VI-WorldSim 20.1 Release Notes

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1 Release Notes

Welcome to the release notes of VI-WorldSim 20.1. The chapter contains information regarding new features, known issues and update history.

Please send your comments or support requests to support@vi-grade.com.

1.1 What's New

1.1.1 VI-WorldSim 20.1

VI-WorldSim is a driving simulator software built to support Advanced Driver Assistance System (ADAS) development. VI-WorldSim Studio is an editor for scenarios which can be simulated in combination with VI-DriveSim on a VI-Grade simulator.

This first release comes with the complete stack required to:
- simulate traffic agents
- simulate pedestrian

- simulate animals
- simulate multiple kind of sensors
- trigger agents behavior change based on scenario rules
- generate high frequency, speed and quality graphics to feed multiple flat or curved screens
- reproduce variable weather conditions
- vehicle, pedestrian and environments library
- interact with VI-DriveSim and VI-CarRealTime

1.2 Licenses

VI-WorldSim 20.1 requires following set of license keys:

- `VI_WorldSim_Core`
- `VI_WorldSim_Scenario_Basic`
- `VI_WorldSim_Scenario_Advanced`
- `VI_WorldSim_Traffic_Vehicle`
- `VI_WorldSim_Traffic_Pedestrian`
- `VI_WorldSim_Sensors`
- `VI_WorldSim_Weather`
- `VI_WorldSim_MultiNode`
- `VI_WorldSim_Visual`
- `VI_WorldSim_Visual_Warping`

The following Additional keys are required to enable optional modules
- `VI_WorldSim_RoadRunner`

This product is patly based on incorporated software libraries. Please refer to the acknowledgments.pdf document, included in the product documentation for a listing of the adopted components and the respective licenses.

1.3 System Requirements

Supported Operating Systems

VI-WorldSim 20.1 is available for the following platforms:

Platform	Installer Name
windows x64	VI_Worldsim_20_1_x64_Setup.exe

This installer is compatible with:

- Windows 10 x64

Please note that this version of VI-WorldSim is released exclusively for 64 bit OS.

Hardware Requirements

Recommended hardware capabilities:

- **Processor:** Intel I9 9900k processor
- **RAM:** 16 gigabyte (GB)
- **Hard disk space:** 20.0 GB for full package installation
- **Graphics:** NVIDIA RTX2080ti to grant 120fps at resolution 2560x1600

1.4 Known Issues

No known issues at release time.