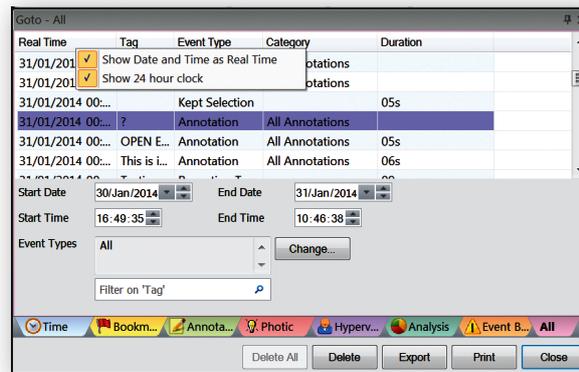


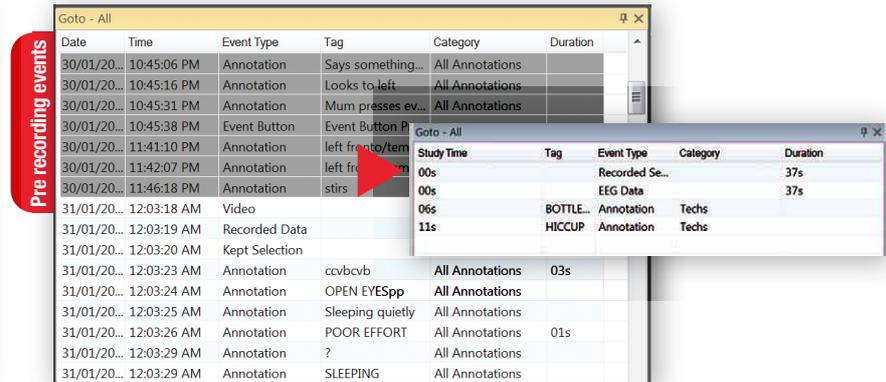
1 Enhancements in the GoTo Window

User Interface Enhancements

- The **GoTo** window tabs in colour and with icons.
- **NEW!** - Hyperventilation tab added.
- The **GoTo** Window now shows **Study Time** or **Real Time**. User can change by right clicking on the column header.
- **GoTo** list now selects the last viewed annotation in the EEG traces - so that it updates while user scrolls through EEG data.

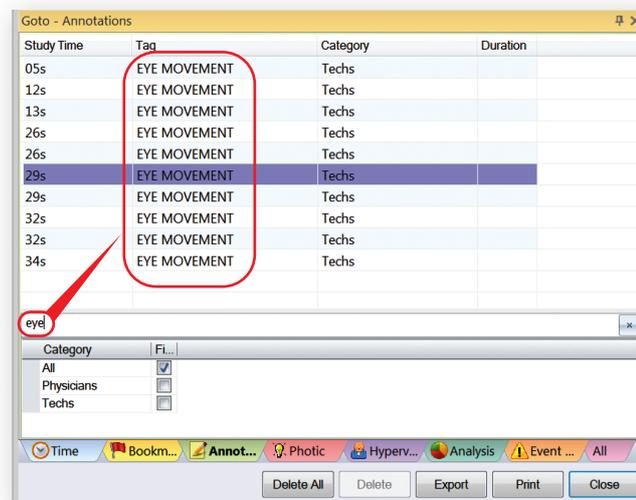


The GoTo window only shows events during recording.



Filter by text or by Category

In both the **All** tab and the **Annotation** tab you can now filter text in the **"Tag"** column and also by category.

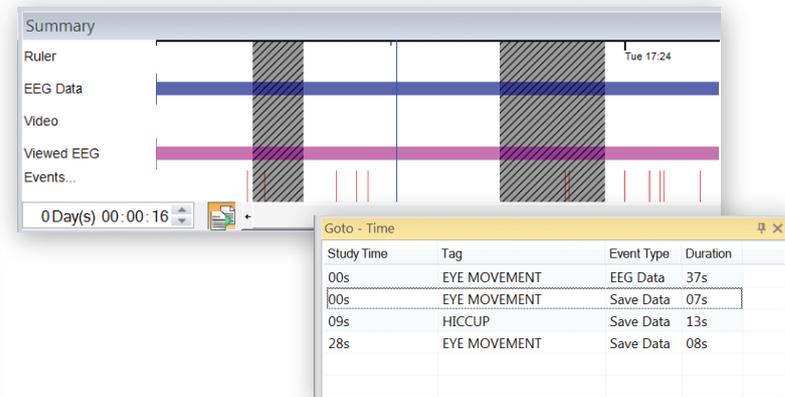


Type text to filter >

You can also filter by category >

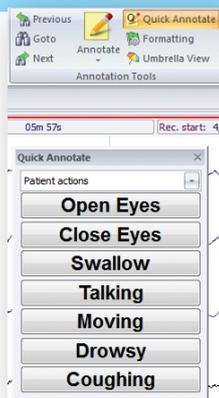
"Save Data" Event

When data is marked for deletion (marked with a dark shaded region), the Time tab of the **GoTo** window now shows the sections of data which will remain after deletion. These are shown as event type "Save Data".



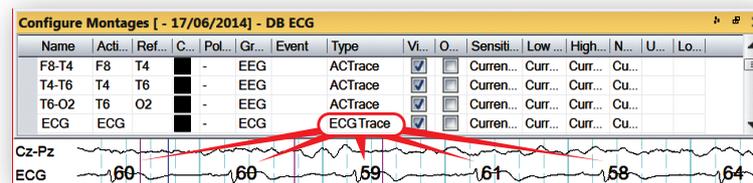
2 Quick Annotate Window

A **Quick Annotate** function has been added to show the quick annotations.



3 ECG Trace and heart rate added

A special **ECG trace** with heart rate is available.

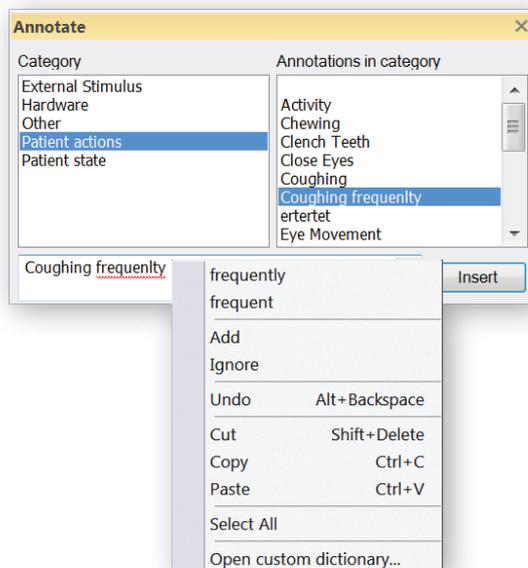


4 Enhanced Annotation

Easier use of Categories and Editing of Annotations

The **Annotation window** uses categories to access annotations. You can also easily edit, delete, add or remove from Quick List.

Spell checking and auto complete added >



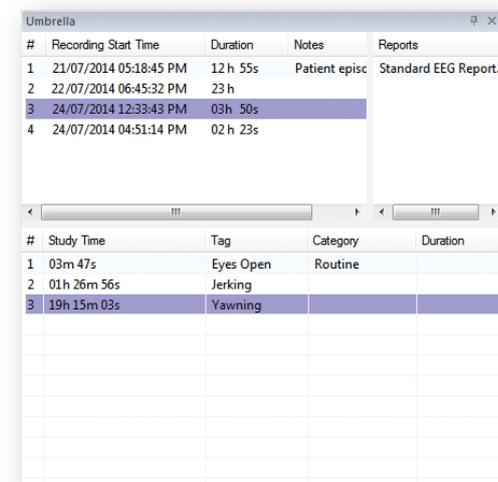
5 Umbrella View

Allows users to group multiple recordings in one study

Using Profusion EEG5 combined with **Profusion Nexus**, the user can now merge multiple recordings from one patient into one study with just a few easy clicks.

The **Umbrella Window** shows all the recordings and annotations in a single study and allows easy navigation to any point in the combined study.

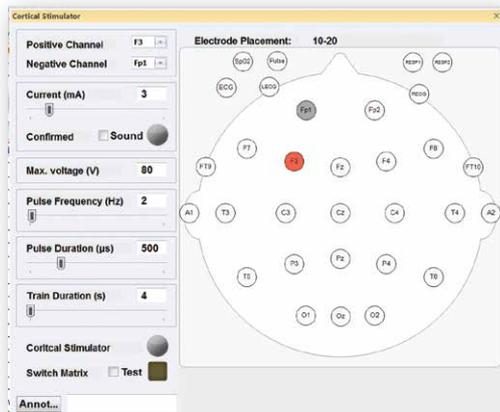
This allows quicker review and assists with improved diagnosis.



6 Support for Switch Matrix* and Cortical Stimulator

OPTIONAL
ADD-ON

Profusion EEG5 now supports Switch Matrix and Cortical Stimulator.

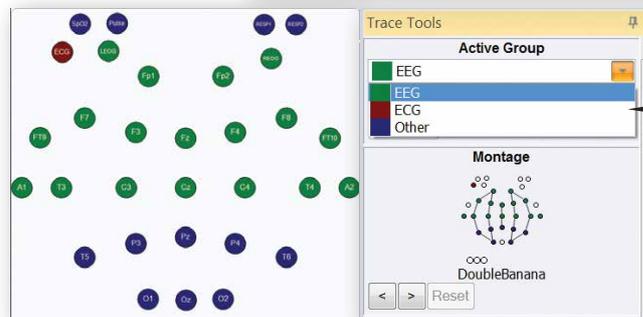
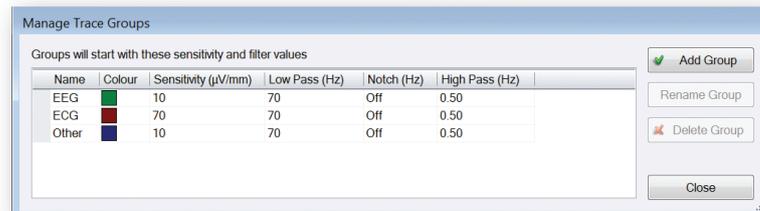
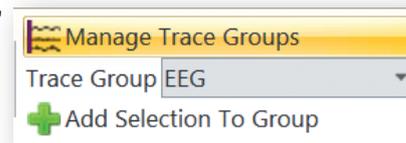


* Please contact your local representative for availability in your region.

7 Custom Trace Groups

Add **Custom Trace Groups** when configuring electrode placements. Groups can be assigned colours, initial sensitivities, filter values and of course electrodes. This is particularly useful when setting up grid patients.

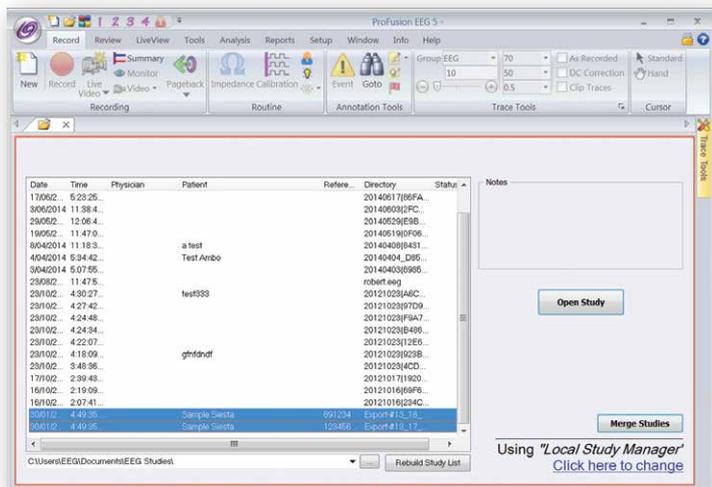
When creating a reference montage from an electrode placement, the electrodes will automatically adopt the colours, sensitivity and filter settings of the group they are in.



The trace tools **active group combo window** shows the group colours.

8 Merging Studies

It is now possible to **merge studies**. The more recent of the selected studies are merged into the oldest selected study.



9 Retrieve Lost Packets (Siesta Amplifiers)

Lost data can now be retrieved from Siesta recordings if you record to hard disk and the data card. This can be done at the end of the recording while the Siesta is still connected.

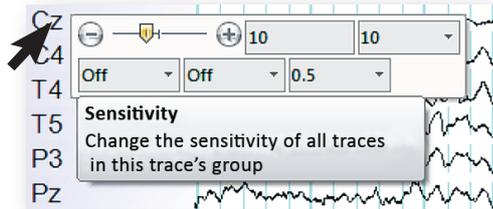
ProfusionEEG5 will prompt the user, or can be done later via the data card.



10 Floating Toolbar

A **floating toolbar** appears when you hover the mouse pointer over the trace labels. This allows you to change the sensitivity and filters of ALL traces in the trace group in which the hovered over trace is in. You can also change the time base.

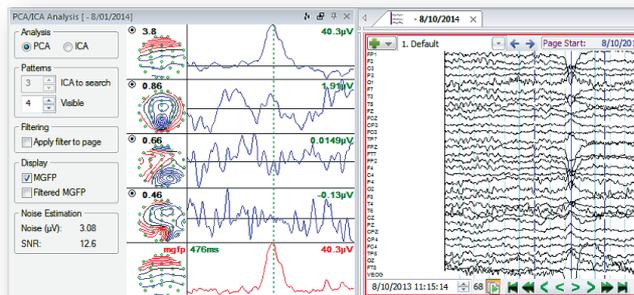
The **floating toolbar** also appears with the context menu (right mouse click). If traces are selected, the change of sensitivity and filters works on the selection. If no traces are selected, the change of sensitivity and filters works on the group in which the hovered over trace is in.



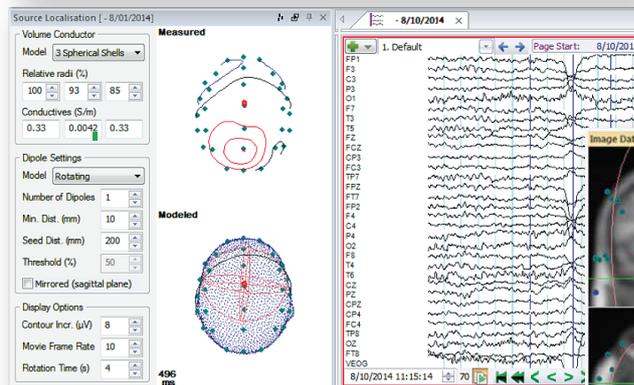
11 Principal / Independent Component Analysis (PCA/ICA) and Source Localisation

OPTIONAL ADD-ON

Visualize your EEG with Principal / Independent Component Analysis (PCA/ICA) and Source Localisation
Now available as an option in Profusion EEG5.



< **Principal / Independent Component Analysis**



< **Source Localisation**

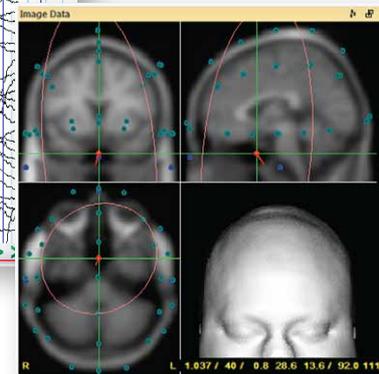
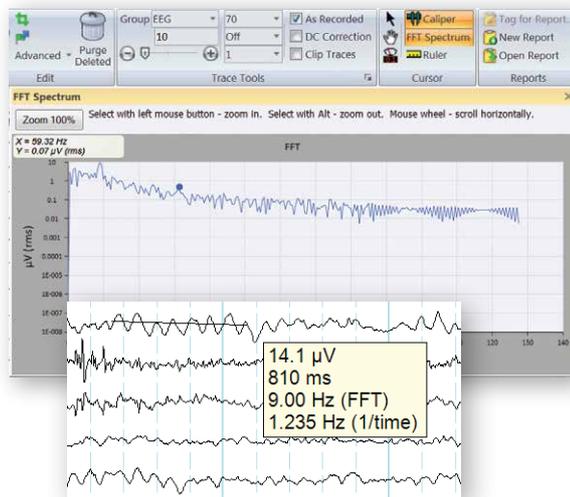


Image Data >

12 FFT Spectrum

FFT Spectrum can be shown when using the Caliper.



If the **FFT Spectrum** button is not checked then both the old (1/time) and the new (FFT) values are shown.

To find out more about this product, contact your local Compumedics representative.

www.compumedics.com



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