

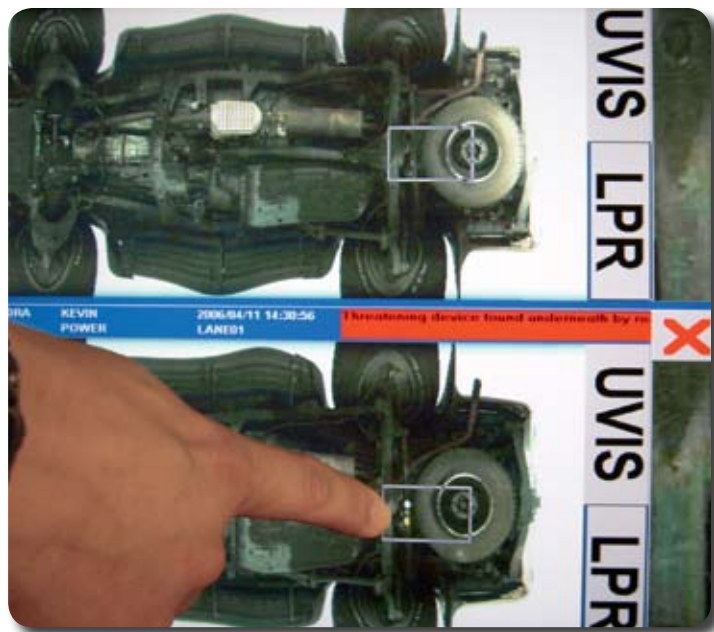
Vehicle Inspection Software (VIS)

perceptics
imaging technology solutions

VIS Software Overview

The Perceptics Vehicle Inspection Software (VIS) provides an intuitive, dependable, and rapid method of interfacing the high-resolution images produced by the Perceptics Under Vehicle Inspection System (UVIS) as a stand-alone system or alongside the Perceptics License Plate Reader (LPR).

Designed with scalable architecture, the Perceptics VIS Software easily integrates the most high-resolution images in the industry generated by the UVIS, with the results of our LPR, featuring the highest accuracy-rate available. This allows the user to conduct side-by-side comparisons of the current undercarriage with that of any number of previous images taken from the same vehicle. The outcome is a highly-manageable and quickly searchable database providing a much higher level of facility security.



Benefits & Features of Perceptics VIS Software

The Perceptics VIS Software stands apart from our competition for many reasons:

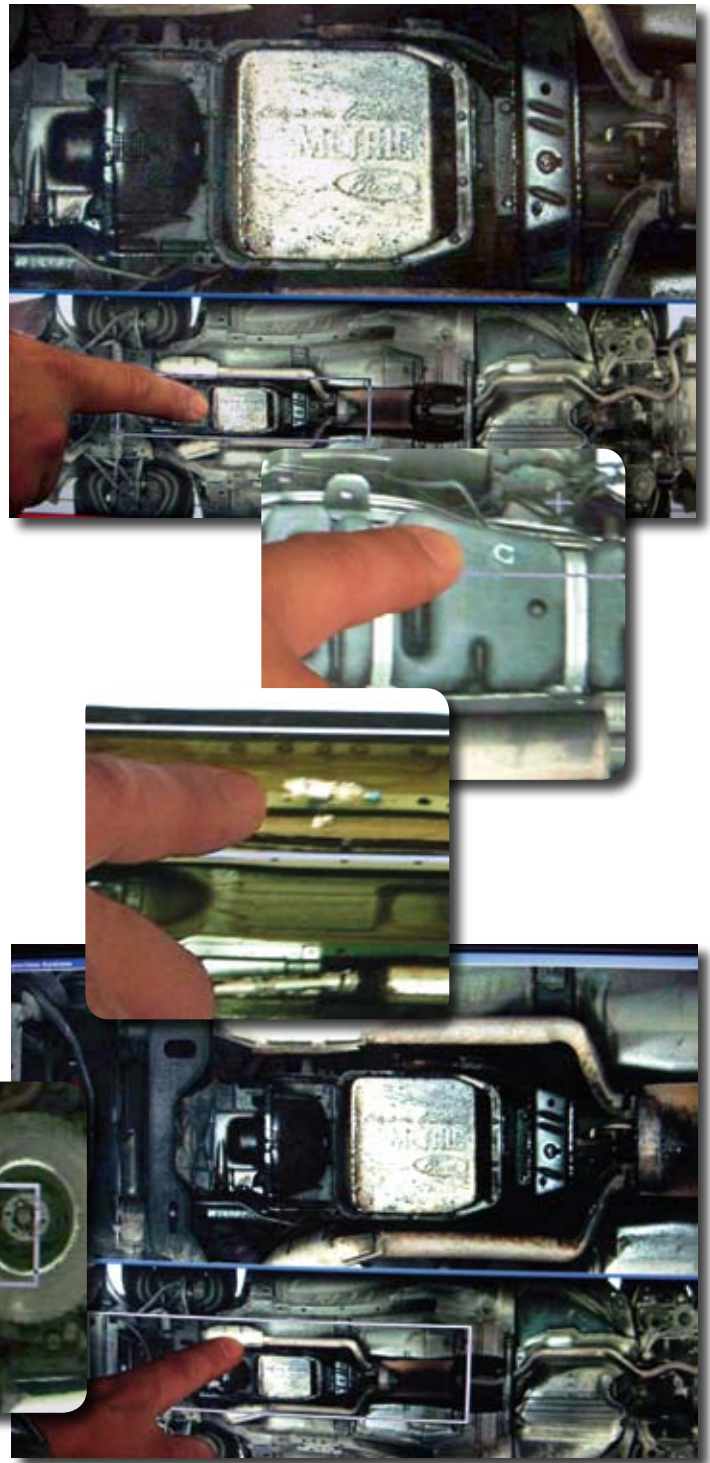
- VIS maintains a complete history of vehicle images for comparison, not simply an image of the vehicle's last visit.
- VIS presents the operator a 4k, high-resolution whole image of the vehicle undercarriage in true-color, thereby reducing user-fatigue like older black and white systems do. The user can magnify this true-color whole image up to twelve times for closer inspection.
- The VIS database is fully searchable based on criteria such as vehicle type, driver's name, license plate, or time/date range.
- One VIS Software package can receive information from several UVIS and LPR units, arranging them in thumbnails based on time and date. This allows one user to inspect many lanes of vehicles from one screen.
- A "virtual keyboard" gives the administrator the option of securing the computer while allowing full inspection functionality for the operator. This provides peace of mind that the computer's software and operating system are tamper-proof.
- VIS allows the administrator to set up individual user accounts, ensuring personal accountability for data entry.
- Fully scalable, VIS integrates not only additional products from Perceptics, but other Ethernet-based technologies as well, making VIS a system that can grow with your future access control needs.
- VIS maintains a "Hit List" of vehicle license plates which, when identified by the Perceptics LPR, alerts the operator, provides a reason for the alarm, and can email anyone wishing to be notified of the vehicle's presence. "Hit Lists" can be imported from external sources, i.e. Excel spreadsheets.
- All images and data captured by VIS are digitally time-stamped and watermarked, making it admissible as evidence.
- VIS generates a number of reports, including lane counts, lists of individual vehicles by time as well as individual transaction reports, all of which can be printed or saved then emailed.
- Cat5 network cabling allows unlimited standoff distance for the VIS operator from the vehicle inspection site, ensuring user safety.

VIS Concept of Operation

Once a vehicle passes over the Perceptics UVIS and/or triggers the Perceptics LPR, the VIS operator is presented with a color scene image of the vehicle, a high-resolution color image of the vehicle's whole undercarriage, and a readout of the vehicle's license plate (to include state-of-origin). With this information the user can then determine how many times the vehicle has been at his or her location and can determine if the vehicle is on a "Hit List." The user can then select images from any prior visits to do side-by-side comparisons with the image generated from the current visit. At this time VIS can even generate a visitor's pass. Once the vehicle and driver's information is entered, the Perceptics LPR will automatically populate this information on future visits, saving the user valuable inspection time.

UVIS Technology Advancement

As VIS technology continues to improve and evolve over time, current VIS customers are offered the most recent updates. A major advantage to the Perceptics VIS Software is the ability to configure components and transfer results and images across the local area network (LAN) via Ethernet communication. Using this technology, operating speeds have been increased, stand-off distances have improved, and integration of future technologies has been achieved.



Contact us at:

Telephone: 865-966-9200

Facsimile: 865-966-9330

U.S. Toll Free: 1-800-448-8544

sales@perceptics.com

9737 Cogdill Road, Suite 200N

Knoxville, Tennessee 37932-3350 USA

perceptics
imaging technology solutions

www.perceptics.com

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