ALIVEDRIVE DESKTOP
USER GUIDE

Revision	1.0
Date	Dec 15th, 2025

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REVISION HISTORY

Revision	Date	Description	Author
1.0	15-Dec-25	First version of user guide for AliveDrive Desktop Release R1.0 for Windows	A Nicholson
1.1	20-Jan-26	Added description of .NET requirement to installation section	A Nicholson

Introduction

This user guide describes the functionality of the AliveDrive Desktop R1.0 desktop application available for Windows 11.
The application enables owners of vehicles equipped with Cosworth's AliveDrive system to view and analyse their outing recordings outside the vehicle, and provides a way to share the content with others.

What vehicles are supported?

In release 1.0, only recordings from vehicles equipped with Enhanced Performance Data Recorder (third-generation PDR) are supported.

The third-generation, Enhanced PDR (a.k.a. PDR 2.5) is available on the following models:
- 2026 and later Corvette
- 2025 and later Cadillac CT5 V-Series & CT5-V Blackwing

Getting Started

Download and Member Portal

The AliveDrive Desktop application is available for download via the Cosworth Member Portal. The portal, accessible via the main Cosworth homepage, is your gateway to the latest in software available from Cosworth. Here you can download and subscribe to Cosworth's data analysis applications, access product updates, software releases, and technical documentation, and stay informed with the latest development news. The Portal also provides a central location for support, ensuring you always have the tools and information needed to extract maximum performance from your Cosworth-equipped vehicle systems.
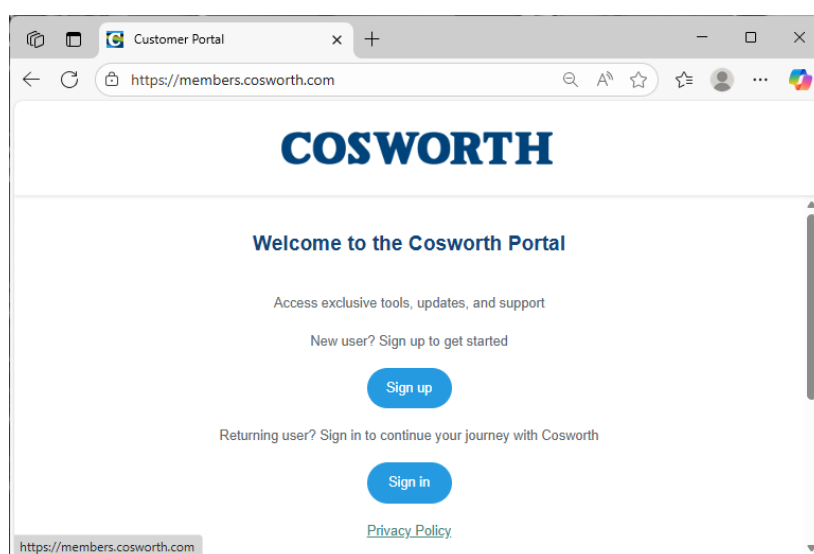

Figure 1 - Cosworth Member Portal

Once access to the portal is set up, the application download is available from the AliveDrive Desktop product page. Currently, there is a Windows application package available for download.[1]

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[1] A MacOS version is scheduled for the next release in early 2026.

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Installation

The Windows application is designed and tested for deployment on Windows 11 target machines. The MSIX installer provides guidance on the installations steps.

Microsoft Windows Desktop Runtime

You will need to have the .NET desktop runtime installed in order to run the AliveDrive Desktop application. You will be prompted during installation to either install the .NET runtime, or upgrade it to version 10.
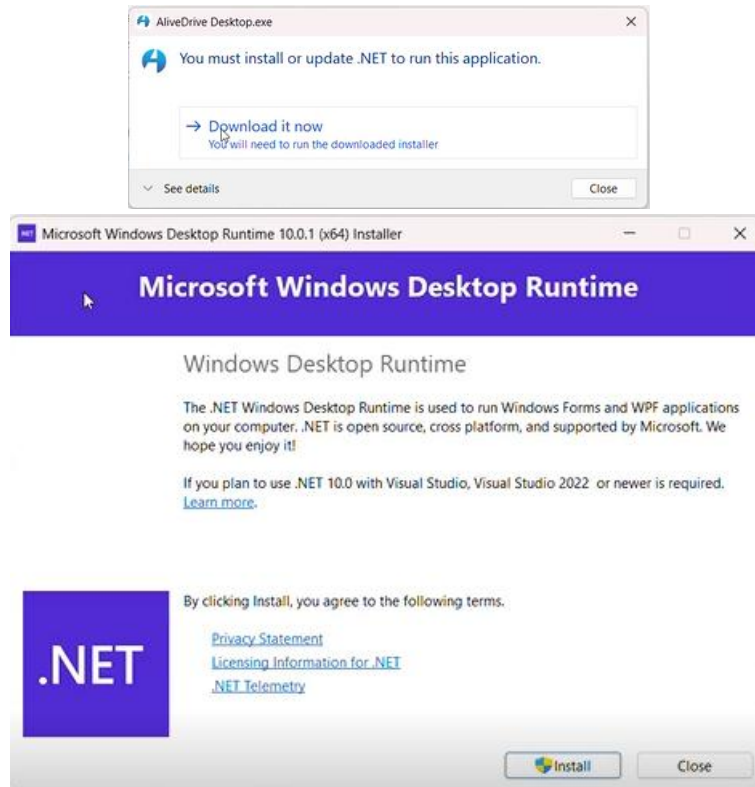

Figure 2 – Windows Desktop Runtime requirement

Once this is done, the AliveDrive Desktop application can be opened.

Licensing Agreement

The licensing agreement is presented during the installation; acceptance is required in order to proceed to use the application. The installation of a licence key is not required, and the application does not require a payment for use.
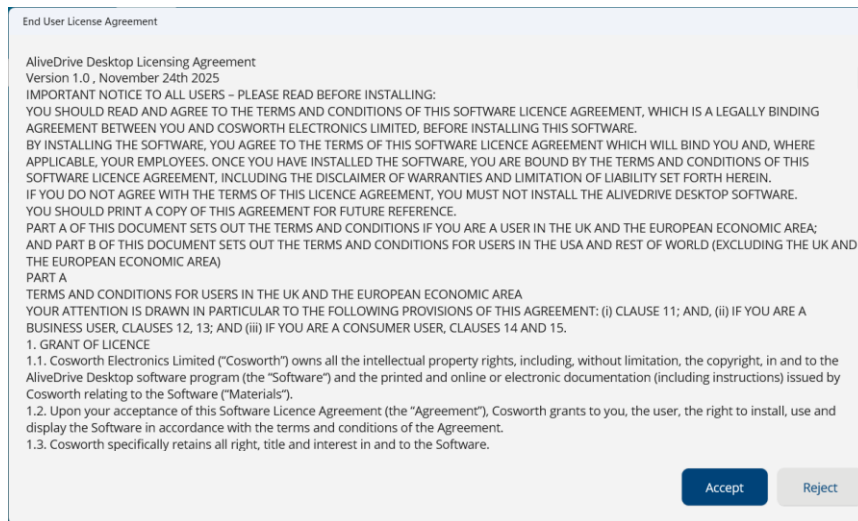

Figure 3 - Licence Agreement

Acceptance of the agreement is only required for the initial installation, and when the licensing terms get updated. Re-acceptance is not required each time the application is loaded or when the application is updated.

The Licensing Agreement is available [here](#) should reference to it be required at a later date.
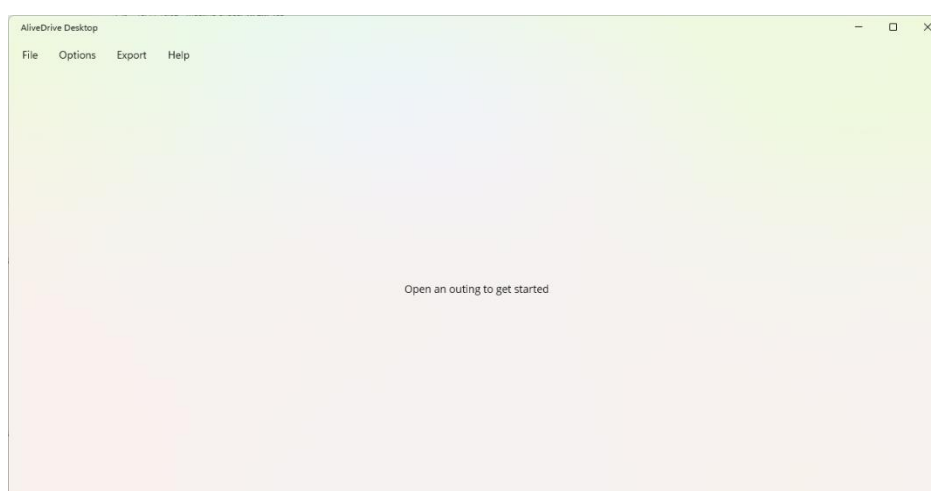
Application Navigation and User Interface

Figure 4 – Application Launch

The main menu provides centralized navigation for outing selection, playback, export, and application settings/information. A link to the help resources is also available via the menu.

Once an outing is opened, playback controls for play, pause and skip are provided via a scrubber bar., and a lap breakdown and lap selector is shown: time per lap, indicators for fastest and selected laps.

Mouse Controls

Mouse actions are used for the majority of menu selection and button control of the application. In addition, a mouse drag-and-drop can be used, refer to section **File Management and Outing Operations**

Keyboard Shortcuts

Shortcut	Description
CTRL-O	File > Open Outing
CTRL-W	File > Close Outing
Spacebar	Control of play/pause function during playback

Settings

The app has its own settings for speed, distance, time format and temperature units with three options:
- UK
- Metric
- US Customary

The app will default to the location based on the regional settings of the device hosting the app, but this default can be over-ridden via the menu.

Speed and distance values displayed within the app including those displayed on the outing overlays are adjusted according to the chosen setting.

Light/Dark mode

The appearance of the app can be adjusted according to light/dark mode settings of the device.

Figure 5 - Dark Mode

Audio

The on/off control of audio playback is provided in the playback bar. The application utilises the device settings for choice of audio output device and volume.

File Management and Outing Operations

The outing files from the vehicle need to be copied from the SD card to a suitable Windows device folder or personal cloud storage area.

Outings can be opened via the **menu** , or via a **drag and drop** action from Windows File Explorer into the application window.
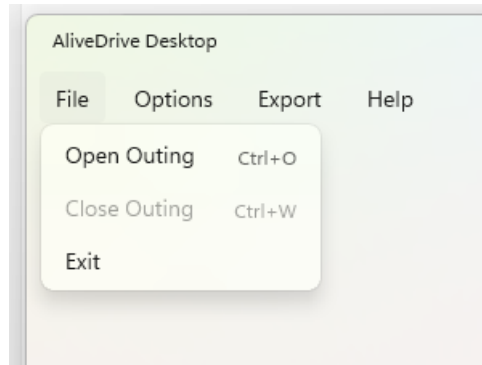

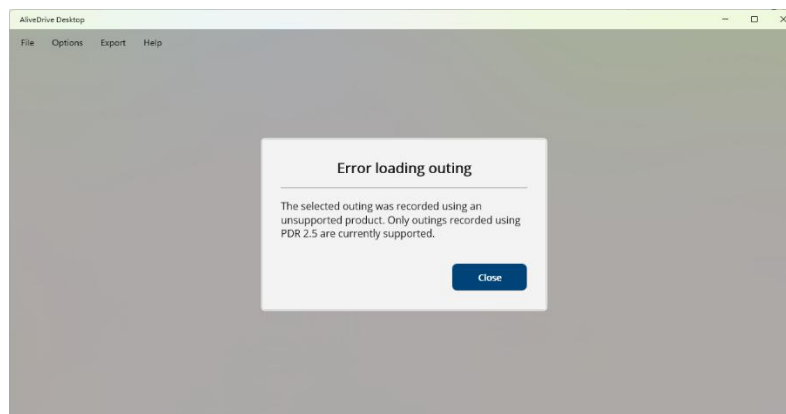*Figure 6 - Opening an outing using the menu*

Figure 7 - Attempt to open an un-supported outing file

To switch between outings, the user can first close the original outing then open the new outing, or can simply open the second outing to effect the switch. The application remembers the previous path used to open an outing so that quick outing choice is enabled when outings are all stored centrally.

Outing types supported

All types of outing can be opened for playback and export – circuit, autocross and dashcam.
Currently, only outings recorded with latest generation, Enhanced PDR (PDR 2.5) AliveDrive systems are supported[2].

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[2] PDR v1 and v2 outing file support in a later release. The original Cosworth Toolbox application should be used for outings recorded in previous generation PDR systems.

Playback

With an outing file loaded, the outing video is presented along with basic outing properties (name, date, time) and a breakdown of the outing into laps (for circuit outings). By default, for a circuit outing, the playback position will be set to the beginning of the fastest lap (marked with *) within the outing.

Single lap or full outing playback is supported.

The PDR 2.5 outing files comprise video/audio and separate data overlays. The overlay toggle button can be used to switch between any available overlay. Overlay choices presented are determined by the vehicle type used to make the recording.

Figure 8 - Playback, circuit outing example, fastest lap is lap 1, lap 3 selected

Lap Selector

The lap selector enables a choice of lap to be made for playback when a circuit outing with multiple laps is opened. For circuit outings, the fastest lap is chosen by default (indicated by a *). In the initial application release, for autocross and dashcam outings, the outing will open with the lap selector showing a single lap – this 'lap' being the whole outing.

For circuit outings it is possible to play a single chosen lap or the full outing[3].
- Choose a single lap – playback will be set to beginning of chosen lap, and extent of playback will be the single lap
- Un-select all laps – whole outing playback mode

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[3] Display of inlap/outlap is not yet shown (supported in a future release)

Playback Control

Playback is controlled using the playback bar. A toggle button enables the adjustment of the displayed overlay. By default, the overlay will be set according to the outing type opened:

- Circuit outing   - defaults to 'Track' overlay
- Autocross outing - defaults to 'Track' overlay
- Dashcam outing defaults to 'None'

Figure 9 - Playback bar example, Sport overlay selected, audio set to 'on'

Figure 10 - Playback bar example, scrubber marker part way through lap, elapsed lap time shown, Track overlay selected, audio set to 'off'

Playback of audio from the outing can be toggled on/off within the app. Volume control of the audio is handled by the device settings, not within the app.

Export

Outings from Enhanced PDR systems (PDR 2.5 outings) have dynamic overlays where the overlay data is held separate to the outing video/audio. This enables full control in the creation of videos for sharing with the overlay choice made at time of export, and not pre-set when the outing recording was captured.

With an outing open for playback, an export function can be initiated from the menu.

If an outing has been under analysis in the application, and choices made as to lap and overlay choice, then these settings will be carried across to the export function to enable quick export of the part of the outing that was being analysed. The export function allows these defaults to be freely adjusted.

Export setup and preview is provided via a pop-up window. The 'Settings' tab covers the choices to be made for the export, the 'Preview' tab allows a preview of the export to be done as a final check before the export action is initiated.
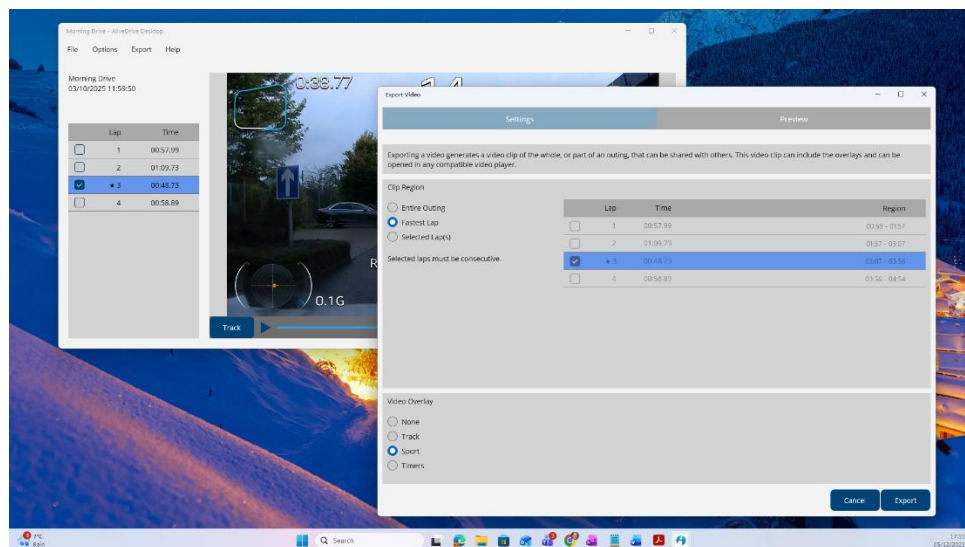

Figure 11 - Export opens up in a separate window

Types of export

Support for three types of export is provided:
- Whole Outing export
- Single Lap export
- Multi-lap export

A multi-lap choice needs to be sequential laps.

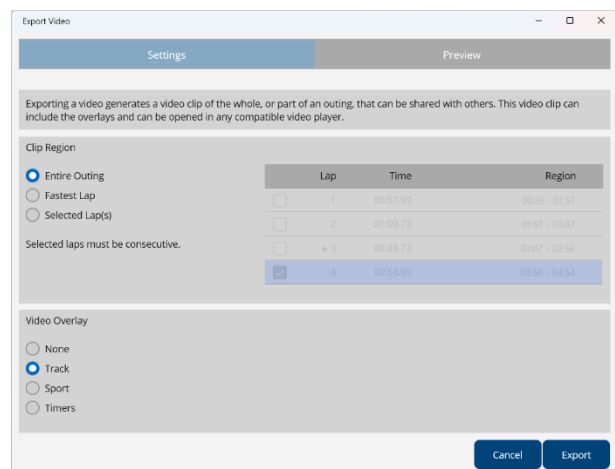Choice of overlay is made in the settings panel.

Figure 12 - Export settings window

Export Preview

The export Preview panel enables the user to see the chosen export settings, and an estimate of export file size.

In addition, full and independent playback of the export is possible from the Preview panel, without affecting the playback in the main application window.

Figure 13 - Export Preview

Export Progress

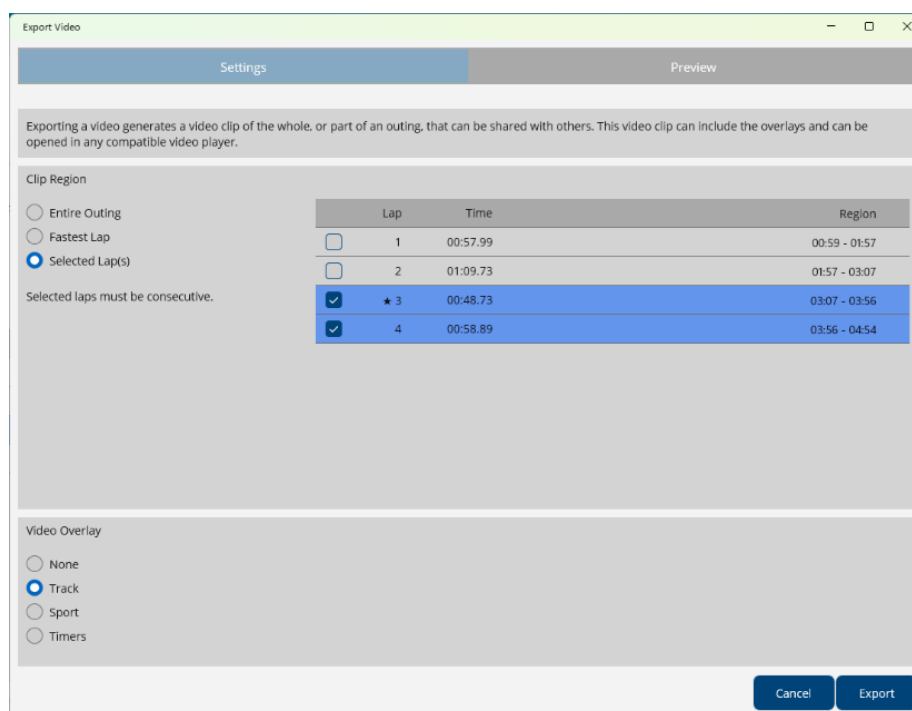With the export setting choices made, the 'Export' button will initiate the process.

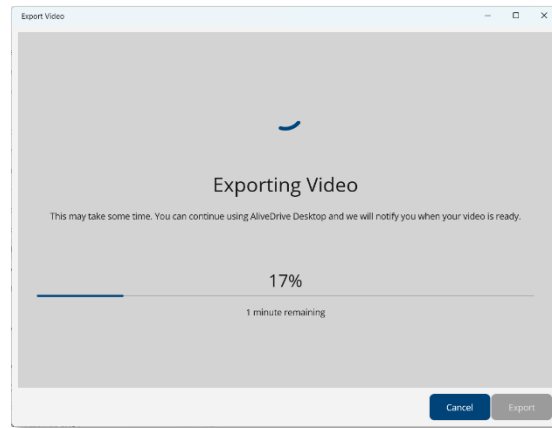*Figure 14 - Export selected lap(s)*

Figure 15 - Export Progress

The native file management application is then used to decide upon export location, and export filename. A default filename for the export is chosen, derived from the source outing name for clarity, but this name can be over-ridden.
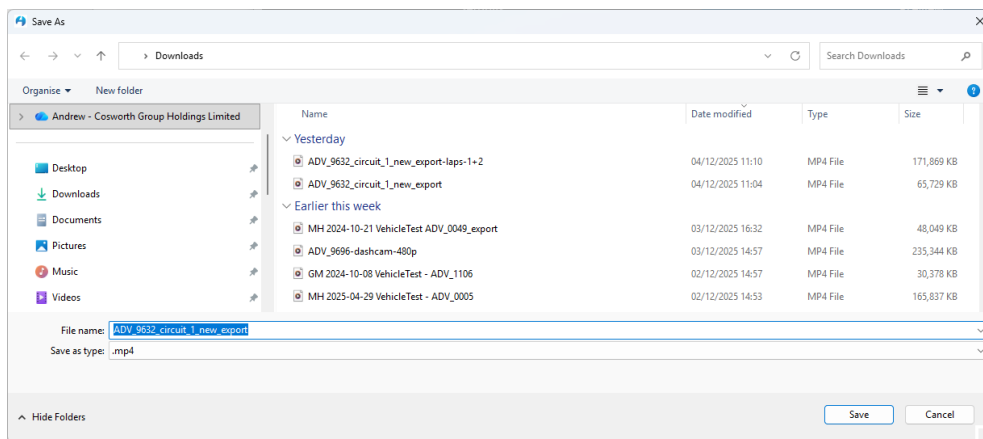

Figure 16 - Export location and filename choice

The application also has a built-in check for sufficient disk space and will provide warnings if the chosen location does not have sufficient space for the export.

The export file is of MP4 format and includes the selected video/audio and chosen overlay data. The file can be played on all mainstream video player apps and for upload for sharing to social sites.

Software Updates and Stability

A manual check for updates can be initiated. The current version can be found via the 'Help' menu item. The information regarding available app versions inclusive of release notes is available on the Cosworth website , on the AliveDrive Desktop product page.

The app has built-in stability monitoring that constantly captures analytical data. This data is anonymised, and is solely used to provide feedback to aid diagnostic analysis and bug fixes in the case of app crashes. In the situation where an app crash is experienced, the app will send the data to Cosworth with the ability for the user to add any additional notes to the report.

Support

For further assistance in using the application or the in-vehicle AliveDrive system, please refer to the Cosworth Support Forum:

Customer Support