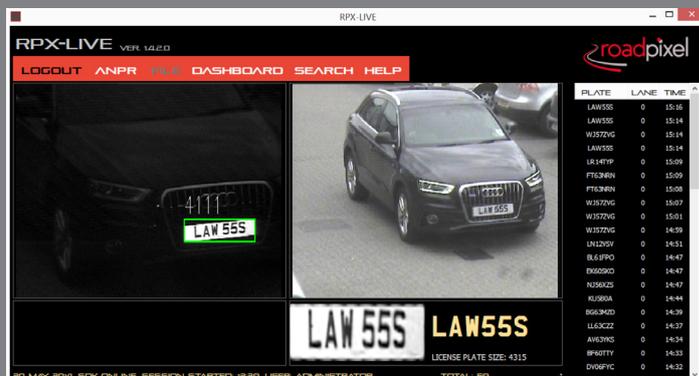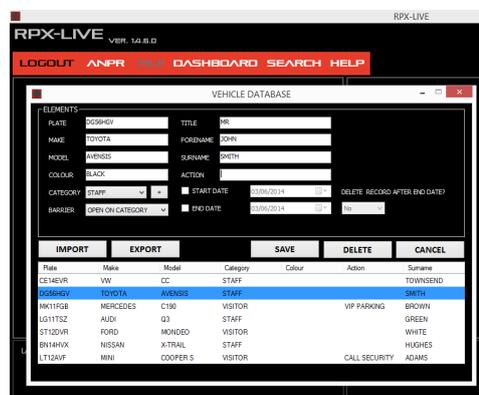# RPX-LIVE ANPR

roadpixel

RPX-LIVE is a multi-purpose interactive traffic monitoring application which controls the RoadPixel ANPR Engine performing tasks such as traffic logging, real-time database checks and instant transmission of vehicle data to the RoadPixel Cloud-based Back Office (RPX-BOF).

The intuitive user interface may be used in a desktop environment to monitor or control any traffic flow. The same GUI can be also be used with a Touch Screen or Tablet PC in a Police or Enforcement vehicle to check passing traffic against multiple hotlists.

DATABASES AND HOTLISTS

The RPX-LIVE inbuilt database can store information associated with a plate including the vehicle make, model and colour along with all driver details. Permitted Access periods may be defined to only allow entry to certain groups of vehicles at particular times. This data can be easily imported or exported using a standard CSV file format and be externally edited. Additional user defined fields may be added.
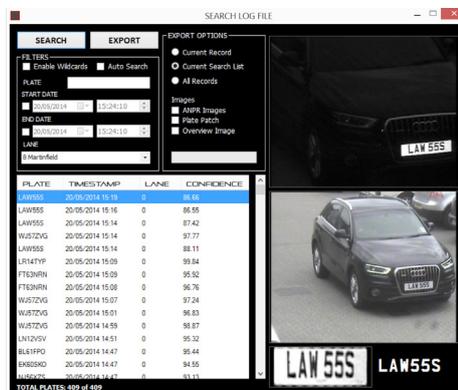

The Intuitive Large Button User Interface makes the software easy to use

A powerful Search facility allows users to rapidly search archived plate reads and display details of all vehicle movements such as:

List all entry/exit events relating to a specific vehicle

List all vehicles exiting site between 14:00 and 14:45 last Monday

Partial plate searches are also possible; when partial plate details are entered the software instantly returns all possible matches.

Powerful Plate Searching rapidly mines stored data

All extracted data can be printed along with colour images of vehicles or easily exported in ASCII text, XML or various other proprietary formats.

SECURITY / ACCESS CONTROL / VISITOR MANAGEMENT

As vehicles approach the ANPR camera, RPX-LIVE reads the plate and displays the plate text alongside the image(s) of the vehicle. Plate details are compared against a database and any stored details such as driver name or vehicle category (e.g. 'Employee' or 'Visitor') are displayed along with any Action message such as 'VIP Visitor'. Alarms may also be sounded alerting security staff.

RPX-LIVE can open barriers automatically allowing authorised vehicles onto a site. Permitted hours of access can be specified such as 08:00 to 20:00 every day for a particular category.

LED signs can be used to display any information from the database to a driver such as:

*** KE60ABC PLEASE PARK IN BAY 12 ***

CAR PARK MANAGEMENT MODULE (OPTIONAL EXTRA)

Car parks may be monitored 24/7 logging times of entry and exit and transmitting data to a Parking BOF. Any overstay vehicles can be automatically issued with bespoke Parking Charge Notifications (PCNs).

Retail car park visitor stays can also be analysed and marketing statistics / graphs produced.

PETROL STATIONS

With the increasing price of fuel, petrol station 'Drive Offs' are costing fuel retailers significant losses. RPX-LIVE can synchronise databases of known offenders between all connected sites.

TRAFFIC

Traffic applications include Weigh-in-Motion, Congestion Charging, Journey Time Monitoring, Rat Run monitoring and Road and Motorway usage logging.

POLICE

RoadPixel supply both fixed and mobile ANPR solutions. Tablet based mobile systems can be instantly transferred between police cars whilst HD fixed systems can monitor multiple motorway lanes – all using multiple Hotlists. An optional module transmits reads to BOF2.

RPX-BOF

Multiple ANPR Workstations can be connected to the Cloud-based RPX-BOF which can be hosted by users or contained within our own secure servers. Operators can remotely log in using a Web Interface to interrogate the SQL Database or setup remote alarms and notifications. (See separate datasheet).