

The
CoDriVR Project



Many of us grew up with the opportunity to get out, and learn to drive in old cars on empty roads. Mistakes were made of course but we usually escaped with a near miss or a few minor scrapes.

That situation no longer exists for most youth but we're still faced with the reality that driving skill only comes from driving practice.

With a well designed, simulated driving programme we can deliver the equivalent of real world driving experiences without real road consequences.

Help us to inspire our next generation to master the skill of driving, open new employment opportunities, and contribute to a safer road environment.

Rhys Gardner / CEO

70%

of jobs require a driver's license, even if no tasks involve driving.

Shaw & Gates 2014



Young drivers are

600% - 800%

more likely to crash than our safest drivers.

MOT Young Drivers Report 2015



40%

Learner

of drivers wait up to 5 years before taking their next test.

NZTA data 2015

50%

Restricted

Getting a full license can take 10 years!



84%

of youth breach their learner or restricted license conditions

Brookland & Begg 2014

Driving offences are a common pathway to a criminal record.

What is CoDriVR?

CoDriVR is a driver education system.

Our latest virtual reality simulator is being created for teenagers and adults who want to learn or practice how to drive; preparing them for a lifetime of experience, reflection and application to master this essential skill.



Picture: Roncalli College student

We are developing a step by step programme with two key goals:

- Support progress from learner, to restricted, to a full license.
- Instill safe driving habits and awareness from the start, to improve driving in the real world.

CoDriVR is being developed to work alongside existing driver programmes, to provide an effective tool that shapes student confidence and competence in driving, in a consequence free environment.

Barriers to Learning

Anxiety

Lack of confidence

Fear of failure

Access to a vehicle

Being taught outdated knowledge or bad habits

Expense of professional driving lessons and tests

Source: The Case for Change Driver Licensing Challenge
The Auckland Co-Design Lab 2016

How Does CoDriVR Operate?

- Learner led
- Immersive virtual reality environment
- Driving real roads in New Zealand
- Combined audio and visual instructions and encouragement
- Integrated use of practice, video guides and quizzes to consolidate learning
- Instant in-headset feedback
- Progressive learning modules: warm-ups, training sessions and challenges
- All modules are fully repeatable
- New modules unlock as learners progress



How Can We Measure Progress?

The CoDriVR Project focuses on five core skills and attitudes to measure learner progress:

- ✓ Awareness
- ✓ Speed Control
- ✓ Rule Following
- ✓ Hazard Response
- ✓ Decision Making

Your organisation has access to data tracking the progress of your members, as well as updates from Gfactor about key trends that we are seeing nationally in our learner drivers.

In collecting and sharing any data, we will adhere to the Privacy Policy Act 2020 and respect your organisation's computer policies.

How Do We Get Started?

- ✓ A permanent floor space 2m x 1m
- ✓ One power point
- ✓ An internet connection



How are Bookings Managed?

A booking system is currently in development, in consultation with our pilot programme secondary schools, to ensure we provide something that is as easy to monitor and maintain as possible.

For early adopters we recommend using a calendar system that you already use in your organisation.

How Many Learners Can We Cover?

Organisations have control of when their simulator is available, and who uses it.

It is anticipated that each session takes approximately 15 minutes to complete.

We estimate an average working day will provide one module to 24 learners daily, or cover up to 120 learners per week.

How Will CoDriVR Help?

- Practise and improve without a vehicle or lessons.
- Instill good driving behaviour from the outset.
- Develop skills to handle real life driving situations, consequence free.
- Reinforce the most current road rules.
- Results and reports that track progress.
- Shape confidence in abilities and reduce anxiety.



How Can We Get a CoDriVR?

We are now taking pre-orders
for delivery in 2023.

Get ahead of the queue and purchase or lease
a simulator this year while we develop our
virtual reality curriculum further.

Customers who purchase or lease a simulator will
be able to choose from the following software
options in future updates:

1. Keep using your simulator with our free foundational lessons.
2. Allow individuals to use your simulator with their personal paid subscription.
3. Upgrade to a paid licence with unlimited user access to the latest curriculum content.

Let's Work Together!

Gfactor creates virtual reality software, and have developed the Co-DriVR Project for a new generation of learner drivers; to give them the skills to handle real life driving situations without the impact of real-life consequences.

Based in Ōtepōti-Dunedin, our CoDriVR simulators have already been developed for Worksafe NZ to support driver training in side-by-side vehicles, and Go-Rentals to induct tourists to New Zealand roads.



26 Broughton Street,
South Dunedin 9016

Email: support@codrivr.com
www.gfactor.co.nz