# DRIVER EDUCATION

OUTREACH that saves lives and prevents injuries





# PRODUCT CATAL





## FATAL VISION IMPAIRMENT GOGGLES



Safe Drive Training is the exclusive distributor for Fatal Vision Alcohol Education products. Fatal Vision Goggles are used extensively by over 1000 High schools, Driving Schools, Community Groups, Health Departments, Police Services and Transport Departments across the Asia-Pacific region to demonstrate the driving impairments inherent with alcohol and drug consumption.

The mission of Fatal Vision is to promote safety in our schools and communities and to contribute to the reduction of alcohol and other drug related fatalities and injuries through innovative, interactive and fun educational programs. Fatal Vision Goggles are a specially designed and manufactured goggle that simulates the visual impairment caused by drugs or alcohol. Viewing through the goggles is rather clear, but confusing to the mind. Normal movements are affected which produces one of the effects of intoxication. Both the wearer and those observing are convinced that such impairment makes activities with known risks, such a driving vehicles, very dangerous. THE IMPACT IS LONG LASTING......The principle underlying the goggles is to demonstrate how quickly an impaired driver can turn fun into devastating consequences. Program materials will help you put this dynamic principle into action. When people directly experience impairment while trying to do a task, the lesson sticks. Research shows that those who learn from hands on experience retain two to four times more than those who learn from just listening or listening and seeing. Don't say DON'T...show them WHY!



## DON'T JUST TALK ABOUT IT ... SIMULATE THE IMPACT







GET REAL ABOUT THE RISK OF MARIJUANA IMPAIRED DRIVING







### MARIJUANA

## ALCOHOL

## CONCUSSION



The Marijuana Goggle Simulation Experience is the perfect training tool to start discussions about recreational drug use. It has a colour filter and causes the wearer to experience disorientation.

Please Note: this goggle must be used with the additional resources in the training kit.



The Marijuana Goggles when used with the training kit activities, deliver a memorable lesson about the impact of marijuana impairment to help you address such topics as impaired driving or substance abuse.

The **Danger in Every Step (D.I.E.S.)** floormat compliments the use of any of the Fatal Vision Goggles.





The Fatal Vision Alcohol Goggles deliver memorable lessons on topics like impaired driving, underage drinking and other substance abuse issues. There are 5 different levels of impairment, allowing the participant to experience low impairment through to high levels of intoxication. There are also clear for simulating lenses daytime impairment and tinted lenses for nighttime impairment.

- WHITE: (B.A.C. of < .06)
- BRONZE: (B.A.C. of .07 .10)
- **RED:** (B.A.C. of .12 .15)
- SILVER: (B.A.C. of .17 .20)
- **BLACK:** (B.A.C. of > .25+)



**Tunnel Vision Lenses (TVL)** are an add-on resource that can be used with the Alcohol Goggles. The TVL create the tunnel vision effect of alcohol impairment on peripheral vision and allow users to experience the potential consequences on their driving.





The **Concussion Goggle** is an awareness tool that is specifically constructed to simulate the potentially debilitating effects of a traumatic brain injury (TBI).

These goggles are being used to deliver programs to sporting teams, schools and community organisations about concussions, helmet and seat belt safety. Participants will experience simulated TBI symptoms such as dizziness, visual disconnect, disorientation, hesitation, confusion, apprehension and lack of confidence when trying to perform simple activities while wearing these unique goggles.



**Concussion Training Kits** are available which include resources and educational games to help the trainer to deliver better lessons.





Tunnel Vision Lens



Introducing the Tunnel Vision Lens, or TVL,<sup>™</sup> from Innocorp, Ltd., the makers of the internationally popular Fatal Vision<sup>®</sup> Impairment Simulation Goggles. Designed to work with the Fatal Vision<sup>®</sup> Goggles, TVL<sup>™</sup> is the newest tool available to help you deliver a more realistic lesson about the consequences of alcohol misuse and abuse.

(((TVL)))

The most REALISTIC simulation of ALCOHOL IMPAIRMENT available today!

### WHAT IS TUNNEL VISION AND TVL™?

People who have consumed relatively moderate amounts of alcohol experience reduced peripheral vision, and are less likely to perceive or recognize objects and signals outside the central visual field. This change in focus and judgment can be described as tunnel vision. A person that is experiencing tunnel vision may intently focus on an object directly in front of them but not be aware of what is happening outside of their central visual field. A car, a person or an animal will not catch their attention until it/they have moved from their peripheral vision into their line of central vision when it may be too late to react safely. The Tunnel Vision Lenses (TVL<sup>™</sup>) are a set of self-adhesive lenses applied to the Fatal Vision<sup>®</sup> Goggles that will restrict a person's peripheral vision. There are three levels of TVL<sup>™</sup> that are correlated to increasing levels of intoxication, .10 B.A.C., .15 B.A.C., and .20 B.A.C. with decreasing levels of peripheral vision.



The TVL<sup>™</sup> Lens Package is currently available for the Fatal Vision<sup>®</sup> Bronze, Red and Silver Label Impairment Goggles. Fatal Vision<sup>®</sup> Goggles sold separately.

### HOW DOES TVL<sup>™</sup> WORK?

Est. BAC .12 to .15+

When law enforcement suspects a driver of being under the influence of alcohol, the officer may conduct a Horizontal Gaze Nystagmus (HGN) to assist in determining an individual's Blood Alcohol Concentration (B.A.C.). A person who has been properly trained to administer a HGN can accurately assess a person's B.A.C. based on when their eye muscles can no longer smoothly pursue an object moving across their field of vision. When an officer sweeps their finger across a person's field of vision, the eye begins to quiver at the angles described below and corresponds to their B.A.C. level.

B.A.C.	Peripheral Vision	Fatal Vision <sup>®</sup> with TVL <sup>™</sup>
0.10	40 degrees	Bronze Label (estimated B.A.C. of .0710+)
0.15	35 degrees	Red Label (estimated B.A.C. of .12–.15+)
0.20	30 degrees	Silver Label (estimated B.A.C. of .17–.20+)

TVL<sup>™</sup> comes in three levels and simulates an estimated loss of peripheral vision that is correlated to the angles at which the eyes quiver as measured during an HGN Test. Using the Fatal Vision<sup>®</sup> Goggles and the TVL<sup>™</sup>, participants will experience tunnel vision. TVL<sup>™</sup> will narrow the wearer's peripheral vision to focus their sight more directly in front of them; demonstrating the impact of missing cues outside of their direct line of sight.

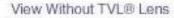






View With TVL® Lens

TVL Refill: includes 12 TVL lens sets for use on your choice of either Bronze, Red or Silver Goggles and a quick start guide



TVL Combo Pack: includes 12 TVL lens sets EACH for Bronze, Red and Silver Goggles, program binder and quick start guide

TVL Pack: includes 12 TVL lens sets for use on your choice of either Bronze, Red or Silver Goggles, program binder and quick start guide

## SAVE \$\$\$ BUY A KIT OR PACK





PROGRAM KIT	EVENT KIT	CAMPAIGN KIT			
PRODUCT	PROGRAM KIT	EVENT KIT	CAMPAIGN KIT		
Fatal Vision Alcohol Goggle	5 goggles	5 goggles	10 goggles		
Germicidal disposable wipes	1	1	1		
"Walk the Line" tape	1	1	1		
TVL lens combo pack	1	1	1		
Smash Match Impairment Challenge	_	1	1		
DIES Winding Sidewalk Mat	_	1	1		
DIES Roadside Sobriety and Stairs Challer	nge Mat –	1	1		
DIES Balcony Danger Mat	_	-	1		
Backpack	1	1	1		

((TVL)))

## **DIES® - IMPAIRMENT ACTIVITY MAT**



The **Danger in Every Step (D.I.E.S.)** floormat is a specially designed 3D printed floor mat to be used in conjunction with any of the Fatal Vision Goggles to provide an interactive demonstration of the dangers of alcohol and drug impairment (e.g. walking along the footpath, tripping over obstacles etc). There are 2 versions: the Winding Sidewalk Mat or the Roadside Sobriety Test and Stairs Challenge Mat. Each mat is 1.2 metres x 3 metres

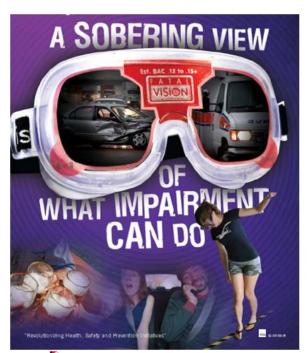




## ALCOHOL EDUCATION RENTAL KIT

For short-term or one-off usage we offer an Alcohol Education Rental Kit containing:

- ✓ 6 x Fatal Vision goggles (day and night versions with different BAC levels)
- ✓ 4 x standard drink measurement glasses
- 1 set of standard drink demonstration resin cups
- ✓ Walk the Line Tape
- ✓ Alcohol Education Posters
- ✓ Alcohol Education PowerPoint with training videos









### How much do you know about Standard Drinks?



Beer			Wine			Spirits		
Light	Mid-Strength	Full Strength	Red Wine	White Wine	Champagne	Straight	Pre-Mix	Pre-Mix
							VODKA	
2.7% Alc./Vol	3.5% Alc./Vol	<b>4.6</b> <sup>%</sup> Alc./Vol	12% Alc./Vol	12% Alc./Vol	12% Alc./Vol	40 <sup>%</sup> Alc./Vol	5% Alc./Vol	5% Alc./Vol
285ml	285ml	285ml	100ml	150ml	100ml	30ml	375ml	275ml
0.6	0.8	1.0	1.0	1.5	1.0	1.0	1.5	
507		-						



E: info@sdt.com.au P: (07) 3299 7723 Unit 18, 33-43 Meakin Road, Meadowbrook QLD 4131



**REDLINE** is a unique, self-testing, disposable, simple, inexpensive and laboratory calibrated alcohol breathalyser, which detects the presence of alcohol in the body and gives an accurate indication of whether the blood alcohol content has exceeded a specific limit.

#### Redline is the ONLY disposable breathalyser in the world to hold French, German and Australian Government approvals for both quality of performance and manufacturing standards.

Its low cost, accuracy and ease of use make the REDLINE testers ideal screening tools for:

PARENTS: Checking for teenage alcohol consumption

DRIVING SCHOOLS: Checking students (or instructors) for the presence of alcohol

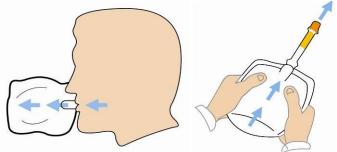
MOTORSPORT: Promoters/organisers to check for the presence of alcohol amongst competitors

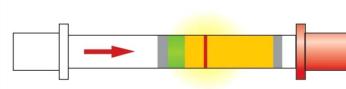
**BUS/TRUCK COMPANIES:** Checking drivers for the presence of alcohol before they depart

**COMPANIES:** Checking for alcohol consumption by workers, especially if workers are using vehicles, machinery, hazardous goods, power tools, working in hazardous areas, working at height, working with electricity/explosives/flammable goods or any other safety risk.

**SCHOOLS/COLLEGES/TAFE/UNIVERSITIES:** Checking students for the presence of alcohol, possibly at school formals, dances, school camps and sporting events

**MINING INDUSTRY:** REDLINE provides a non-invasive "first screening" with results available in 2 minutes. This then qualifies an individual for submission to a forensic-quality evidential test.





### ADVANTAGES OF REDLINE:

- ✓ Quick and Accurate
- ✓ Portable and Disposable
- ✓ Requires no batteries or power source
- ✓ A new test is conducted each time

Affordable Unlimited Shelf Life Easy to use No residual alcohol left in tester





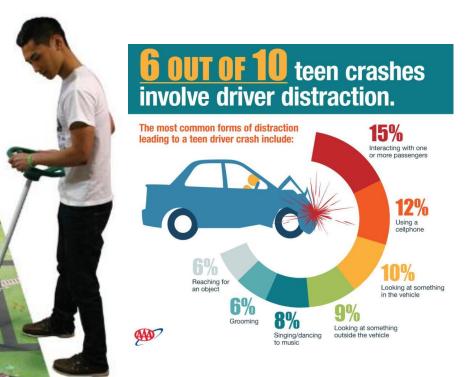
#### **DROWSY + DISTRACTED DRIVING GOGGLES**

These unique "blinking" goggles simulate the experience of drowsy driving [like micro sleeps] and distracted driving. Using the App, the instructor can control the blinking rate of the goggles. These are a perfect accompaniment to a driving simulator and any driver education program that targets fatigue or distracted driving.

#### DISTRACT – A – MATCH GAME

This shape matching game helps demonstrate in a fun and engaging way the impact of distractions on our judgment and reaction time. This tool provides a clear and easy to understand lesson about the impact distractions have on a person's ability to drive safely.





#### D.I.E.S. Distracted Driving Activity Mat

The participant drives around the simulated town obeying the road rules then a distraction is introduced and the person will find their ability to keep the vehicle on the road and obey the rules deteriorates dramatically.

## SMASH MATCH® IMPAIRMENT CHALLENGE





Smash Match<sup>®</sup> is a timed activity that involves the matching and placing of simple traffic-related shapes on

the Smash Match® mat, first without and then with the impairing effect of the Fatal Vision® Goggles. This activity shows that

once our senses are impaired, our ability to accomplish simple tasks is greatly diminished. The instructor relates this experience to the tasks involved in driving a motor vehicle and the significant risks associated with driving impaired.

Smash Match<sup>®</sup> is a new experience and activity for Fatal Vision<sup>®</sup> Goggle demonstrations that is sure to be a popular and engaging learning tool for your outreach and prevention efforts.

Instructional materials include a Smash Match<sup>®</sup> User's Guide that helps the instructor effectively deliver an experience about the dangers of driving impaired as participants work with their instructor to develop strategies to prevent impaired driving and promote sober driving.

### BENEFITS

#### • Easy to use

- A hands-on and engaging activity
- Delivers a memorable safety lesson

### OPTIONS

#### Smash Match® Plus Fatal Vision® Goggle

Includes: Smash Match<sup>®</sup> impairment challenge mat, shapes, digital timer, Smash Match<sup>®</sup> carrying bag, user guide, and Fatal Vision<sup>®</sup> Silver Label Clear Goggle.

#### **Smash Match®**

Includes: Smash Match<sup>®</sup> impairment challenge mat, shapes, digital timer, Smash Match<sup>®</sup> carrying bag and user guide.



## PHONE CELL

This practical zip-up PVC bag provides the driver a means to zip up phone distractions while driving. The call to action is clear, "Park your Phone, Drive your Car." Each bag comes with a card that gives a sobering fact on distracted driving on one side and a catchy tag line on the other side. Each bag comes standard with: PVC bag, carabineer attachment, and an insert card. A very useful give-away item!



## **STOP THE TEXTS. STOP THE WRECKS.**

## DISTRACT-A-MATCH®2 MULTITASK CHALLENGE







Deliver a hands-on and engaging activity that powerfully demonstrates our susceptibility to distraction and the dangers of distracted driving.

Fatal Reaction<sup>®</sup> and Distract-A-Match<sup>®</sup>2 are the ideal tools to help you deliver a simple and effective lesson about the dangers of distracted driving. Distract-A-Match<sup>®</sup>2 is a simple puzzle game that uses a timed multi-tasking activity to deliver a hands-on lesson about our inability to multi-task . The lesson begins when the participant races against the clock to place shapes. The activity is then repeated, this time using a distraction such as typing a text message on a cell phone or wearing the Fatal Reaction<sup>®</sup> audio distraction unit. The activity ends when participants compare their first and second attempts playing the game. Typical results show that people will be slower and make more errors when distracted.

The **Fatal Reaction**<sup>®</sup> audio distraction unit is a tool that is used to help demonstrate the effects of cognitive distraction or impairment. Alcohol impairment, cell phones, eating, and tuning a radio, are common activities that can take your mind off the task of driving. Fatal Reaction<sup>®</sup> simulates a cognitive distraction when participants try to play Distract-A-Match<sup>®</sup>2 while wearing the unit. Delayed audio feedback provides a slight echo effect that causes the participant to lose their focus. This additional focus takes away from their ability to complete the game and perform the multi-task activity in a timely and efficient manner.

The experience gained by using the Distract-A-Match®2 and Fatal Reaction® delivers a memorable experience about how easily distractions and alcohol impairment can take away from a driver's ability to safely operate a motor vehicle.





The game is easy when the participant is not distracted

## HOW DOES DISTRACTION AFFECT MY REACTION?



Talking while playing turns a simple task into a difficult activity



Deliver an activity that engages your entire audience

## BENEFITS

- Safe demonstration of cognitive distraction
- Easily integrated into existing safety programs
- Delivers a memorable experience

## **STOP THE TEXTS. STOP THE WRECKS.**

## FATAL REACTION® AUDIO DISTRACTER UNIT



roitare



#### Distract-A-Match®2 Game

### OPTIONS

#### Distract-A-Match®2 and Fatal Reaction®

Includes: Distract-A-Match®2 Game, Fatal Reaction® audio distraction unit and remote, headset with microphone, user guide, and hard carrying case.

#### Distract-A-Match®2 Game Only

Includes: Game mat, assorted shapes, digital timer, carrying bag, and user guide.

#### Distract-A-Match®2 and Fatal Reaction® with Distract-A-Match®2 the Event Edition

Includes: Distract-A-Match®2 Game, Fatal Reaction® audio distraction unit and remote, headset with microphone, Fatal Reaction® program guide, user guide, hard carrying case, and Distract-A-Match®2 the Event Edition.

#### Distract-A-Match®2 the Event Edition Only

Includes: A 48" x 60" game mat, assorted shapes, digital timer, user guide, and aluminum backdrop stand with carrying case.

#### Distract-A-Match®2 the Event Edition Plus

The perfect bundle for larger classes and groups. Includes: 1 Distract-A-Match®2 the Event Edition, 6 Distract-A-Match®2 Game, and 1 Fatal Reaction® audio distraction unit.

## **MARIJUANA SIMULATION EXPERIENCE**



The Fatal Vision® Marijuana Simulation Experience is a hands-on awareness-building tool that simulates the distorted processing of visual information, loss of motor coordination, and slowed decision making and reaction time resulting from recreational marijuana use.

The purpose of the Fatal Vision<sup>®</sup> Marijuana Simulation Experience is to give participants an understanding of cognitive impairments associated with recreational marijuana use and to demonstrate the potentially severe consequences that can result.

"Our goal with this program is to give students experiences to reflect on. Innocorp has knocked it out of the park with the Fatal Vision® Marijuana Simulation Experience. It's so much better than a lecture or a video; It's hands-on, and that's how students learn ... it's exactly what drug educators need." - Norma Sower, Project Save Our Children

## A TOTALLY NEW EXPERIENCE THAT SPECIFICALLY ADDRESSES MARIJUANA'S IMPAIRMENT

- Simulates recreational marijuana's impact on short-term memory and executive function
- Simulates altered visual perception and slight motor coordination
- Simulates slowed reactions



ACTIVITY #1 Distorted perception and response to visual information and important visual cues



ACTIVITY #2 Impaired problem solving skills, and memory also known as executive function

PLAY PROMO

VIDEOS

· Includes activities specifically addressing the impairments contributed to recreational marijuana use · Includes instructional materials and videos to guide program delivery for each activity







ACTIVITY #5 AND #6 Impaired motor skills, memory and decision making abilities





GET REAL **ABOUT THE RISK OF** MARIJUANA IMPAIRED DRIVING

DELAYED REACTION TIME

IMPAIRED MOTOR SKILLS

IMPAIRED SHO

PAIRED PROBLEM-SOLVING







The Fatal Vision® Concussion Goggle brings awareness to people of all ages about their susceptibility to head trauma and educates them on what steps to take if

someone sustains a Traumatic Brain Injury (TBI).

The Fatal Vision<sup>®</sup> Concussion Goggle is a hands-on awareness tool that is specifically constructed to simulate the potentially debilitating effects of TBI caused by a bump, blow, or jolt to the head or body.

Instructional materials include lesson plans for elementary and high school/college ages, hands-on demonstration activities, and pre/post tests to help drive the lesson home. This program can be delivered as a standalone program or as a supplement to an existing concussion presentation or curriculum.

The lesson begins with participants being led through an interactive presentation that combines a classroom discussion with simple mental, physical, and dexterity tests. Students will first perform these tests without the Fatal Vision® Concussion Goggle to establish a clear baseline or measure of their physical and mental capacities without the effects of a TBI. Immediately after establishing the baseline, students perform these tests while wearing the Fatal Vision<sup>®</sup> Concussion Goggle. The results are immediate, students experience the simulated TBI symptoms of dizziness, visual disconnect, disorientation, hesitation, apprehension, confusion, and lack of confidence. When compared to their baseline performance, participants gain a new appreciation for their own susceptibility to TBIs and the potential consequences.

### BENEFITS

- · Engaging and hands-on
- · Promotes a clear safety and
- awareness lesson
- · Simple to use
- · Easily implemented into existing program
- · Provides an experience that people will remember





Fatal Vision® Concussion Goggle Packages raise awareness on effects of head trauma, promotes steps to prevent concussions and encourages following concussion recovery protocol.



PROGRAM KIT



CAMPAIGN KIT



### PLAY PROMO



**ESDT** 



SIMULATOR DRIVER TRAINING

## SIMULATOR RANGE









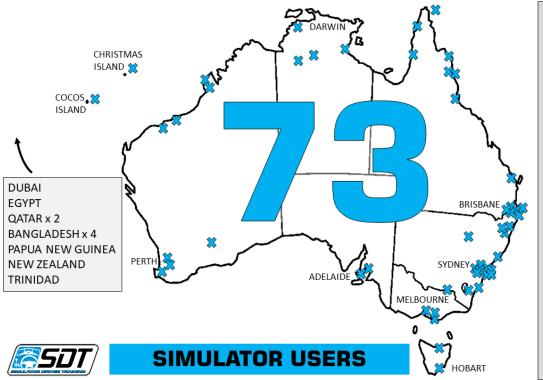
SDT - 21A MODEL

SDT - 21B MODEL

SDT - 21C MODEL

SDT - 21D MODEL

#### There are 73+ users of our simulators across multiple countries



CAIRNS x 2 TOWNSVILLE **BUNDABERG x 2** BRISBANE x 4 GOLD COAST x 4 LISMORE GRAFTON x 2 TAREE GOSFORD SYDNEY x 11 CANBERRA WOOLONGONG x 3 ALBURY x 2 PARKES DUBBO MELBOURNE x 3 HOBART LAUNCESTON ADELAIDE x 2 KALGOORLIE PFRTH x 2 BUNBURY KARRATHA PORT HEDLAND COCOS ISLAND CHRISTMAS ISLAND BROOME x 2 DARWIN KATHERINE x 3

CAPE YORK x 3 COOKTOWN



## DRIVING SIMULATOR RENTAL













#### We offer 2 rental options:

- A half day or full day rental of a triple screen simulator trailer with an instructor to run the program (this is only available in limited locations)
   Prices are \$550 per half day and \$880 per day (based on maximum 150km travel distance)
- 2. A longer rental of a basic simulator system for you to facilitate your own training program (see next page)

Simulators allow drivers to experience:

- · different traffic volumes and driver aggression
- variable road conditions (motorways, mountains, city, off-road)
- different weather (rain, snow, ice and fine weather)
- different visibility (day, night, sun glare, dust. fog)
- emergency scenarios (simulated crashes)
- vehicle problems (flat tyre, brake failure, steering malfunction)

A driving simulator used in conjunction with the correct impairment goggle can be used to demonstrate the dangers of Alcohol, Drugs, Distractions or Fatigue.











#### **RENTAL INCLUDES:**

- Driving Simulator frame with steering wheel, pedals and gear shifter (can be used as manual, clutchless manual or auto)
- Computer loaded with City Car Driving simulation software (commercial edition)
- ✓ Hard Storage Crate (with wheels)
- Instructions for Simulator setup and use YOU WILL REQUIRE:
- Chair for simulator driver to sit in
  Monitor screen (via HDMI to computer)

#### **USE THE SIM TO DEMONSTRATE**

- ✓ Alcohol Impairment (no goggles needed)
- ✓ Distracted Driving (texting, eat/drink)
- Braking Distances vs Speed
- Reckless Driving (handbrake spins/speeding)
- ✓ Dangers of Tailgating (car in front brakes)
- Emergency Driving Scenarios
- ✓ Vehicle Crashes (into trees/poles/vehicles)
- ✓ Change of Weather (*change of tyre grip*)
- ✓ Change of Lighting (*night, sun glare, fog*)
- Physics in Motion (Newton's laws)

#### RENTAL FEE: Southeast QLD region (Brisbane, Sunshine Coast, Gold Coast, Ipswich, Warwick, Toowoomba) \$1320 inc GST for up to 7 business days including delivery and collection

+\$110 per day thereafter until returned

### **RENTAL FEE: rest of Australia\***

#### \$1980 inc GST for up to 9 business days including delivery and collection +\$110 per day thereafter until returned

#### \* a surcharge may apply for remote locations (small towns in regional/remote locations)

NOTE: Renter **must have** people available who are experienced with computers, gaming and simulation. All users **must be** 16+ (no children allowed). The renter **is liable** for any damage to the simulator and all accompanying training equipment while in your possession. Insurance coverage while in transit is covered by SDT.





E: info@sdt.com.au P: (07) 3299 7723 Unit 18, 33-43 Meakin Road, Meadowbrook QLD 4131

## Additional rental items

### THESE RESOURCES CAN ENHANCE YOUR TRAINING PROGRAM





**FATAL VISION ALCOHOL IMPAIRMENT GOGGLES:** These unique goggles demonstrate the impairment of alcohol consumption on a person's vision and co-ordination. The goggles can be used for a walk-the-line sobriety test or used with a driving simulator for a unique anti-drunk driving demonstration. The goggles are available in 5 different BAC levels which allow a person to experience different levels of alcohol impairment (eg. the effect of being at the legal limit compared to several times over the limit). The goggles come with either a clear (daytime) lens or tinted (night-time) lens to simulate impairment at night.

#### DANGER IN EVERY STEP FLOOR MAT:

This specially designed 3D printed floor mat is used in conjunction with any of the Fatal Vision Goggles to provide an interactive demonstration of the dangers of alcohol and drug impairment (e.g. walking along the footpath, tripping over obstacles etc). Size is 1.2 metres x 3 metres



#### ALCO-CUPS + STANDARD DRINKS KIT:

This rental kit includes cups marked with the standard drinks for various types of alcoholic beverages and resin filled glasses to simulate a standard drink for beer, wine and spirits.

**DISTRACT A MATCH GAME:** This unique shape matching game helps demonstrate in a fun and engaging way the impact of distractions on our reaction time and judgment. This tool provides a clear and easy to understand lesson about the impact distractions have on a person's ability to drive safely.





**DROWSY & DISTRACTED DRIVING GOGGLES:** These unique "blinking" goggles simulate the experience of drowsy driving [like micro sleeps] and distracted driving. Using the App, the instructor can control the blinking rate of the goggles. These are a perfect accompaniment to a driving simulator and any driver education program that targets fatigue or distracted driving.

### **BUY SOME GIVE-AWAY ITEMS TO REINFORCE YOUR MESSAGE**

#### PHONE CELLS

Th practical zip-up PVC bag reminds the user to zip up phone distractions while driving. When the phone is in the bag, the message couldn't be clearer "Park your Phone Drive your Car." Each bag includes a distracted driving message card. This is a great give-away item to present to your program participants to reinforce the training provided. You can also fill the bag with other give-away items.



**REDLINE ALCOHOL TESTERS** are a simple to use disposable alcohol breathalyser, which detects the presence of alcohol in the body and gives an accurate indication of whether the breath alcohol content has exceeded a specific limit. Buy a box of these as a unique give-away item for the participants in your safety program.





## SIDNE® 6.0 SIMULATED IMPAIRED DRIVING EXPERIENCE®

Simulated Impaired DriviNg Experience<sup>®</sup>, or SIDNE<sup>®</sup>, is a battery-powered vehicle that simulates the effects of impairment from alcohol and other drugs on a motorist's driving skills. This highly interactive vehicle operates in two modes, Normal and Impaired. In Normal Mode, the vehicle's steering, braking, and acceleration respond appropriately. In Impaired Mode, the vehicle reacts with delayed steering, braking, and acceleration, simulating the effects of a vehicle being driven by an impaired driver.

The program instructor has complete control of SIDNE<sup>®</sup> through the use of an infrared remote control. The remote operates from a distance of up to 75 feet, allowing the instructor to change the vehicle between Normal and Impaired Mode, perform emergency braking, select the speed mode between 4 mph and 8 mph, and power off the vehicle. The lesson provided by SIDNE<sup>®</sup> is clear. Participants experience with a sober brain how it feels when reaction time is slowed and they are unable to make a turn or stop, even when they have ample time and space. This experience

helps the SIDNE<sup>®</sup> driver to identify first-hand with the potentially deadly consequences of alcohol and other drugs on their driving ability. Influencing your audience to consider alternative choices to impaired driving begins with engaging your audience in a meaningful experience and discussion about personal responsibility and the consequences of choice. SIDNE<sup>®</sup> is a tool that helps you accomplish that task.

We've made significant improvements to SIDNE® 6.0. The chain drive has been replaced by a belt drive delivering a smoother start up and the riding noise level has dropped significantly. SIDNE® now has active braking! This means greater stopping power and emergency braking for SIDNE®. We've paid attention to the smaller details as well. The pedal box is now shorter, making it easier to operate the accelerator and brake pedals. We've also moved the reverse switch to the top steering wheel. And we've added extensions to the seat belts making it easier for riders and passengers to buckle up!





Provides an actual driving experience. This is not a static computer generated simulation.

> "WONDERFUL IMPROVEMENT GOING FROM CHAIN DRIVE TO BELT DRIVE... THE DIFFERENCE IS NOTICEABLE. THE SMOOTHER RUNNING BRAKES MAKE IT EASIER TO TALK TO THE KIDS WHILE THEY'RE DRIVING." Sue, Summit County, OH

2 SIDNE units are currently in use in Australia by Vinnies Services located in Deniliquin (NSW) and YMCA Katherine (NT)

## **PHYSICS IN MOTION: SCIENCE EXCURSION**



THERE ARE 2 PARTS TO THE PHYSICS IN MOTION SCIENCE EXCURSION

#### PART 1: TRAINING VIDEOS

You will be sent a series of videos to prepare students for the excursion. There are 6 videos covering:

ACCELERATION VEHICLE DYNAMICS VEHICLE SAFETY SYSTEMS BRAKING G-FORCE CRASH ANALYSIS



A SCIENCE EXCURSION TO EXPERIENCE VEHICLE SAFETY AND THE LAWS OF MOTION

#### 2. PRACTICAL EXCURSION

Students then attend a 3 hour practical session and collect data for their Physics in Motion excursion workbooks.

#### Practical demonstrations and experiments will cover: BRAKING

Vehicle Safety Systems (ABS, AEB) **Braking Techniques Coefficient of Friction** Braking Distances vs Speed **Braking Distances vs Mass** Skid Mark Analysis

#### SPEED/VELOCITY

Speed & Velocity Measurements Radar Guns vs GPS vs Speedometer vs Distance over Time

#### **G-FORCE**

Acceleration vs Braking vs Cornering Vehicle Dynamics 100% Rule of Tyres Stability Control on/off How Seatbelts Function



#### VENUES:

RACQ Mobility Centre<sup>1</sup> (Cornubia) 9am start Greer Park Raceway (Helidon) 9:30am start

Also available in Townsville, Mackay, Emerald, Roma, Grafton, Armidale, Tamworth but additional costs apply

\$2750 inc GST This excursion is for up to 32 students with 2 instructors + 2 vehicles

\$4400 inc GST This excursion is for up to 60 students allowing physics classes from several schools to combine and share the cost. 4 instructors + 4 vehicles will be supplied

<sup>1</sup>The RACQ Mobility Centre imposes strict cancellation penalties which make us liable for the venue hire within 35 days of a proposed date. As such we must seek a non-refundable deposit of \$660 and the course must proceed regardless of the weather.



## **PHYSICS IN MOTION: SIMULATOR PROGRAM**



THERE ARE 2 PARTS TO THE PHYSICS IN MOTION SIMULATOR PROGRAM

#### 1: TRAINING VIDEOS

You will be sent a series of videos to prepare students for the excursion. There are 10 videos covering:







TO EXPERIENCE CRASHES AND THE LAWS OF MOTION

A SIMULATOR PROGRAM

2: SIMULATOR RENTAL The Driving Simulator will allow your Physics students to experience the following scenarios:

**Braking Distances vs Speed Reaction Time** Vehicle Safety Systems (ABS on/off) Unexpected Emergency Situations Vehicle Crashes (into trees/poles/vehicles) Change of Weather (friction from road) Change of Lighting (night, sun glare, fog) Tailgating Dangers Alcohol Impairment Mode Distracted Driving can be experienced THE RENTAL INCLUDES:

Driving Simulator frame with steering wheel, pedals and gear shifter

Computer loaded with City Car Driving simulation software (commercial edition) Hard Storage Crate (with wheels)

Instructions for Simulator operation

#### Chair for simulator driver to sit in

Monitor screen (via HDMI to computer)

RENTAL FEE: South-east QLD \$1430 inc GST for up to 7 business days includes delivery and collection +\$110 per day thereafter until returned

**RENTAL FEE: rest of Australia\*** \$2200 inc GST for up to 9 business days includes delivery and collection +\$110 per day thereafter until returned \* a surcharge may apply for remote locations

The renter is liable for any damage to the simulator and all accompanying training materials/equipment while in your possession. Insurance coverage while in transit is held by us.



SAFE DRIVE info@sdt.com.au P: 3299 7723

YOU WILL REQUIRE:

Congratulations to the following schools for investing in a Safe Drive Training program for their students









