



# WheelSim

## WheelSim is available in two versions:

**WheelSim Home** is for individual users at home.

**WheelSim Pro** is for institutions such as schools and therapy centres, that want to use WheelSim with different people and are interested in an evaluation of the rides.

Both versions can be used on the PC on the screen (2D). After connecting an Oculus VR headset, the rides - in both versions - take place in VR.

You can find more information at [www.wheelsim.info](http://www.wheelsim.info).



Training videos teach basic behaviour and tips for safe power wheelchair use, especially in road traffic. The texts in the app have been written in easy-to-understand language (easy reading).



- ▶ Driving in the protected area of a practice park
- ▶ Driving in confined spaces (using a lift)
- ▶ Driving on the road and in traffic (using a crosswalk with or without pedestrian lights, crossing the road without a crosswalk, watching out for pedestrians and drivers)
- ▶ Skill race against time on four different tracks



- ▶ Highscore table
- ▶ Achievements
- ▶ Tasks
- ▶ Logs\*
- ▶ User administration\*
- ▶ Records of all rides\*

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\* (only available in the Pro version)



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## WheelSim - the simulation

The correct handling of a power wheelchair is crucial for safety at home, in road traffic and for leisure activities.

This requires training at the beginning. The aim of WheelSim is to allow people with disabilities to train safely and effortlessly in the protected environment of a simulation.

In recent years, virtual reality (VR) has added a new dimension to simulation.

What previously could "only" be followed on a screen, can now be experienced much closer to reality through VR.

The target group for WheelSim are people who are to receive or have recently received a power wheelchair and would like to safely practice the correct handling.

When designing the user interface special attention was paid to ensure that children and people with learning disabilities can easily use the app.

In addition, the app is intended to help patients in the approval process for a power wheelchair.

**“Power wheelchair training: safe and realistic”**

Other target groups are therapists and wheelchair providers. The app is intended to provide support with power wheelchair provision and enable an assessment of driving and traffic safety. All rides are saved and can be viewed repeatedly afterwards.

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