# OUVSS

Online Under Vehicle Scanning System

OUVSS is a package for OEMs and System Integrators in Security & Surveillance and Entry Gate management systems available as SILVER, GOLD and DIAMOND versions according to feature list.

Online UNDER VEHICLE Scanning System's *hardware* (with High Resolution GigE Line Scan Camera Set or Area Scan Camera set) and *Software* powered by Online Solutions in an ideal scanning system to capture, display and optionally process the underside of the vehicles on the move along with additional data like Number plate and Driver image,
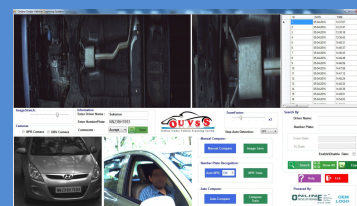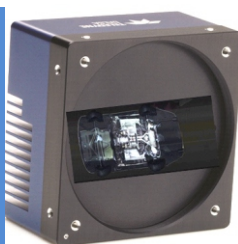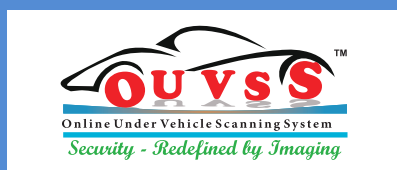

Software features

➢ Robust platform to capture, store, display of Under Chassis Images, Number Plate and Driver Images.

➢ Proven algorithms to optionally"Auto detect number plates"and "Auto detect of foreign objects by compare " in the under chassis.

➢ 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 and Auto compare of Under Chassis.

OUVSS *software* also allows

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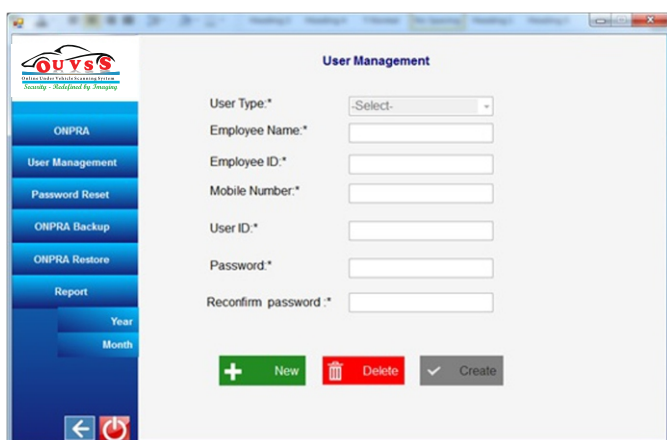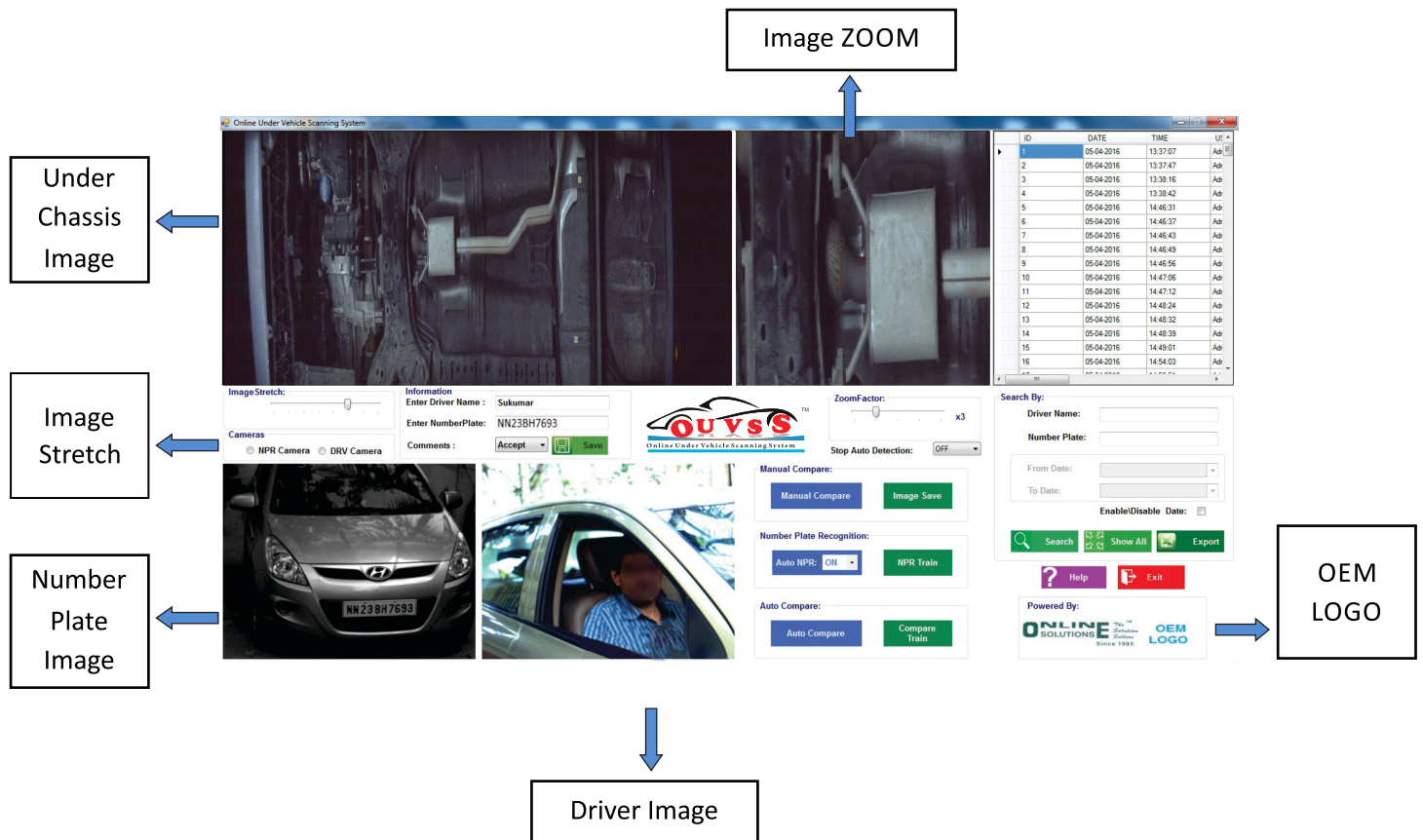

Management

- User and Admin **Login**
- **Password and Dongle Protected**
- **Administrator Privileges** to add / delete users
- Database backup and restore
- Easy **help file** access etc.

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★ **Image Capture of UNDER CHASSIS in Color with Zoom and stretch features.**

★ **OEM LOGO insertion**

Image ZOOM

Under Chassis Image

Image Stretch

Number Plate Image

OEM LOGO

Driver Image

★ **Information Window to enter Driver name, Auto Number Plate detection (with manual override), status - accept or reject selection and SAVE to Database**
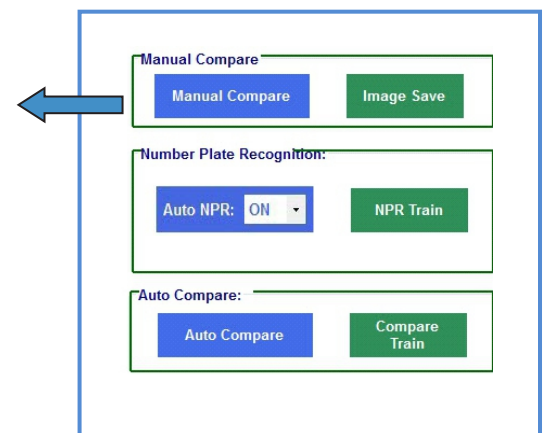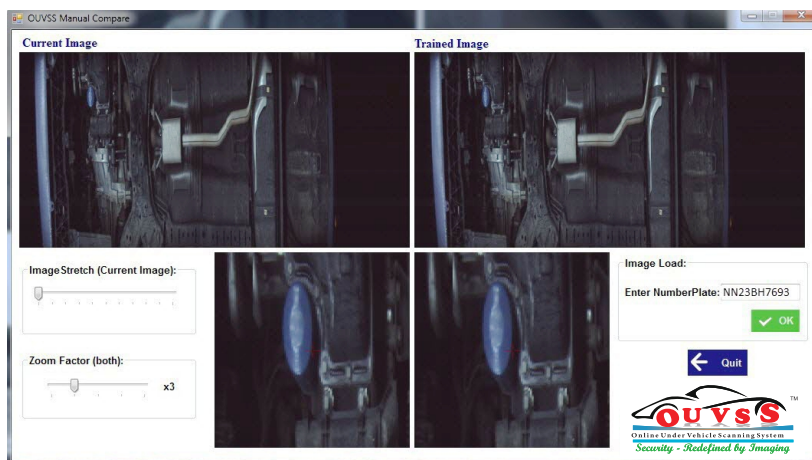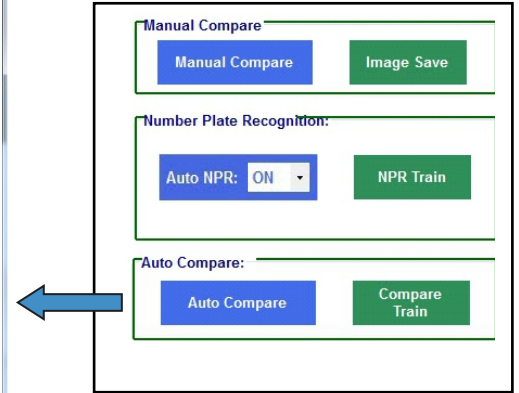

Information
Enter Driver Name: DINESH
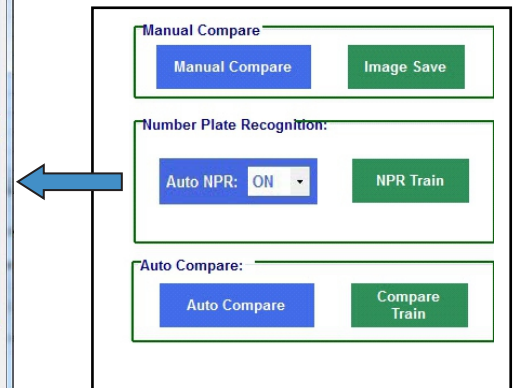Enter NumberPlate: CV43JI1095
Comments: Accept ▼ Save

★ **Manual Compare (of Under Chassis with Database)**

★ Auto compare (of Under Chassis with Database)

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

★ Data Base saving with efficient & Easy to use User Friendly data Search.

- **Save and display database** that includes name of the driver, auto or manual number plate entry, type of vehicle selection

- **Search for different parameters including Date**

- **Export** data base to EXCEL sheets

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★ Report Generation

- **Monthly & Yearly 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.
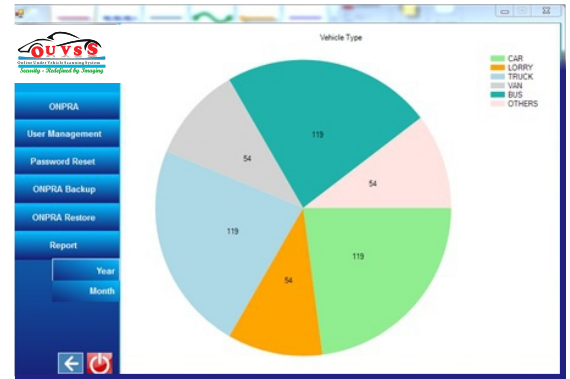
★ Specifications:

Scanning Unit	:	Linear CCD or Area Scan
Resolution	:	2048 in dual line (10MP* Image) or 1936x1216 (8MP* Image)
Interface	:	Gig- E
Power Supply	:	12VDC
PowerConsumption	:	< 9W
Field of View	:	108 degree
Light (required)	:	Halogen or LED or Tube Lights
Software	:	Image Capture and storage, data base Management advanced Number plate, reader/trainer, Auto and Manual compare

➢ **Regulatory Compliance (Camera):** CE, FCC and RoHS

|		
NPR Camera	:	1.3 Megapixel or above
NPR Speed	:	50fps or above.
Driver Image Camera	:	1.3 Megapixel or above
Speed	:	50fps or above.

Optional:

Enclosure for cameras (Ip65, 67), Trigger box, Cables, Host Computer, Biometrics, Environment monitor unit

★ Applications:

➢ **Intelligent Traffic Systems**

➢ **Automated Gate Management Systems**

➢ **Mall/Hotels/Public places Entry&Parking Management Systems**

➢ **High Way Toll audit & Management Systems**

➢ **Security Guard decision Assistance Systems**

* Indicative picture only.
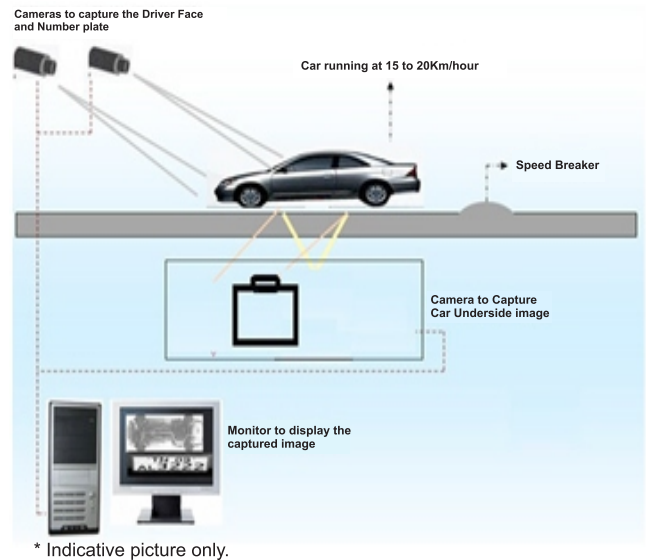
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