



ROAD SAFETY DRIVER TRAINING SOLUTIONS

VIRTUAL REALITY (VR) GAMES BASED TRAINING

HEAVY VEHICLE SIMULATOR BASED TRAINING

Driving - AWARE Training Datasheet



Life Saving Rules

Management in the Oil and Gas industry can prevent 71% of all fatalities by implementing the Life-Saving Rules. Major Oil and Gas companies have demonstrated this successfully and saved many lives in the last decade. The International Association of Oil and Gas Producers (IOGP) has now simplified and standardised these rules. This makes the Life-Saving Rules available for all Oil and Gas companies. Many companies are now implementing the IOGP Life-Saving Rules and VIRSAT has developed the Life-Saving RulesAware® training that makes effective implementation simple.

Life-Saving Rules Trainings

For an effective implementation of the Life-Saving Rules, it is important that the workers know and understand the Life-Saving Rules. VIRSAT has effective training for this: the Life-Saving RulesAware® training, and Life-Saving RulesPro training.

Life-Saving RulesAware®

The Life-Saving Rules Aware® training is delivered with our Virtual Reality Headsets. It is a fun tool to further educate workers and promote a safe working environment. Playing the game ensures that the workers know the Life-Saving Rules. The Life-Saving Rules Aware® training shows that fun and safety can go together very well.

Innovative Learning

- Exceptional learning method
- Engaging workers
- Wins hearts and minds
- Learn through making mistakes
- Continuous learning made easy
- Learner mindset

What is Different?

- No need to travel
- Exciting training
- Faster training
- All levels of learning ability addressed
- Industry standard content

What's New?

- Significant safety improvement
- Far lower training costs
- Workers like it
- Significant CO2 emission reduction

Care-Free

- Headsets
- Training content
- Logistics
- Training records

Less Cost

- No instructor needed
- No travel time and cost
- Better recollection and understanding



ESSA Approach

ELIMINATES the need to develop training material in-house	SIMPLIFIES the training concentrating on the essential core	STANDARDISED, applies industry standard approach	AUTOMATE delivered with VR headset
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DriverPro - Blacktop Training Datasheet



Life Saving Rules

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Life-Saving Rules Trainings

For an effective implementation of the Life-Saving Rules, it is important that the workers know and understand the Life-Saving Rules. VIRSAT has effective training for this: the **Life-Saving RulesPro** training, and **Life-Saving RulesAware** training.

Life-Saving RulesPro®

Life-Saving Rules Pro® is a Virtual Reality serious game. The trainees join a day in a life of a worker. They follow the worker and need to intervene when a Life-Saving Rule non-compliance is noticed. Playing the game ensures that the worker knows, can apply and feels empowered to make interventions.

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DriverPro - Graded Road Training Datasheet



Driving on Graded Roads

Frequent accidents show that driving on graded road remains an area that needs continuous attention. Staying with the old approaches is not enough to break the back of this source of human sorrow. Our Road Safety Experts and Virtual Reality developers have made VR training specially for drivers on graded roads.

Virtual Reality Training for Drivers

For safe driving on graded roads, it is important that the drivers know and understand the Rules. VIRSAT has effective training for this Graded Road DrivingPRO®.

Graded Road DrivingPRO®

Graded Road DrivingPRO® is a Virtual Reality serious game. The trainees join a day in the life of a driver. They follow the driver and need to intervene when a non-compliance is noticed. Playing the game ensures that the trainee knows, can apply and will apply the rules. All key graded road rules are addressed. Also, important vehicle requirements and precautions are addressed.

Innovative Learning

- Exceptional learning method
- Engaging drivers
- Wins hearts and minds
- Learn through making mistakes
- Continuous learning made easy
- Learner mindset

What is Different?

- No need to travel
- Exciting training
- Faster training
- All levels of learning ability addressed
- OPAL-standard content

What's New?

- Significant safety improvement
- Far lower training costs
- Workers like it
- Significant CO2 emission reduction

Care-Free

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Less Cost

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ESSA Approach

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Graded Road Driving Simulator Training Datasheet



Good Technology Creates Great Safety

A century ago, the Wright Brothers developed the first plane. It was not very safe at first. Throughout the world clever engineers developed solutions for making planes safer. Key component of that was to train the pilots. Very sophisticated flight simulators are essential in pilot training now. From its very unsafe start, flying is now often the safest mode of transport.



In road safety we see the same developments, many features make the vehicle safer in case of incidents. Some new features help to avoid accidents. However, almost always the driver remains essential in preventing incidents. Drivers have a major responsibility for people and equipment. We trust our lives in driver's hands when we are a passenger.

For decades driver training has played an important role in preventing incidents. Current "on the road" driver training is essential for road safety. Recently the VIRSAT VR driving games were added to complement this road training. With these immersive training method drivers learn to fully understand and recall essential road safety rules and know when and where to apply them.

Graded Road Driving Simulator®

The last training step is from knowing and understanding to doing. On-the-road training remains important for that. However, it is also risky, if the training is realistic, and expensive. VIRSAT introduces the world's first driving simulator for graded roads to complement on-the-road training. With the Graded Road Driving Simulator® drivers can drive through dust, being in a pre-rollover situation and 10 other situations where many incidents happen. This is done in perfectly safe yet very realistic environment. VIRSAT Graded Road Driving Simulator® brings graded road driver training to a new level of sophistication and effectiveness. What flight simulators do for flight safety is now feasible and affordable for driver training with the VIRSAT Graded Road Driving Simulator®



How does it work?

The driver sees the road ahead in 3D and needs to react to realistic situations on the road. He has all vehicle controls and can feel the bumps in the road. Our sophisticated VR headset and 6 Degrees of Freedom simulator makes all this very realistic. Even accidents can "happen".

