



# STISIM Drive® G4 Software

## Overview

STISIM Drive® is an advanced virtual reality driving simulator software suite, built on over four decades of research in driving simulation. Trusted by more than 700 institutions worldwide, including universities, medical facilities, government agencies, and training centers, this software is designed to enhance patient assessment, rehabilitation, and treatment.

Version 4 is our latest release, specifically tailored for occupational therapy (OT). It offers a versatile and accessible simulation environment, featuring 29 ready-to-run scenarios that replicate real-world driving conditions. This empowers OTs to effectively assess a variety of patient modalities.

## General Features

- 29 ready-to-run scenarios
- Playback drives
- Weather effects

Includes a variety of roadway environments for assessment and training, tailored for occupational therapy.

Enables review of completed driving sessions for further analysis and documentation.

Simulates diverse weather conditions to challenge users in varied driving environments.



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Proprioceptive steering feedback

Provides realistic steering feedback, improving users' ability to stay in lane and control the vehicle.

Supports predefined protocols

Enables creation of tailored protocols based on patient needs.

Supports run scheduling

Allows for pre-scheduling of multiple drives in advance, streamlining patient workflow.

## Driver Instructions

English and Spanish

New in G4: Now supports instructions in both English and Spanish, enhancing accessibility.

## Driving Scenario Versions

Internationalization

Supports Canadian and standard international signage. No left-side driving available.



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## Reporting Capabilities

Customized reports per scenario

Each scenario generates its own set of detailed, scenario-specific reports.

PDF file

Individual session data can be exported in PDF format for documentation.

Excel download

Enables users to download performance metrics for longitudinal tracking and analysis.

## Assessable Deficits

- Reaction times
- Psychomotor functioning
- Vehicle control
- Memory / Planning / Navigation
- Passing / Gap Judgment / Merging
- Visual and audio perception
- Divided attention
- Cognition
- Hazard perception
- Executive functioning
- Decision making
- Situational awareness



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## Why Choose STISIM Drive® G4?

- **Versatile Protocols:** Pre-defined protocols and a variety of driving scenarios enable occupational therapists to tailor plans to meet each patient's unique needs and challenges.
- **Comprehensive Reporting:** Easily download metrics in Excel for longitudinal tracking or export individual session data as PDFs for easy documentation.
- **Enhanced Accessibility:** Spanish-language instruction screens, a left-foot gas pedal, and optional hand controls broaden the range of patients who can use the simulator.
- **Robust Assessment Tool:** With 29 scenarios, STISIM Drive® G4 effectively evaluates cognition, motor skills, memory, mobility, problem-solving, situational awareness, and executive functioning.



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