Open Rails InstallationManual

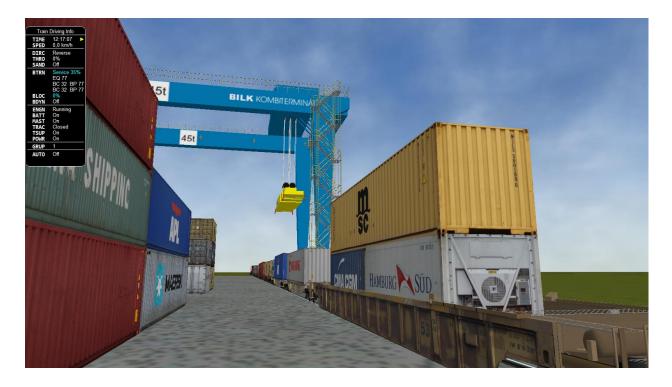


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Version

This document is based on version 1.5.

Overview

System requirements

Open Rails is an "AnyCPU" program which will run as a 32-bit program on 32-bit Windows and as a 64-bit program on 64-bit Windows.

It requires:

- Processor : 2.0 GHz (32 or 64-bit)
- Memory : minimum = 0.5 GB, recommended = 4 GB
- Hard drive : 50 MB (but models require lots of space. The 6 routes in Microsoft Train Simulator require 1.4 GB)
- Graphics : any compatible with Windows 7 upwards. (more than 0.3GB graphics RAM recommended)

Supported operating systems

Open Rails works well on Windows PCs from Windows 7¹ onwards (including Windows 11). It does not work on Windows XBox, Windows Phone or non-Windows platforms.

For the future

Open Rails software is aimed at the serious hobbyist. Open Rails software is being developed specifically for a trainsim community member who cares about loco physics, train handling, signals and intelligent AI behavior. We believe those users are willing to invest in a more powerful computer to ensure they get the results they want. Therefore, development of the Open Rails software will be focused on optimizing its performance on multi-core CPU systems with mid-to-high end graphics cards. It would be nice to support the less powerful computers, and it's technically possible to do so but, with limited resources, the Open Rails development team assigns a lower priority to this.

¹ Windows 7 requires Service Pack 1 (SP1).

Installation procedure

Installing Open Rails software

You can download the zipped install archive file at <u>http://openrails.org/download/versions/</u>

Then:

- 1. Open this archive file and extract all the files and folders to a suitable folder. We suggest C:\OpenRails.
- 2. Create a shortcut to file C:\OpenRails\OpenRails.exe (or a different path if you have not used C:\OpenRails as the install folder).

Upgrading from a previous download

Multiple instances of Open Rails software can exist on your computer without any conflicts. Please check the path of any desktop shortcuts you may have created to ensure they reference the desired version of Open Rails software.

To upgrade, rename the previous installation folder and then carry out a fresh installation.

Uninstalling Open Rails software

Simply delete the installation folder where Open Rails was installed.

Video card settings

A setting for Vertical Sync is available in *Open Rails Menu > Options > Video*. There is also a setting the for Anti-aliasing.. Other video settings should be set in the control panel of your video card. The default settings in Open Rails will give a good appearance and performance.

Using Open Rails with MSTS installed

Open Rails does not require any MSTS files to be present.

Open Rails software uses any Microsoft Train Simulator entries in the Windows registry to find where your Microsoft Train Simulator files might be located on your computer. If these are found, then Open Rails will include that MSTS content in its list in *Open Rails Menu > Options > Content*

Adding content

Open Rails is a simulator and is not distributed with any content. You can find content (both free and commercial) at our home page <u>http://openrails.org/</u> and at <u>http://openrails.org/download/content/</u>

Checking your installation

Once you have added some content, then check your installation by following the instructions in the *Manual* > *Getting Started*.

Open Rails build 0.0.8283.27993 (2022-09-05 15:33:06Z) (debu	ıg) — 🗆 🗙
Installation profile:	
ORTS-ROUTES-TS ~	Route: BNSF Scenic Sub
Route:	BNSF Scenic Subdivision
BNSF Scenic Sub 🗸	From Mile 1650.2 Wenatchee to Mile 1784.7 Everett Jct.
Mode:	The BNSF Scenic Subdivision is part of the former Great Northern Hi-Line from Chicago to Seattle. This stretch of railroad traverses some impressive west coast mountain scenery, and goes through a 6 mile bore, known as the C
Activity O Timetable	Locomotive: BNSF C44-9W 5228
Activity:	The C44-9W, a modern diesel-electric locomotive, most effective pulling loads over long stretches at moderate speeds.
New Year's Day v1.02 $\qquad \sim$	
Locomotive:	Locomotive type: Diesel-Electric
BNSF C44-9W 5228 $$\sim$$	Activity: New Year's Day v1.02
Consist:	by Dan Reid Jan 1, 2022
KC-P1 ~	"Sorry for calling you in from home, especially on New Year's Day, but I couldn't find anyone else who was sober
Starting at:	yet. So here's the situation. Day shift had to bring their locomotive back early due to a shorted traction motor. They were planning to finish their deliveries tomorrow, but Kimberly Clark needs cars urgently, so run over there
Everett Engine Track 1 $$ $$ $$	Activity Briefing 🗸
Heading to:	The Dispatcher will set switches along the mainline to Mukilteo and return to Everett Yard. (Whenever you need to
Everett Engine Fuel Track 🗸 🗸	leave the path, you must take MANUAL control of the switches but return to AUTOMATIC mode ASAP.)
Time: 17:45:00 V Duration: 02:30 V	Here are your orders (in sequence):
	·
Season: Spring V Difficulty: Hard V	Singleplayer
Weather: Clear 🗸	Tools ▼ Options User name: ChrisCInt
	Start Documents ▼ └ Logging Host/port: 127.0.0.1:30000
	Architecture Diagram V1.pdf
Open Rails	Content checker.pdf Start MP Resume MP
	How to Provide Track Profiles for Open Rails Dynamic Track.pdf
	Installation Guide En.pdf
	Localization Manual.pdf
	Manual.pdf
	ORTS Trackviewer manual.pdf
	Processor Flow Chart.pdf
	timetable-editor_de.pdf timetable-editor_en.pdf
	antease caret_enput

You can open the manual from the *Open Rails Menu > Documents > Manual.pdf* or read it on-line at https://open-rails.readthedocs.io/en/latest/

Multi-Player

The standard installation also allows you to use Open Rails with friends. See the Multi-Player section in the manual.

RailDriver[®]

You can use RailDriver[®] to run Open Rails. See the *Introduction > RailDriver Support* section in the manual.

Legal

Warranty

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