

ALCOHOL MONITORING TECHNOLOGY
AND REPORTING

TECHNOLOGY, MONITORING, REPORTING

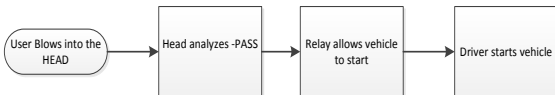
Dottie McDonald
Judicial Services Liaison

Role of Alcohol Monitoring

- Offenders more accountable
- Helps separate compliant from noncompliant offenders
- Direct offenders to treatment and supervision
- Enhances public safety – offenders stay sober
- Separates alcohol from the offender

Purpose of IID

- The IID's objective is to determine whether or not the user providing the test contains alcohol in their system and if the sample is below a set-point. If so, then the vehicle is allowed to start.



CCP 17.441- Ignition Interlock

Magistrate shall require on release that a defendant install a deep-lung breath analysis mechanism:

- On the motor vehicle owned by or most regularly driven by the defendant, and
- Defendant not operate any vehicle unless device installed

CCP 17.441- Ignition Interlock

Also:

- Installed at defendant's expense within 30 days after release on bond
- Magistrate can designate agency to verify installation and monitor
- Agency can receive monthly fee not exceeding \$10 for monitoring

TRC 521.2465 Overview
(House Bill 2246 became effective Sept. 1, 2015)

• Interlock for all impaired driving offenders if they choose to drive during a license suspension. Interlocks can still be ordered by the courts.

• Allows for persons convicted of a DWI to either receive an interlock driver's license during their driver's license suspension or choose not to drive. During the period of suspension, a person may only operate a vehicle with ignition interlock installed. The duration for which a person is suspended and can only operate vehicles with an ignition interlock is determined by the following:

- o 1st offense - 90 BAC or greater: 90 days to one year
- o 2nd offense: 180 days to two years
- o 2nd or 3rd offense: one year to two years

How does a person whose license is suspended for DWI apply for an interlock-restricted license?
To be eligible for an occupational license, the driver must have insurance, pay a \$10 license fee to the Department of Public Safety (DPS), and install an ignition interlock on all vehicles he/she drives.

Can a person obtain a non-interlock-restricted license during his/her license suspension?
No, a person convicted for DWI must apply for an interlock-restricted occupational license in order to drive during the license suspension period. A person also has the option to not install an interlock, but the person will not be able to drive as a result.

Can a court still order an ignition interlock?
Yes, a court can order an interlock per current law. Ignition interlocks are required as a condition of probation for all repeat offenders and first-time offenders with a blood alcohol concentration (BAC) of .15 or greater. Under current law (reaffirmed in this bill), a judge can choose not to order an interlock. However, if an interlock is not ordered, a judge must note the lack of an interlock order on the record.

What happens if a person decides to install an interlock during a license suspension and is subsequently ordered by a court to get an interlock?
The time the person has had an interlock installed does not count toward any time ordered by a judge.

Will DPS be able to handle issuing interlock-restricted licenses?
DPS already issues occupational licenses to DWI offenders. As introduced, HB 2246 did not create a fiscal note to state agencies. Under HB 2246, a person must pay a \$10 occupational license fee if he or she chooses to install an ignition interlock instead of license suspension.
Effective September 1, 2015.

SAMPLE ORDER

• **Mandatory Condition for: Driving, Flying and Boating While Intoxicated, Subsequent Offense or Felony Offense; Intoxication Assault and Intoxication Manslaughter**

- On this _____ 2016, the Magistrate below orders the following additional conditions of bond, in accordance with Article 17.441 of the Texas Code of Criminal Procedure.
- Defendant is hereby **ORDERED** as a condition of bond, to have installed on the motor vehicle owned by defendant, or on the vehicle most regularly operated by the defendant, a device that uses a **IGNITION INTERLOCK DEVICE WITH CAMERA** to make impractical the operation of a motor vehicle if ethyl alcohol is detected in the breath of the operator; and

SAMPLE ORDER Continued

- Not operate any motor vehicle unless the vehicle is equipped with said device; and
- Said **IGNITION INTERLOCOK** equipment shall be installed on the appropriate motor vehicle at the **defendant's expense**, before the 30th day from the date of release. Proof of the installation shall be delivered to the _____ no later than **30 days** from the date of release; and

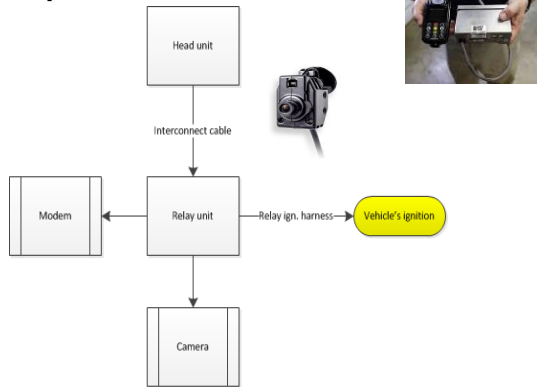
SAMPLE ORDER

- Defendant shall contact -----**AFTER BEING RELEASED ON BOND**) at the _____ for information pertaining to the device and for verification and monitoring of the device; and
- 5. Defendant shall pay a fee of **\$10.00 per month** to the _____ for the verification and monitoring of the device. The first payment to be made when the installation of the device is verified and a like payment on the same day of each month thereafter while defendant is released on bond.
- The defendant is hereby notified that violating any condition of his/her bond shall result in the revocation of the bond.

IID WITH CAMERA



Components of an IID



Camera

The camera captures images based upon commands sent by the IID unit. The commands are sent to the camera based upon 'trigger' events. These 'trigger' events, are configurable and primarily based upon local and state specific ignition interlock rules, regulations and/or program requirements.



IGNITION INTERLOCK OPTIONS

- Standard Units with Camera
- Cellular with Camera
- GPS
- Real Time Reporting

**Department of Public Safety
Requirements**

- oAlcohol Specific
- oFree Restart
- oAnti-circumvention
- oRandom Rolling Retest

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Features

- oViolations and 72hour call back
- oViolation Lockout
 - Start Violation
 - Skipped or failed rolling retest
 - Test at or above fail level
 - Missed service appointments

IID Terminology



• **Initial Test**

- initial test pass
- initial test warn
- initial test fail
- Abort “blow harder” “blow softer”



• **How is this information used?**

- look for multiple failures over a period of time (3 or more over 15 min.) to validate **CONSUMED** alcohol

IID Terminology

• **Rolling Retest**

- skipped rolling retest (within 5 min.)
- retests occur within 5 to 15 min. of starting car
- retests occur randomly thereafter

• **How is this information used?**

- if you have a passing breath test shortly after a skipped test and no fails before starting the car, client did not intentionally skip the test
- skipped retest/no subsequent tests are passed before turning engine off, client may be trying to avoid a failed reading
- multiple failed retests over period of 15 minutes is a serious concern – drinking and driving!

IID Terminology

• **Circumvention or Illegal Start**

- interlock detected engine is running but initial test – PASS was not provided within 4 minutes after device detected engine run
- this requires the deliberate “bypassing” of the interlock wiring but can be accomplished by push starting a vehicle with manual transmission

• **How is this information used?**

- look for passing test within few minutes after start violation and then look for subsequent “retest” – PASS entries (used to check validity of circumvention)
- if no subsequent passing breath tests & engine is not off for several minutes - indication circumvention is valid and client drove car for duration of time between circumvention and “engine off” event

IID Terminology

• Power Fail

- source of power was lost or disconnected (low vehicle battery voltage; tampering with power to device by disconnecting it; poor wire connection or short – detected with multiple power on/fails in short time span; blown fuse)

• How is this information used?

- power fails that last more than 60 minutes is cause for concern if log did not have “low battery” events preceding the power fail entry
- if client is tampering by disconnecting device from power it usually is done more than once and for long periods of time
- very short power disconnects of a minute or two should not be a concern

IID Terminology

• Connected or Disconnected Head

- not a violation or cause for concern
- allowable for client to remove head at end of driving event and take head unit inside

• How is this information used?

- concern only when the head connects and disconnects and there is a pattern after engine starts w/o a head connect shortly after

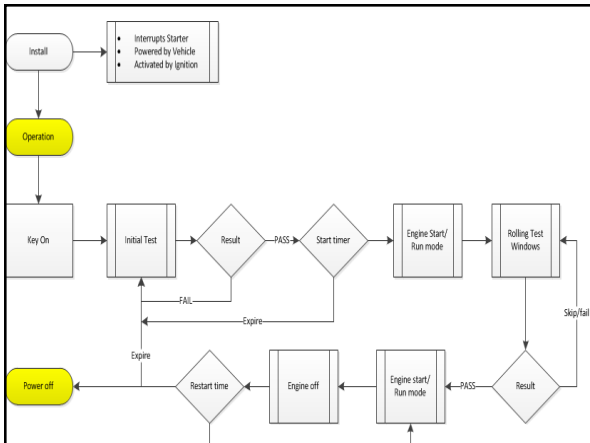
Installation



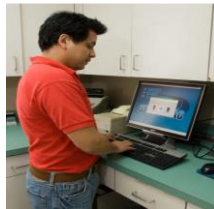
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INSTALLATION

- Sign lease agreement
 - Fees due at service
 - Responsible for device
- Written instructions
- Technician training
- Program checklist
- Interlock training video

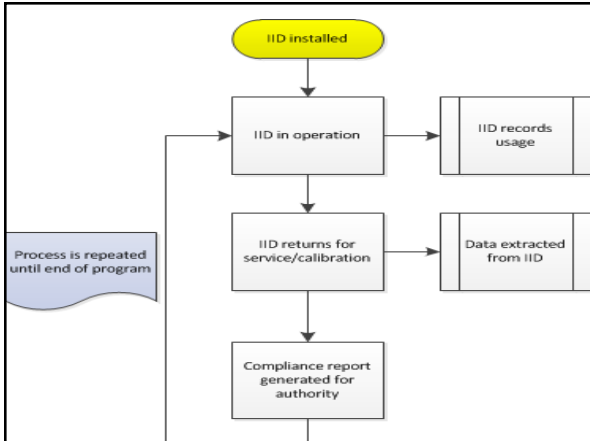


Service Process



Service

- Monthly the client schedules an appointment to service their IID at a Smart Start facility
- Service on average takes about 10 minutes
- Service includes download of the device data, calibration of the IID and payment of lease
- Data recorded by the IID goes through processing and generates a data report to be issued to the user's monitoring authority
- Vehicle inspection per TDPS



IID Terminology

• **Violation Lockout**

- interlock pre-set with allowable number of violations based on state regulations
- skips a test
- fails a test
- has illegal start or circumvention

• **How is this information used?**

- device enters a grace period before going into final lockout
- displayed on client's interlock screen
- this entry does not mean client is in violation; look at all events that occurred to create lockout condition

What Causes a Violation

- Ignoring a rolling test – displayed as a “Missed Test”
- Providing a sample on an initial or rolling test that is not a pass -displayed as a “FAIL” or “VIOL”
- Bypassing the device by starting your vehicle without providing a passing test - displayed as a “START VIOL”
- Disconnecting the handset unit from the curly cord while the engine is on

Environmental Alcohol
The Myths vs. The Truths

•**Environmental Alcohol**

- Mouthwash
- Air fresheners
- Hand sanitizer
- Cologne
- Foods & drinks

•**Dissipation Rate**

- Consumed vs. Environmental

Removal & Reports

Removals

- o**Appropriate judicial authority**
- o**Documented by vendor**
- o**Prohibited from removing another vendor’s device**
- o**Customer changes vendors**
 - **Appropriate judicial authority shall authorize the removal and transfer**

Removal & Reports

- oInstallation Notification
- oNon-Installation Notification
- oEvents Summary
- oLog File
- oRemoval
- oLockout
 - Service
 - Violation

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MONITORING AND ENFORCEMENT

- Who should monitor reports?
 - Court
 - Prosecutor
 - Follow up upon installation

- Developing a policy for the county

- What happens if the bond is violated?
 - Prosecutor motions
 - Show cause motions

Page 1 of 3

Smart Start Ignition Interlock Report

Smart Start: 136616
Device Model: SSI-2100
Address: 6302 Park Vista Circle, Ste 200,
Waco, TX 76798

Phone #: 800.666.0264
Fax #: 817.515.0200

Vendor Representative: Amtronics, Miguel
Date of Service: 02/15/21
Report Generation: 02/15/21
Report Period: 02/11 10:28 AM - 02/11 10:28

Client Information:
Case #: [REDACTED]
SPNOC/ACT #: [REDACTED]
County: Tarrant
Installation Date: 02/11/21
Removal Date: [REDACTED]
DOB: [REDACTED]
Address: [REDACTED]

Monitor Information:
Name: Marisa Bledsoe
Address: 1314 Lamar
Fort Worth, TX 76106
Phone #: 817.515.0200
Fax #: 817.515.0200
E-Mail: EMail@TarrantCounty.com
Callback: None
Delivery: Email

DL #: [REDACTED]
Phone #: [REDACTED]

Vehicle Information:
Make: [REDACTED]
Model: [REDACTED]
Year: [REDACTED]
VIN: [REDACTED]

Summary of Events:
High State: 0
Warnings (0.000): 0
High Brack (0.000): 0
Rolling Retard (0.000): 0
Rolling Retard (0.000): 0
Engine Stop: 0
Engine Stop: 0
Power Off: 0
Power On: 0
Hardset Occurrence: 0
Hardset Occurrence: 0
Authorized Start: 14
Abuse: 0
Violation Lockout: 0
Violation #: 02/15/2021
Relay #: 02/15/2021
Camera ID#: 100
Calibration Confirmation: 02/03

Detailed Events		Page 2 of 3
View related photos		
Sunday, April 24, 2011		
10:35:02 AM	Ignition On	
10:35:06 AM	Engine Start	
10:35:02 AM	Connected Head	
View Photo	Picture Requested	Test Started
10:35:01 AM	Alert - Vision Time	
View Photo	Picture Requested	Test Started
10:35:01 AM	Alert - Vision Time	
View Photo	Picture Requested	Test Started
10:35:01 AM	Alert - Vision Time	
View Photo	Picture Requested	Test Started
10:37:02 AM	Enter Test Location	0:00
10:37:02 AM	Connected Head	
10:36:45 AM	Disconnected Head	
10:36:45 AM	Ignition Off	
10:36:45 AM	Engine Stop	
Wednesday, May 4, 2011		
3:15:10 PM	Connected Head	
3:15:10 PM	Ignition On	
3:15:10 PM	Engine Start	
3:15:10 PM	Connected Head	
View Photo	Picture Requested	Test Started
3:15:05 PM	Enter Test Location	0:39
3:15:05 PM	Ignition Off	
3:15:05 PM	Engine Stop	
3:15:05 PM	Disconnected Head	
3:15:05 PM	Ignition On	
3:15:05 PM	Engine Start	
3:15:05 PM	Connected Head	
View Photo	Picture Requested	Test Started
3:15:05 PM	Alert - Vision Time	
3:15:05 PM	Picture Requested	0:04
3:15:05 PM	Ignition Off	
3:15:05 PM	Engine Stop	
3:15:05 PM	Disconnected Head	
Wednesday, May 11, 2011		
3:12:29 PM	Connected Head	
3:12:29 PM	Ignition On	
3:12:29 PM	Engine Start	
View Photo	Picture Requested	Test Started
3:12:29 PM	Alert - Vision Time	0:00
View Photo	Picture Requested	
3:12:29 PM	Picture Requested	Rolling Retard - 1 min.
View Photo	Picture Requested	Rolling Retard
3:12:29 PM	Picture Requested	Rolling Retard
View Photo	Picture Requested	Test Started
3:12:29 PM	Rolling Retard Requested	0:00

Detailed Events		Page 3 of 3
View related photos		
Monday, May 16, 2011		
3:48:07 PM	Ignition Off	
3:48:07 PM	Engine Stop	
3:48:07 PM	Disconnected Head	
Monday, May 16, 2011		
10:12:37 PM	Ignition On	
10:12:37 PM	Engine Start	
10:12:42 PM	Connected Head	
View Photo	Picture Requested	Test Started
10:12:42 PM	Picture Requested	0:04
10:12:42 PM	Ignition Off	
10:12:42 PM	Engine Stop	4620 miles remaining
10:12:42 PM	Disconnected Head	
10:12:42 PM	Ignition On	
10:12:42 PM	Engine Start	
10:12:42 PM	Connected Head	
10:12:42 PM	Picture Requested	Rolling Retard - 1 min.
View Photo	Picture Requested	Rolling Retard
10:12:42 PM	Picture Requested	Rolling Retard
View Photo	Picture Requested	Test Started
10:12:42 PM	Rolling Retard Requested	0:00

Smart Start's official interpretation of this client's data is as follows:
There were 77 engine starts during the reporting period which indicates normal usage of the vehicle.

SmartStart is introducing new reports to make you aware of installations, clients who do not show up for installation, and clients who do not return for service (forfeits). For more information about these reports call your SmartStart customer care representative at 800-880-3364.
Reports are available via web, e-mail, or fax. Please call us at 800-880-3364 so you can receive reports the next business morning after alerts are processed. Visit SmartStart at www.smartstart.ca.com

PORTABLE ALCOHOL MONITORING

- PAM (Portable Alcohol Monitoring) DEVICES**
- CELLULAR**


PAM Devices



DEFINITIONS

- Programmable Test Periods
- Random Testing Periods
- Events Log
- BrAC Failure
 - Fail level of .02

REPORTS

SMART START		Smart Start IN-HCM Violation Report		Page 1 of 3																																																		
Model:	1134	Unit ID:	00000000000000000000	Report Generated:	9/20/18 12:28 PM																																																	
Revision:	00000000000000000000	Program:	00000000000000000000	Report Date:	9/20/18 12:28 PM																																																	
Address: 800 WASHINGTON ST SW Suite 400 Atlanta, GA 30333 Phone # (404) 525-1234 Fax # (404) 525-5678 Email # info@smartstart.com		Reference Photos: 		Installation Date: 10/15/17 12:00 PM Next Service Date: 09/15/2019 Report Date:																																																		
Phone #: (404) 525-1234 Phone #: (404) 525-5678 Phone #: (404) 525-9012		Manufacturer: Smart Start Model: 1134 Revision: 00000000000000000000		Program #: 00000000000000000000 Report #: 00000000000000000000																																																		
Installation Date: 10/15/17 12:00 PM Next Service Date: 09/15/2019		Calibration Checks: Last Calibration: 09/15/18 Status: Pass																																																				
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Performance Summary: <table border="1"> <thead> <tr> <th>Day</th> <th>Monday</th> <th>Tuesday</th> <th>Wednesday</th> <th>Thursday</th> <th>Friday</th> <th>Saturday</th> </tr> </thead> <tbody> <tr> <td>09/15/18</td> <td>0.02</td> <td>0.01</td> <td>0.03</td> <td>0.02</td> <td>0.01</td> <td>0.02</td> </tr> <tr> <td>09/16/18</td> <td>0.01</td> <td>0.02</td> <td>0.01</td> <td>0.03</td> <td>0.02</td> <td>0.01</td> </tr> <tr> <td>09/17/18</td> <td>0.02</td> <td>0.01</td> <td>0.03</td> <td>0.02</td> <td>0.01</td> <td>0.02</td> </tr> <tr> <td>09/18/18</td> <td>0.01</td> <td>0.02</td> <td>0.01</td> <td>0.03</td> <td>0.02</td> <td>0.01</td> </tr> <tr> <td>09/19/18</td> <td>0.02</td> <td>0.01</td> <td>0.03</td> <td>0.02</td> <td>0.01</td> <td>0.02</td> </tr> <tr> <td>09/20/18</td> <td>0.01</td> <td>0.02</td> <td>0.01</td> <td>0.03</td> <td>0.02</td> <td>0.01</td> </tr> </tbody> </table>						Day	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	09/15/18	0.02	0.01	0.03	0.02	0.01	0.02	09/16/18	0.01	0.02	0.01	0.03	0.02	0.01	09/17/18	0.02	0.01	0.03	0.02	0.01	0.02	09/18/18	0.01	0.02	0.01	0.03	0.02	0.01	09/19/18	0.02	0.01	0.03	0.02	0.01	0.02	09/20/18	0.01	0.02	0.01	0.03	0.02	0.01
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Contact for Questions

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