TrendView Standard 1.0

Illustrated Quick Start

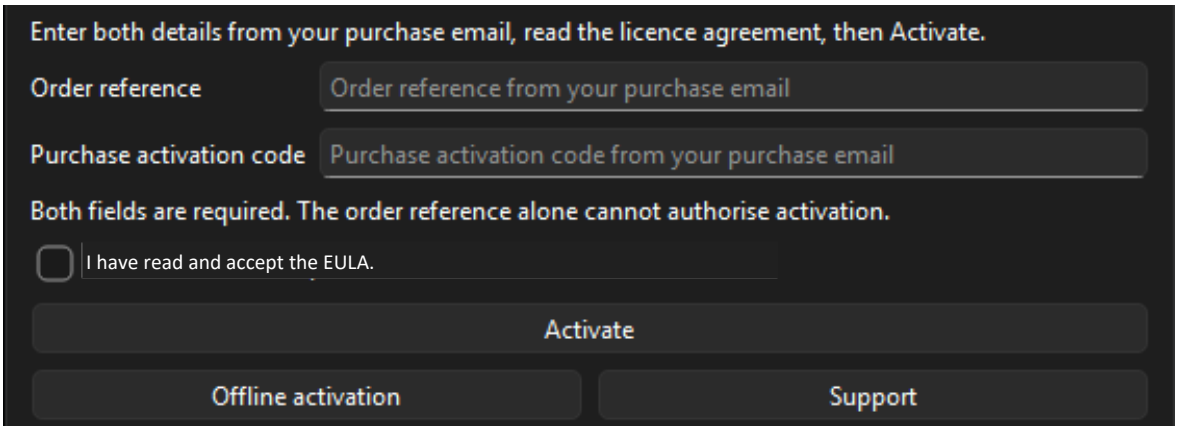
User guide | TrendView Standard 1.0

Overlay is the default plot mode on a normal new launch. Check the Plot mode selector if you have already been working in another mode.

Use this guide to activate TrendView, open a recording, choose a viewing mode and export the relevant evidence. Illustrations use public synthetic data and show the activation controls.
Currently in final testing - not yet available for purchase.

Start and activate

1. Obtain the complete application package and your order reference and purchase activation code from the purchase instructions. Keep the application and its complete runtime together.
2. Extract the package to a writable location. Open TrendView.exe on the PC you intend to license.
3. Enter both purchase details. Read the EULA, tick acceptance and click Activate. Both purchase fields are required; an order reference alone cannot authorise activation.
4. Wait for the local and server checks. Success closes the entry form. Help > Licence / activation / third-party notices opens the compact licence status; the verified order reference is retained.



Illustrative purchase fields, EULA checkbox and Activate button. No real purchase details are shown.

Internet access is required for automatic activation. Once activated, TrendView can analyse recordings offline. A Standard 1.x licence covers one active PC and its Windows users; future major versions are separate.

System requirements and installation

Before purchasing, check that your PC meets the minimum requirements listed below.

Item	System requirement
Operating system	Windows 10 / Windows 11, 64-bit. Windows 10 packaged-runtime validation remains pending.
Installed RAM	4 GB minimum planning baseline. A physical 4 GB machine has not been validated.
Installation space	500 MB free disk space for installation. Additional space is required for recordings and exports.

Internet access is required for automatic activation. Once activated, TrendView can analyse recordings offline. Larger recordings require additional memory and processing time.

The measured complete package occupies about 191 MB extracted; its ZIP is about 78 MB. Keeping both uses about 270 MB before allocation, temporary files and application data. The 500 MB installation allowance does not include your recordings or exports.

Windows 11 owner acceptance and a limited compiled memory-budget check are recorded. These are not a Windows 10 test or proof of the lowest usable CPU, RAM or display. Use a desktop with sufficient room for readable plots and the scrollable table; no validated minimum processor or display resolution is claimed.

Requirements and licence terms do not remove applicable statutory or consumer rights.

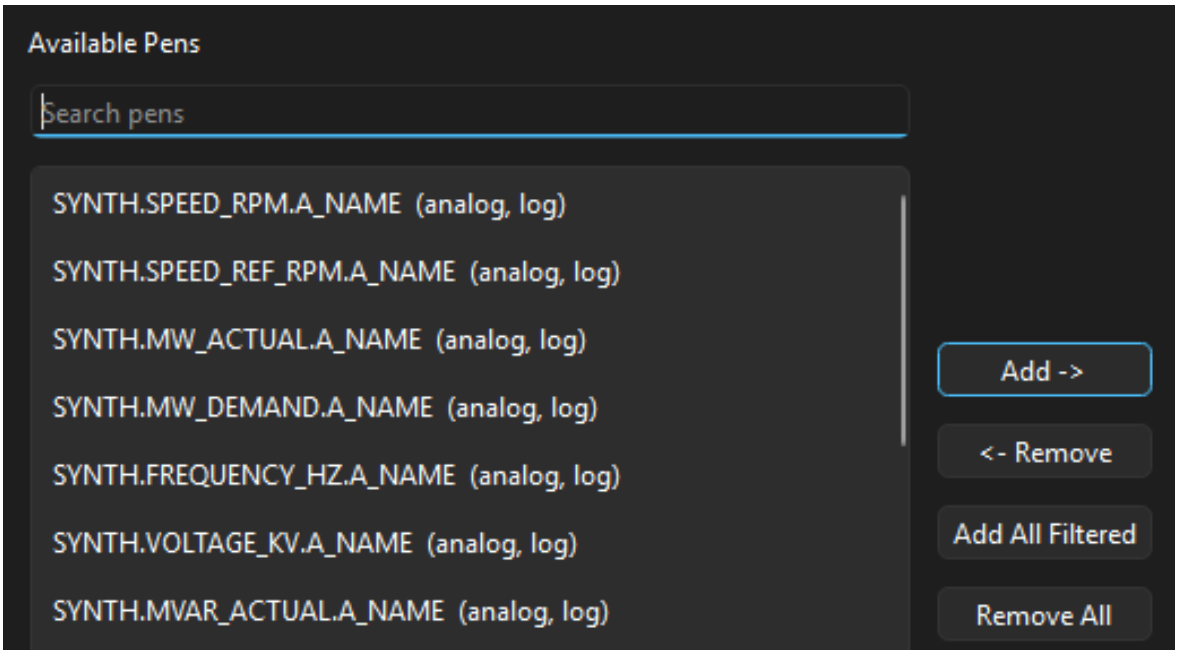
Keep the whole extracted folder together. Do not run TrendView.exe from inside the ZIP or copy only the EXE. The required application runtime is supplied with the package. Keep original recordings unchanged and select a writable export destination. Close TrendView before updating from USB. Retain the complete previous application folder as rollback. Verify the replacement package against its supplied SHA-256, then extract the complete package into a separate folder; do not replace only the EXE. Preserve existing activation data in its current application-data location and use the same Windows account and launch/profile settings on the licensed PC. Launch the replacement. To roll back, close it and launch the complete previous package with the same activation-data location; do not overwrite or restore licence files automatically. Contact support if activation is not retained.

A limited update/rollback check confirmed activation retention and offline restart with the existing licence profile. This applies to that tested replacement, not every future update.

Open a recording and choose pens

Recording	What to open
CSV / TXT / TSV	Use File > Open for a supported recording with recognised time/tag columns.
MicroNet LOG	Keep its complete timestamp and UTC-offset filename.
FactoryTalk DAT	Keep the data DAT and its matching (Tagname).dat companion together.

5. Choose File > Open and browse to Examples in the complete package. Start with TrendView_Example_CSV.csv, containing 16 signals over 180 seconds.
6. Wait for loading to complete. In the pen selector, search and add the signals you need, then Apply.
7. Use Show checkboxes for visibility. Hide All and Show All change visibility; they do not erase samples or group assignments. The table search filters rows without deleting or hiding plotted signals. Clear removes Search and performs Show All, including selected pens outside the filter.



Enlarged Available Pens and Add/Remove controls from the separate public 32-pen synthetic LOG.



Apply commits the selected working set; Cancel discards pending selector changes.

After Apply, the graph shows the visible pens and the table lists the selected working set. Confirm the filename, loaded/selected/visible counts, time extent and any import warning before interpreting a curve. A loaded pen is available from the file; a selected pen belongs to the working set; a visible pen has Show enabled. A flat-looking line can be a scale issue rather than a missing signal.

For FactoryTalk DAT, keep both data and matching (Tagname).dat files. Preserve the 32-pen LOG's complete supplied filename.

Choose Overlay Grouped or Stacked

Mode	Use it for
Overlay	All visible pens on one plot, with per-pen scales.
Grouped	Two or three plots containing assigned pens; each plot has an independent active engineering scale.
Stacked	One separate plot for each visible pen, in existing order; scroll to other pens.

In Grouped, use the 1 / 2 / 3 selectors in each pen row. Each pen belongs to one group; new pens start in Group 1. A hidden pen stays hidden when reassigned. Reducing 3 plots to 2 asks permission to move Group 3 members into Group 2, including hidden pens.



Actual Grouped application view with two populated plots and the same 16-pen synthetic CSV used in Overlay and Stacked.

All modes share horizontal time navigation and A/B times. Group membership and per-pen scales survive mode changes. Stacked includes only visible pens and shows No pens visible after Hide All.

CSV date choice: if asked, choose DMY or MDY using the recording producer's convention. The dialog shows both meanings of the actual date; Cancel keeps the current session unchanged. Duplicate headings remain separate source-column pens. See the Manual's worked date example.

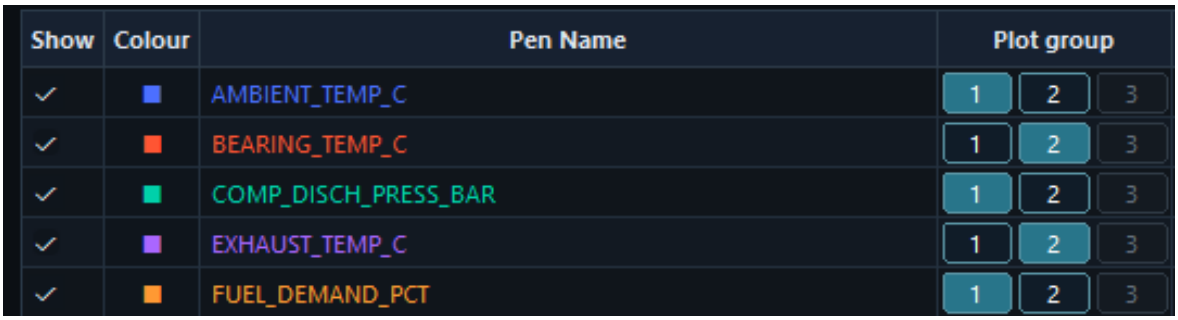
Read the mode and visibility controls



Plot mode and Grouped plots count, enlarged. The count applies to Grouped only; Stacked is not limited to three pens.



Clear performs Show All after clearing Search. Hide All retains the selected pens and assignments.

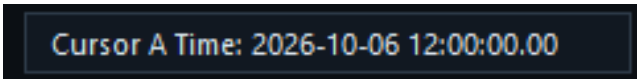


Enlarged source rows: Show changes visibility; 1 and 2 choose membership. Group 3 is unavailable when the group count is two.

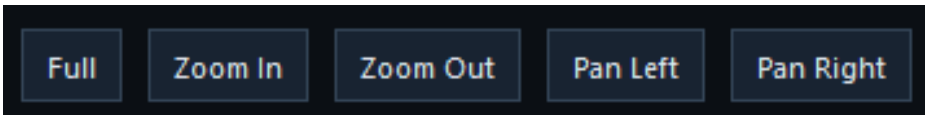
For your first Grouped view, keep two plots. Use the row buttons to put related signals together. Click inside the required plot before changing its active scale or exporting it. Switching back to Overlay does not discard the assignments.

Navigate scale and measure

8. Use Full, Zoom In/Out and Pan Left/Right. Right-click a plot for Zoom Between Cursors. Horizontal movement is linked across plots; it does not change the source samples.
9. Click the plot you intend to work with. The cyan outline identifies the selected export target; hover does not change that target.
10. Choose Active Scale within the selected plot. Edit Scale Low and Scale High in the pen table; Low must remain below High. Different traces may use different engineering ranges.
11. Drag A and B. Their times are shared across plots and the table reads each pen's nearest raw sample. Select a cursor and use Left/Right for 1-second steps, Shift for 0.1 seconds, or Ctrl for 10 seconds.

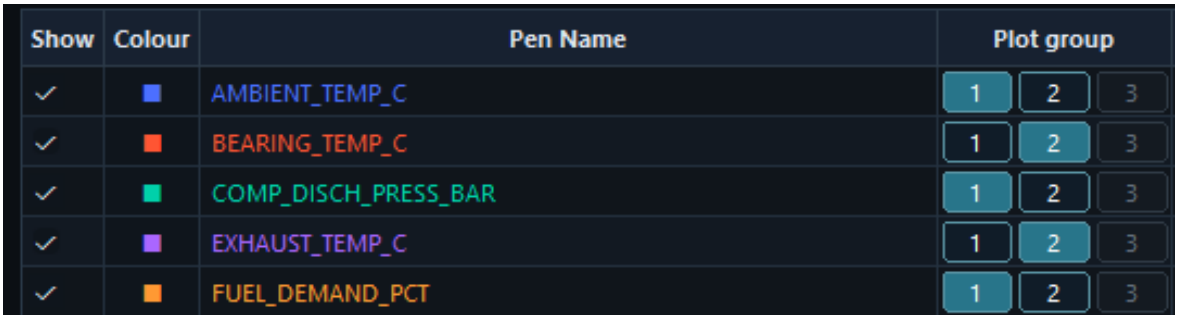


Enlarged Cursor A time label; Cursor B has a separate neighbouring label.



Time navigation controls, enlarged. Full restores the entire time extent; manual engineering scales are retained.

Current is a temporary hover readout. A/B values, deltas and Current values are taken from raw samples, not interpolated display envelopes. At an exact equidistant raw-sample tie, the earlier sample is chosen. Display rounding is not stored numerical precision.



Actual table controls: Show changes visibility; row group selectors change only that pen's membership.

Export and finish

Mode	PNG and CSV pen scope
Overlay	All visible pens in the single plot.
Grouped	Visible pens in the explicitly selected group only.
Stacked	The explicitly selected visible pen only.

12. Click or right-click the required plot. File-menu export uses the last explicitly selected plot; an empty target disables export rather than falling back.
13. Choose Save Plot Image for the selected plot's current viewport and Y scale. To frame A/B, first use Zoom Between Cursors. This saves one plot, not the whole stack or all groups.
14. Choose Export CSV > Full Trend or Between Cursor A/B. Full Trend uses the selected target's entire source time extent; A/B includes native samples at both endpoints. The current zoom does not replace CSV scope.
15. Both native Save dialogs start in Documents/Turbine-iQ/TrendView/Exports. Choose another destination for that export if required. Cancellation creates no output.
16. Inspect your saved PNG and CSV, then close the viewer normally. On this activated PC, the next normal launch opens the viewer without the first-run form.

The PNG legend shows up to 8 entries with an accurate +N more indicator. CSV preserves native sample rows without resampling; values are formatted to 12 significant digits. Timestamp text has milliseconds but no UTC offset, so keep the original recording and its timezone information.

For purchase or licence recovery, hardware replacement or transfer assistance, use Help > Licence Support or support@turbineiq.co.uk. The status/support views provide the verified order reference and a copy option. Offline activation is a separate support route; do not share purchase activation codes publicly.

Unsupported recordings. If TrendView cannot open your recording, contact support@turbineiq.co.uk with the file type, producing software/version and error message. Where authorised, include a small original recording and any required companion files. We can assess the format for a patch or future revision. Support for every format cannot be guaranteed. Remove sensitive information before sending.