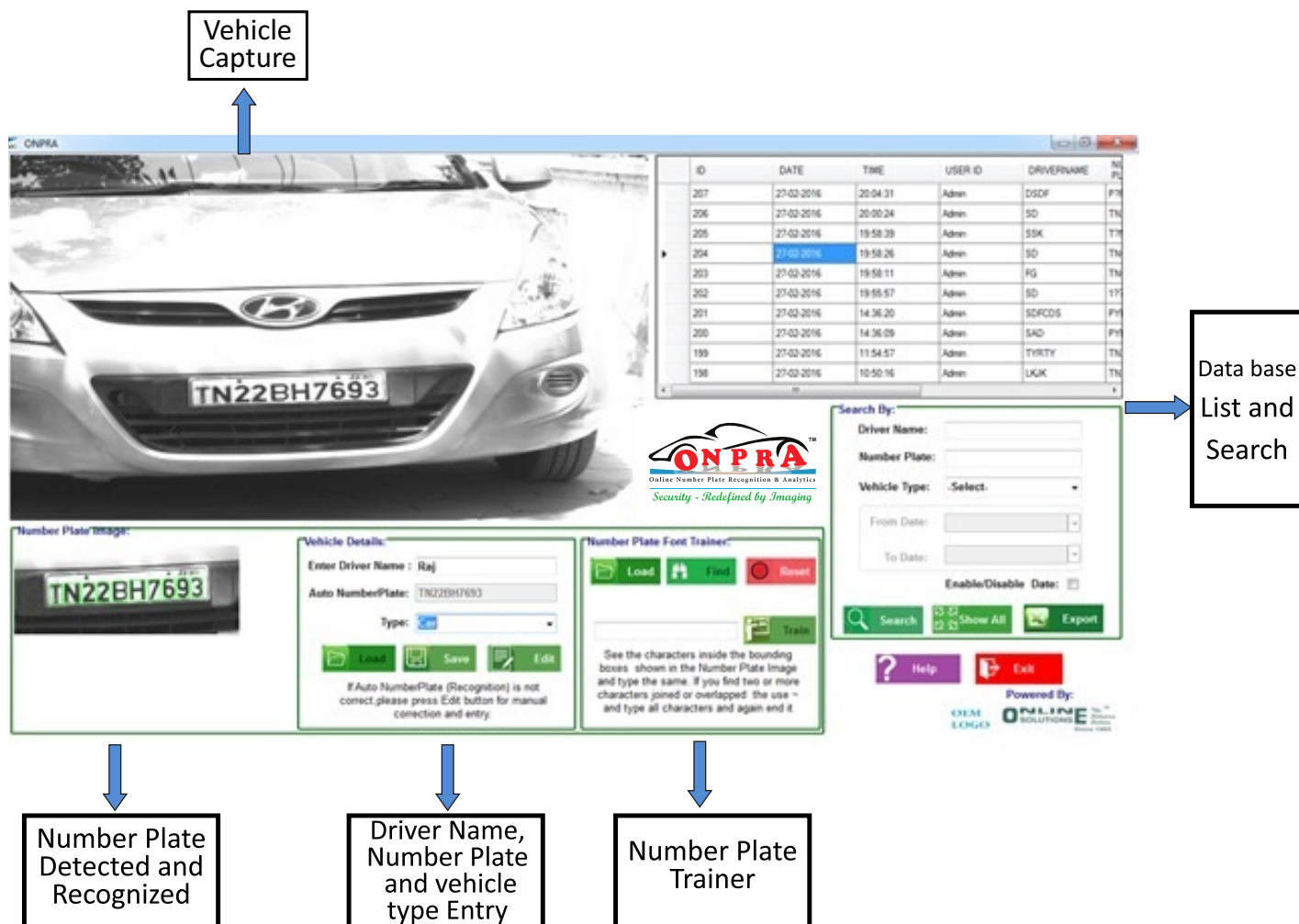
- ✦ **Management** that includes **USER Administration, Data Base and Reports** accessible only by the administrator.



Management

- ✦ User And Admin Login
- ✦ **Password And Dongle Protected**
- ✦ **Administrator Privileges** To Add / Delete Users
- ✦ Database Backup And Restore
- ✦ Easy **help file** access etc.

- ✦ **Image Capture** of Number Plate and the vehicle.
- ✦ **OEM LOGO** Insertion



- ✦ **Entry of Data:** Auto Detection of Number Plate.

Vehicle Details:

Enter Driver Name :

Auto NumberPlate:

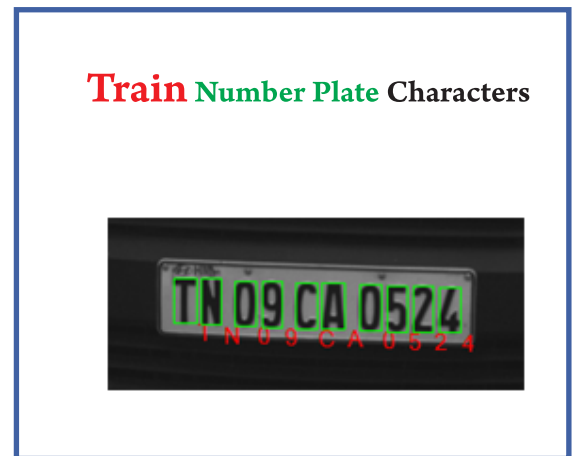
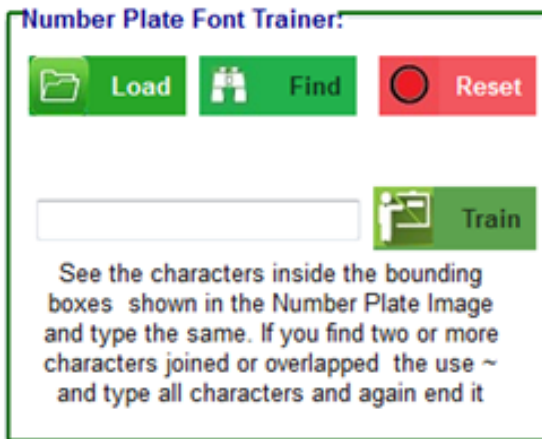
Type:

If Auto NumberPlate (Recognition) is not correct, please press Edit button for manual correction and entry.

Entry

- ✦ Enter Vehicle information including **Driver Name**, **Auto** or **(manual) Number Plate entry**, **type of vehicle** and **save** the same to Database.

✦ Intelligent Training of Number Plate characters to detect and enhance Auto Detection.



✦ Data Base saving and efficient and Easy User Friendly Search of data.

- ✦ Save and display database that includes name of the driver, auto or manual number plate entry, type of vehicle selection
- ✦ Search Tools for different parameters including Date
- ✦ Export data base to EXCEL sheets,

Search By:

Driver Name:

Number Plate:

Vehicle Type:

From Date:

To Date:

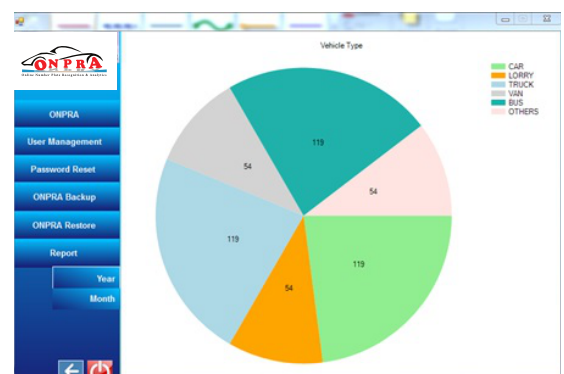
Enable/Disable Date: ☐

ID	DATE	TIME	USER ID	DRIVERNAME	VEHICLE TYPE
207	27-02-2016	20:04:31	Admin	DSCF	PN
206	27-02-2016	20:00:24	Admin	SD	TN
205	27-02-2016	19:58:39	Admin	SSK	TT
204	27-02-2016	19:58:26	Admin	SD	TN
203	27-02-2016	19:58:11	Admin	PG	TN
202	27-02-2016	19:55:57	Admin	SD	TT
201	27-02-2016	14:36:20	Admin	SD/CDG	PN
200	27-02-2016	14:36:09	Admin	SAD	PN
199	27-02-2016	11:54:57	Admin	THREY	TN
198	27-02-2016	10:50:16	Admin	LGK	TN

✦ Report Generation

- ✦ Reports as Charts from Management Screen.
- ✦ Spread Sheets from ONPRA main window based on Data base selection.
- ✦ Provisions can be added for User required reporting.

Report Analytics



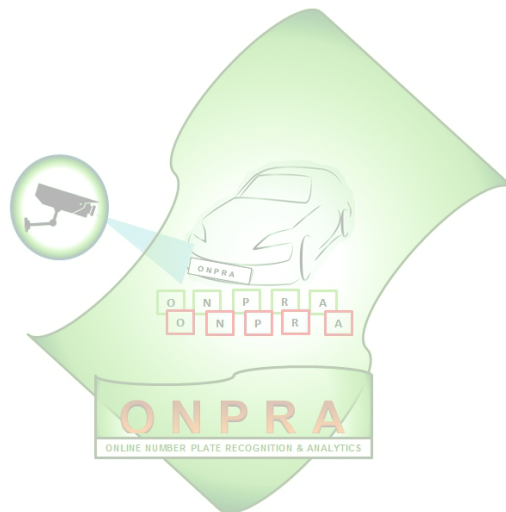
Specifications:

- ✧ 1.3 megapixel GigE Vision Monochrome Camera with Optics
- ✧ ONPRA software
- ✧ Option for inserting OEM's Logo included as a standard feature.
- ✧ Dongle Protected.
- ✧ Microsoft Windows Based.

Software can be customized for different additional or related requirement

Applications:

- ✧ Intelligent Traffic Management Systems
- ✧ Automated Gate Management Systems
- ✧ Parking lot Management Systems
- ✧ High way Toll Management Systems
- ✧ Security guard decision assistance systems



Regulatory Compliance (Camera):

- ✧ CE, FCC and RoHS

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