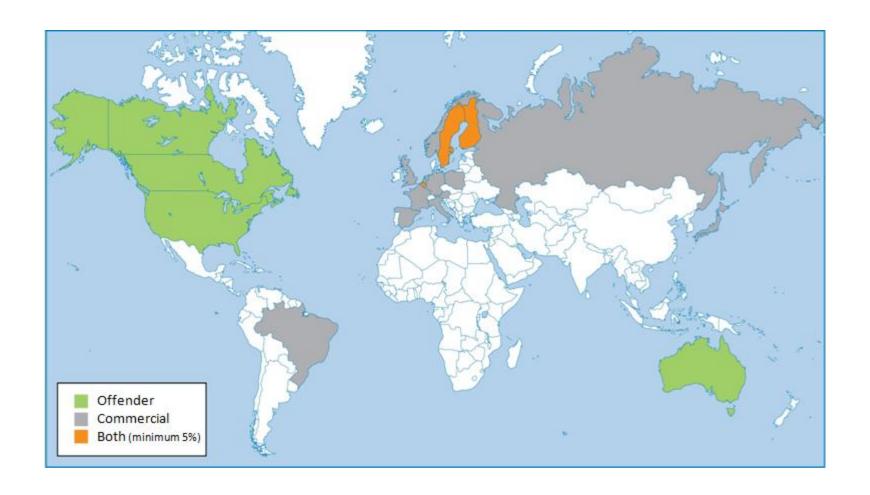




Alcohol Interlock Presence in the World





Significant Events



1985:	First Semiconductor Alcohol Interlock developed
1986:	First legislated Alcohol Interlock program, California USA
1989:	First Alcohol Interlock program in Alberta, Canada
1994:	First Electro-chemical Alcohol Interlock developed
1999:	First Commercial Alcohol Interlock pilot program in Sweden
1999:	Swedish Alcohol Interlock pilot program starts
2005:	Volvo Truck introduces the first production fitted Alcohol Interlock
2008:	Volvo Car introduces wireless integrated Alcohol Interlock



Volvo Truck Alcolock



Volvo Car Alcoguard







Alcohol Interlock Symposium





2000: First Interlock Symposium in Montreal, Canada

26 participants from 3 countries

2011: 12th International Alcohol Interlock Symposium in Palm Springs, California

175 participants from 18 countries

2012: 13th International Alcohol Interlock Symposium Helsinki, Finland

August 2012 Hosted by Trafi (Finnish Transport Safety Agency).

http://www.interlocksymposium.com

Alcohol Interlock Standards



Europe

CENELEC EN50436-1 (2005)* Instruments for drink-driving-offender programs

CENELEC EN50436-2 (2007)* Instruments having a mouthpiece and

measuring breath alcohol for general preventive use 2

USA

NHTSA Docket No. 91-07

(1992)*

Model Specifications for Breath Alcohol Ignition

Interlock Devices (BAIIDs)

Australia

AS 3547 (1997)

Breath alcohol testing devices for personal use

Alberta

355A02-01 (1992)

Qualification test specification for Breath Alcohol Ignition Interlock Devices (BAIID) for use in the

Province of Alberta

Canada

CSTT-HVC-TR-114

(2011)

Technical Standard for Vehicular Breath Alcohol

Interlock Devices in Canada

Final draft to be delivered in 2011

Japan Breath Alcohol Interlock Technical Guideline (Draft)

^{*} Currently under revision

Quality assurance



Regular inspection and calibration of the Alcohol Interlock

Review of the events log to ensure driver compliance

Certification and annual inspection of calibration facilities

Certification of technical staff performing Alcohol Interlock Calibration

Requirement of ISO 9001 for all facilities supplying, installing and calibrating Alcohol Interlocks

Research groups



ETSC European Transport Safety Council

http://www.etsc.eu

TIRF Traffic Injury Research Foundation

www.trafficinjuryresearch.com

PIRE Pacific Institute for Research and Evaluation

www.pire.org



Drink Driving in commercial transport ETSC European Transport Safety Council http://www.etsc.eu

Ignition Interlocks: From Research to Practice, A primer for judges Traffic Injury Research Foundation www.trafficinjuryresearch.com

Alcohol Interlock in Canada: From Research to Practice Traffic Injury Research Foundation www.trafficinjuryresearch.com

Alcohol Interlock Programs: Vendor Oversight Traffic Injury Research Foundation www.trafficinjuryresearch.com

Alcohol Ignition Interlock Devices Volume II Research, Policy, and Program Status 2005
THE INTERNATIONAL COUNCIL ON ALCOHOL, DRUGS & TRAFFIC SAFETY http://www.icadts.org



2005	New Mexico Mandatory first offender Reduced recidivism
2010	Netherlands Alcohol Ignition Interlock program. Mandatory for high BAC (BAC 1.3 – 2.1 per mille)
2010	British Columbia introduces new impaired driving law. Open ended, extension for non compliance
2010	France introduces the first commercial regulation requiring Alcohol Interlocks in all buses transporting school children. 60,000 vehicles to be installed
2011	Finland introduces regulation requiring Alcohol Interlocks in all buses / taxis transporting school children.



There are over 750 million motor vehicles in the world today, and over 50 million built per year.

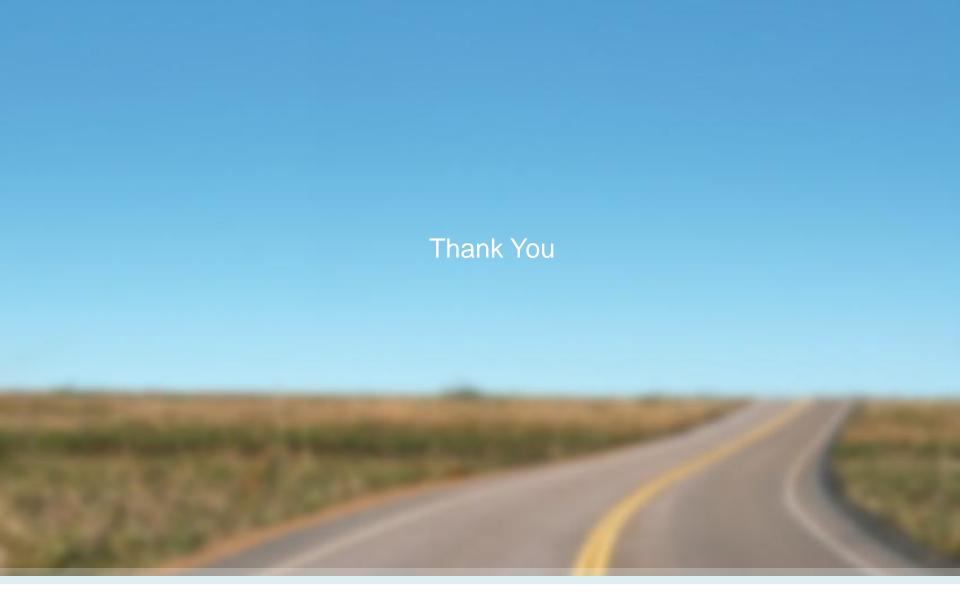
There are less than 500,000 Alcohol Interlocks currently installed in vehicles. Less than 0.00007% of all vehicles on the road.

Widespread use of Alcohol Interlocks can lead to increased traffic safety.

Cost reductions and new technologies are directly related to production volumes.

Legislative changes and regulation will drive production increases and new technological solutions thereby increasing traffic safety

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