COSWORTH

∿ Pi Toolbox

The Complete Data Analysis Platform

The next generation of Pi Toolbox; our ground breaking Motorsport Data Viewer is here.

The ultimate tool for engineers, coaches, and analysts alike. Engineered to provide an immersive and comprehensive interface, our software redefines how you interact with data. Using Pi Toolbox you can analyse minute details of every lap, every corner, and every event with precision. From Formula 1 to endurance racing to sim racing and everything in between, our analysis viewer supports a wide range of data format displays, delivering real-time telemetry insights and logged data at your fingertips.

Whether you're a student following your course, a team optimising race strategies, marine scientist, wind tunnel operator, esports racer or a data analyst seeking to unravel dynamic insights, Pi Toolbox is your ultimate go to application.
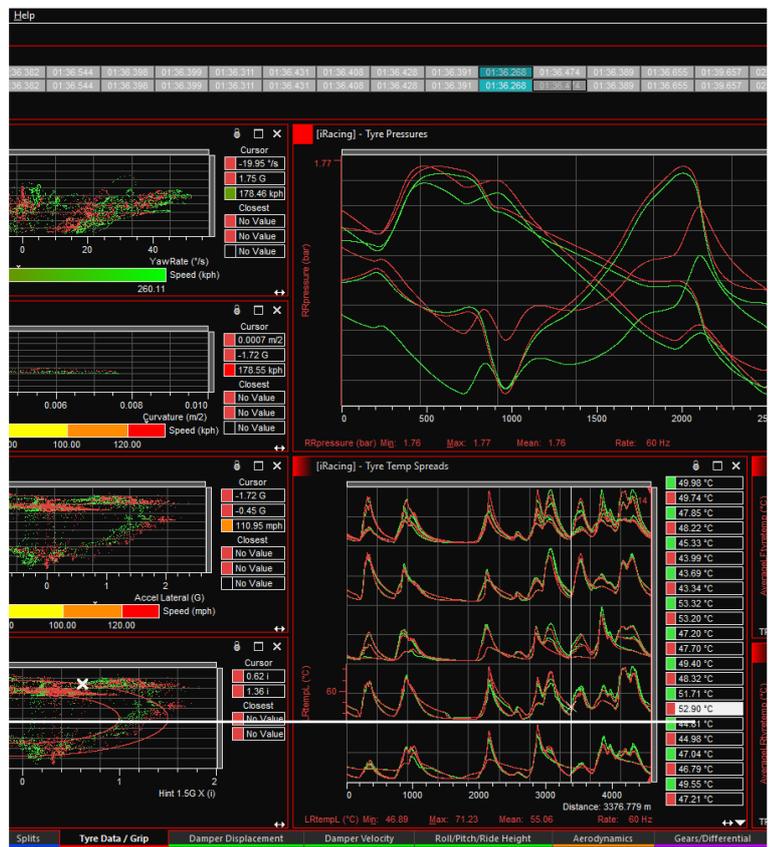
From November 2025 we are enhancing your access to this unparalleled performance technology by transitioning from a perpetual to a flexible, subscription-based billing platform. This move is designed to put the power of professional-grade data analysis into the hands of every aspiring and established engineer, team, and enthusiast, ensuring you always have the latest tools and an affordable price point.
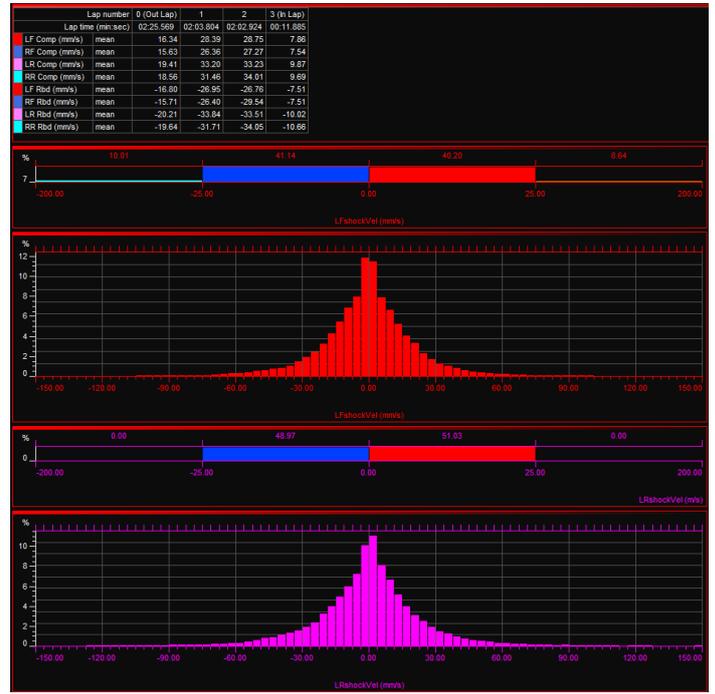
Key features include:

- ✓ Over 20 different performance focused displays to view your data
- ✓ Pi Math, Constants and Events engine built in
- ✓ Real-time telemetry support.
- ✓ Detailed performance metrics for drivers, teams, and car systems.
- ✓ Interactive circuit maps for in-depth analysis.
- ✓ Customisable dashboards and reporting tools for personalised KPI reports.
- ✓ Seamless integration with data sources such as race APIs and telemetry feeds.
- ✓ Native iRacing .ibt/.blap/.olap support
- ✓ Subscription based billing ensuring you always get the latest version and features

The latest Pi Toolbox installer and self-serve licence management is now available via the customer portal which can be found at
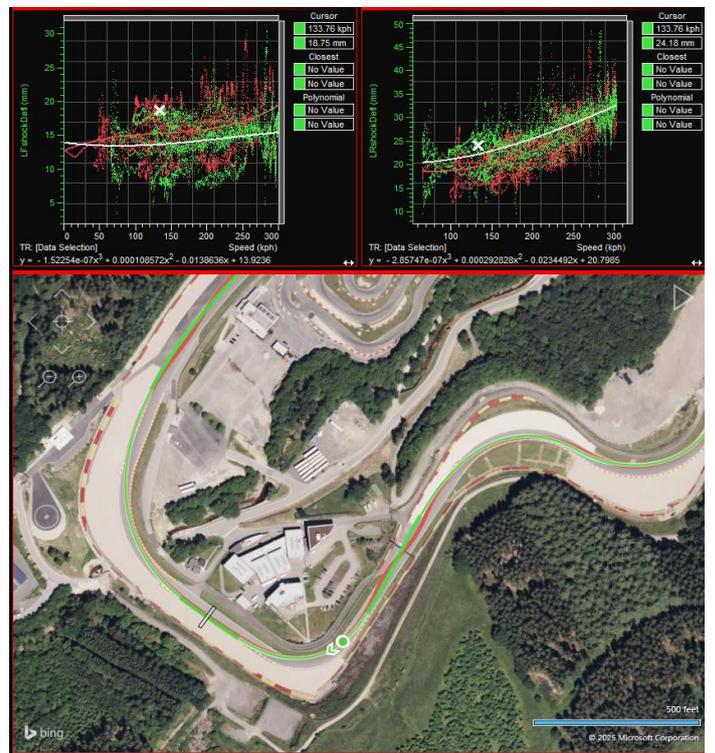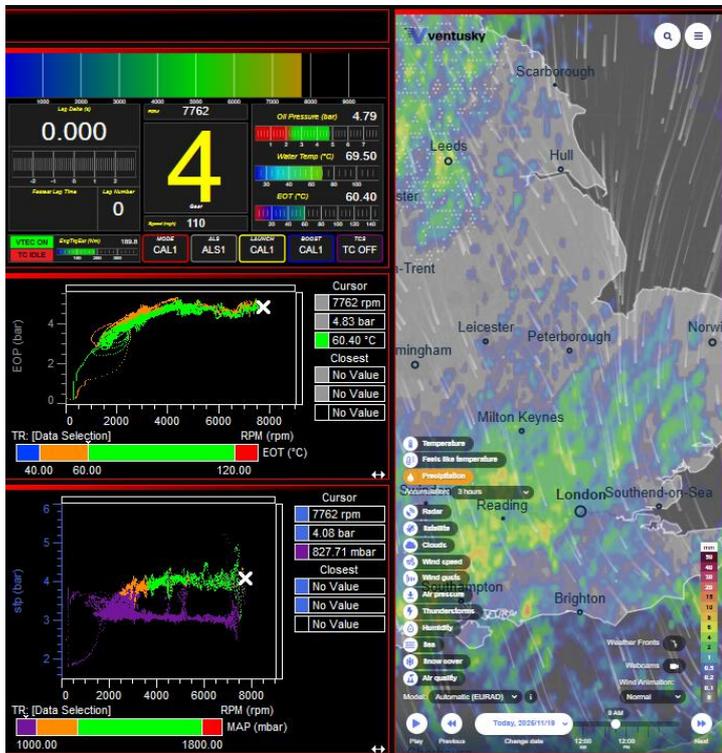## www.members.cosworth.com

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Performance Focused Displays

Real-Time Insights

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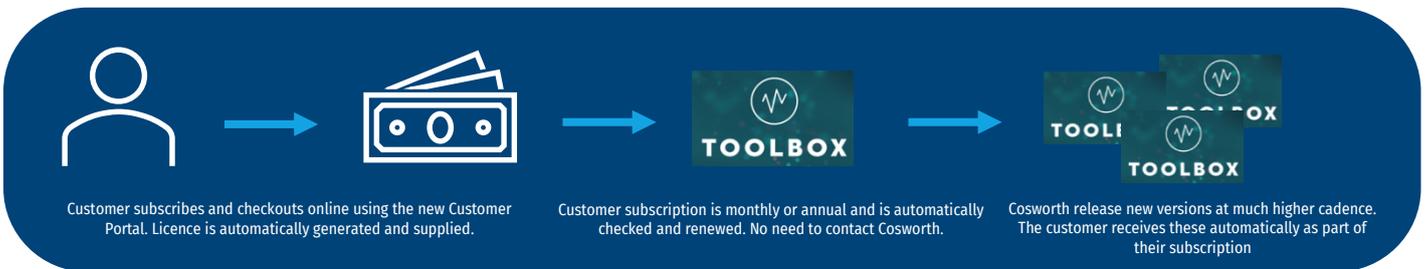
The Subscription Advantage

The shift from perpetual licenses to a subscription model is a strategic step to deliver continuous value, lower your upfront financial outlay, and future-proof your analysis workflow.

The model allows users to select the right level of functionality for their application, from introductory data viewing to fully-featured professional analysis. Each license builds on the previous, scaling with your program's needs: Lite, Plus, Pro, Ultra.

With this change; licence purchase, redemption and management now becomes completely self-serve ensuring that you have access to your licence whenever and wherever you need it regardless of what PC/Laptop you are working on*. Furthermore, Cosworth will ensure Licenses never expire on a race weekend (Fri-Mon), even after a failed payment guaranteeing you no drop-in service in those critical moments.

- ✓ **Continuous Updates** - Automatically receive all the latest features, enhancements, and compatibility updates as soon as they are released, keeping you ahead of the competition.
- ✓ **Best-in-Class Support** - Direct access to Cosworth's expert support and educational resources ensures you get the most out of every feature, every time.
- ✓ **Future-Proof Technology** - Your subscription guarantees access to new integrations (like 3rd party software integration and expanded sim-racing compatibility) as our platform evolves.
- ✓ **Lower Upfront Cost** - Eliminate large initial capital expenditures, making our industry-standard software immediately more accessible to smaller teams and individual users.
- ✓ **Predictable Budgeting** - Easily forecast software costs with clear monthly or annual pricing, simplifying resource allocation for the racing season.
- ✓ **Flexible Scaling** - Scale licenses up or down rapidly based on the demands of your season, project, or team size without being locked into unused licenses.

Streamlined, self-serve licence redemption

Customer subscribes and checkouts online using the new Customer Portal. Licence is automatically generated and supplied.

Customer subscription is monthly or annual and is automatically checked and renewed. No need to contact Cosworth.

Cosworth release new versions at much higher cadence. The customer receives these automatically as part of their subscription

Automatic licence via user account launching mid-December 2025. Licences purchased before this date will be automatically emailed to you and will need to be manually redeemed in the Cosworth Licensing Tool. They will be tied to the redemption PC, however can still be transferred to other machines when required.

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Pi Toolbox Features Matrix

Category	Feature	Lite	Plus	Pro	Ultra
User Interface Limits	Tasks	2	4	8	16
	Outings	4	8	32	255
	Worksheets	5	10	24	96
	Displays	6	12	24	32
	Canvas Worksheets		2	4	10
	Displays on Canvas Worksheets		8	64	96
	Additional Windows			1	3
Supported File Types	Open .PDS	X	X	X	X
	Open iRacing .IBT	X	X	X	X
	Open iRacing Ghost Laps .blap/.olap		X	X	X
	Open .TXT			X	X
	Open .MAT (MATLAB)			X	X
	Open .MPEG4 (PDR)		X	X	X
	Open ASAM .mf4 / .mdf				X
	Export data to .PDS		X	X	X
	Export data to .XLS		X	X	X
	Export data to .TXT			X	X
	Export data to .MAT			X	X
Maths and Analysis Tools	Pi Math	X	X	X	X
	Advanced Maths				X
	Constants (Add/Edit/Delete)	X	X	X	X
	Soft Events (Add/Edit/Delete)		X	X	X
Video Analysis	Import & Sync Video ('Add Media') - 3rd Party		X	X	X
	Media Display		X	X	X
Telemetry	Real-time Data		X	X	X
	Real-time Chart Recorder Display		X	X	X
	Pop-up Alarms		X	X	X
	Auto-Export of Metrics				X
Graphical Displays	Aerial Map Display	X	X	X	X
	Bar Display	X	X	X	X
	Bit Indicator Display	X	X	X	X
	Channels Display	X	X	X	X
	Colour Display			X	X
	Dash Display		X	X	X
	Dial Display	X	X	X	X
	Events Display	X	X	X	X
	Histogram Display		X	X	X
	Image Display	X	X	X	X
	Label Display	X	X	X	X
	Map Display	X	X	X	X
	Marine Map Display			X	X
	Navigator Display	X	X	X	X
	Power Spectral Density Display			X	X
	Time Displays			X	X
	Time/Distance Chart Display	X	X	X	X
	Web Browser Control		X	X	X
	X/Y Display	X	X	X	X
Reporting Displays	Excel Reports Display		X	X	X
	Split Report Display	X	X	X	X
	Summary Display	X	X	X	X
	Tabular Outing Report Display	X	X	X	X
Advanced Math Metric Displays	Metric Between Event Report			X	X
	Metric Outing Report			X	X
	Metric Overview Report			X	X
	Metric Segment Report			X	X
Stacked Outings	Stacked Outings		X	X	X

Licence Formats for Pi Toolbox

- **Software Key Licence –** this licence is a single licence tied to a single user account. You can use your licence on any PC with Pi Toolbox installed, as long as you are signed into your account.
- **Education Licences –** Cosworth continue to support education programmes. If you're part of the education sector and would like to use Pi Toolbox for teaching or research, we offer discounted licences through our education programme. To learn more or apply, please contact sales@cosworth.com

Maintenance Licences

Annual maintenance for Pi Toolbox is no longer required. Instead of paying a separate annual maintenance fee, its cost and benefits are now bundled directly into your regular subscription payment. This means you'll receive all updates, technical support, and the latest features as part of your ongoing license, ensuring your software is always current and fully supported without the hassle of managing an additional, separate yearly charge.
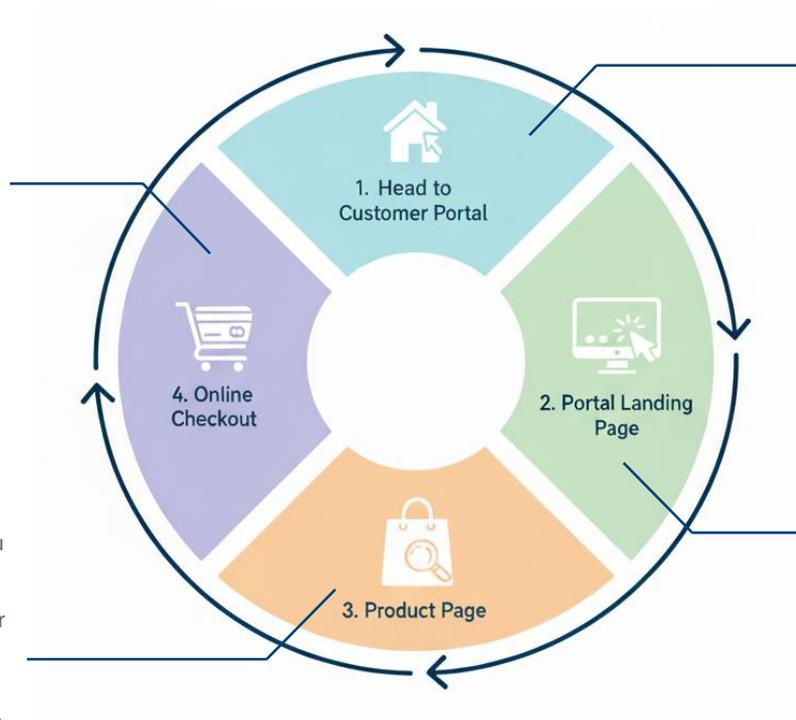
Ordering Information

Licence purchase, redemption and management is now self-serve. Head to members.cosworth.com to select your licence, and checkout.

Head to the Portal via the Cosworth homepage or at members.cosworth.com.

Sign up for a user account to access product information and download links

Via a secure and well renowned payment system, complete the checkout and enable your subscription.

Your product key will be automatically emailed to you, and in future releases will be available as soon as you sign into the licencing manager in Pi Toolbox

The product page allows you to download the software and select which subscription level is right for you.

Existing subscriptions can also be managed from these pages

The portal will present information based on your set preferences allowing navigation to relevant product pages

1. Head to Customer Portal

2. Portal Landing Page

3. Product Page

4. Online Checkout

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API and Auto Coding Toolchain Options

APIs are currently being transitioned from Toolbox v13 to the latest Pi Toolbox subscription platform. If you require an API please contact us at sales@cosworth.com

Part Number	ID	Item	Description	Price
	24	PDS File Reader	Enables non-Cosworth software to use the PdsFileReader interfaces to open PDS files. Note: To open PDS files that have not been generated by Cosworth software the user will also need the DAE File Creator Read feature - 64bit.	Request
-	25	PDS File Creator Basic	Enables non-Cosworth software to create PDS files. These PDS files can be read by Cosworth software only. Additionally, if a user is licensed with the DAE File Creator Read feature, they can use non-Cosworth software to read these PDS files - 64bit.	Request
-	26	PDS File Creator Read	Enables non-Cosworth software to be used to read PDS files that have been created by non-Cosworth software licensed with the DAE File Creator Basic feature - 64bit.	Request
-	27	PDS File Creator Full	Enables non-Cosworth software to create PDS files that can be read in any application - 64bit.	Request
-	28	PDS Real-Time Reader	Enables non-Cosworth software to the use the RTReader interfaces to consume Real-Time data - 64bit.	Request
-	29	PDS Real-Time Server	Enables non-Cosworth software to use the RTTelemetryServer interfaces to transmit Real-Time data - 64bit.	Request
-	30	PiDO Wrapper Read Access	Read manipulated PDS file data from PiDO Full access	Request
-	31	PiDO Wrapper Full Access	Ability to access and manipulate PDS file data outside of Toolbox	Request
-	-	IPS48 Auto Coding Licence	Cosworth Seat Licence for IPS48 auto coding	Request
-	-	Omega L2 Auto Coding Licence	Cosworth Seat Licence for L2 auto coding	Request
-	-	CLU Auto Coding Licence	Cosworth Seat Licence for CLU auto coding	Request
-	-	MQ12Di Auto Coding Licence	Cosworth Seat Licence for MQ12Di auto coding	Request
-	-	Antares Auto Coding Licence	Cosworth Seat Licence for Antares auto coding	Request
-	-	Badenia Auto Coding Licence	Cosworth Seat Licence for Badenia auto coding	Request
-	-	Centaurus Auto Coding Licence	Cosworth Seat Licence for Centaurus auto coding	Request

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Contact Us

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Downloads

The latest Pi Toolbox installer is available via the members portal at members.cosworth.com.
It is now a single installation with the selection between Motorsport, Marine, Motorcycle now selected within the UI.
Once installed future software updates are available directly within the Pi Toolbox UI via an auto-update feature.

Free Lite Licence

Lite returns to being licence free, so you can download and get up and running straight away.

System Requirements

Microsoft Windows 10 (64-bit)
Microsoft Windows 11 (64-bit)
Cosworth Toolset V7 or later for Offloaded Data
Cosworth Toolset V10 or later for Real Time Telemetry

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Pi Toolbox Feature Release Cadence

Pi Toolbox v14 – Build 2667 – Beta - Available Now
- Support iRacing .ibt file format
- Auto map generation when loading .ibt files
- Release of iRacing 'Lite' Template
- In app Auto software update
- In app usage and automatic bug reporting
- Added the ability to quickly change the unit system for some commonly used units to the channel properties explorer context menus.
- Changed Pi Toolbox to run in lite mode with no license available
- Added dash display support for the Cosworth GT Wheel (CGW)
- Added dash display support for shift lights being driven by an LED configuration created in Toolset
- Added indication of which license is required for unlicensed displays to the displays menu.
- Added the ability to delete all worksheets apart from the selected worksheet.
- Added support for displaying values as hexadecimal or binary on the Channel display.
- Added support for displaying raw time values to the Time of Day display.
- Added checks for updated licenses on application startup – i.e if your licence has been upgraded/extend, the licence tool automatically detects this, you will no longer need to import a v2c file.
- General performance and bug fixes implemented

Pi Toolbox v14 – Build 2684 – Beta - Available Now
- Support iRacing Real-Time Telemetry stream
- Release of iRacing 'Advanced' Template
- Support iRacing .blap and .olap file formats
- Plus/Pro/Ultra licences available via self-serve portal
- General performance and bug fixes implemented

Pi Toolbox v14 – Build 2716 – Beta - Available Now
- Auto-save feature
- Racelogic VBOX video and data support
- ASAM .mf4/.mdf data support

Pi Toolbox v14.1 – Build TBD - Available Q2 2026.
- Version control of Pi Math Library
- Math channel organisation
- Display lap numbers in metric overview chart
- Zoom functionality in metric overview
- Heat map display inc. updated X/Y Plot
- General performance and bug fixes implemented

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