

# DrivewAtch™

**Applus+ is a leader in developing comprehensive electronic examination systems.**



DrivewAtch™ is an integrated methodology for testing and monitoring driver proficiency, safety and performance. Uniquely, DrivewAtch™ includes audio-enabled digital cameras installed in the road testing vehicle, creating an audio and video record of driver performance and a real-time view of the road path driven during testing. DrivewAtch™ technology synchronizes this video record with vehicle speed and driver acceleration and/or deceleration, providing a comprehensive methodology for measuring driver performance and road conditions.

DrivewAtch™ also can deliver significant cost savings to State DMVs by automating many of the processes involved in administering driver knowledge and road skills tests. An Applus+ developed and managed web portal is used by drivers to schedule a test appointment and by managers to adjust scheduling of driving instructors to ensure appropriate staffing at each testing location. The time and manpower necessary to administer tests and record scores is also minimized. DrivewAtch™ provides electronic test scoring for standard, commercial and motorcycle road tests. Examiners use a hand-held wireless device to record test scores in real time and a pass/fail status is transmitted automatically, along with the driver's electronic signature. Test scores and the driver's affirmation of results are then transmitted via a wireless or Ethernet connection to a local PC or PC Network. This remote management capability is fully integrated with the State DMV's database which allows for future viewing or printing online or sharing electronically over a network.



# DrivewAtch™



LEADING PRODUCT INNOVATIONS

## Main Features

- On-Board audio and video recording of road tests, with large storage capacity of data and streaming video.
- Dual-view camera to simultaneously record multiple views such as the vehicle interior and driver's view in front the vehicle.
- Video quality up to 640x480 pixels, with even higher resolutions available.
- Wireless on-board diagnostics (OBDII) connection for seamless recording and synchronization of vehicle data and the video and audio signal.
- Wireless or Ethernet connection for downloading recorded data to a local PC or PC Network.
- Can be customized to include GPS mapping and data logging capabilities.

## What Are the Benefits?

- Increased accuracy of skill tests results used to qualify applicants for licenses and endorsements.
- Administration and record retention of driving skills test.
- Performance monitoring of examiner conducting drive tests.

- Enhanced ability to recreate the skill test events and help ensure the safety of the applicant and the licensing examiner.
- Central repository system generates reports and statistics.
- Recorded record protects against false allegations regarding drive test results or staff performance.
- Recorded record supports risk and loss mitigation in the event a collision or crash occurs during a driving test.

## Expanded Applications of DrivewAtch™

- Train new prospective drivers with video playback.
- Test driver reflexes by analyzing the timing between the occurrence of an unexpected event or road condition and the driver's corrective action.
- Create record of drivers' performance and conduct.
- Preserve a permanent record of instructions and conversations throughout the driving test.
- Comply with insurance requirements to keep records of traffic and road conditions during testing.

**Applus**   
Technologies

444 North Michigan Avenue  
Suite 1110  
Chicago, IL 60611  
phone: +1-847-616-6122  
email: solutions@aplustech.com