

Update ASA 4.8



Expand your research potential with ASA 4.8.

The ASA 4.8 software has everything needed for a complete analysis of EEG / ERP and MEG data. From features like (pre)processing of data, co-registration of multimodal images (MRI, fMRI, CT) and visualization of results to head model creation and various source localization methods.

Moreover, ASA 4.8 allows users to process complete studies in batch mode and exchange data with MATLAB® for further analysis.

These are some of the newest additions to the already extensive list of ASA features:

Highly advanced 3D display of single channel coherence

Next to being able to calculate coherence between a single channel and all other channels, ASA 4.8 enables you to display the results in a 3D map. This user friendly visualization method provides you with a detailed view of your data. What once seemed to be indescribable is now defined with ASA 4.8.

Enhanced artefact detection feature

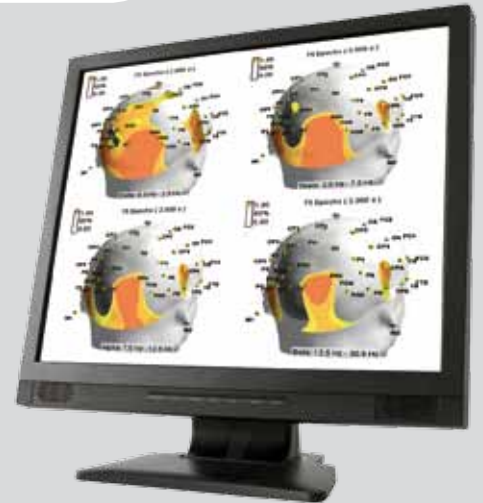
Artefact detection is seen as a challenge by many. Newest technology advancements have been applied in ASA 4.8, resulting in extension of the threshold detection method with highly accurate standard deviation and gradient based methods. A proof of our continuous effort for improvements. What is more, all methods can be used in combination with EEG and MEG applications.

Visualization and optimal performance of the MRI view

Navigating through slices and visualization of 3D models has never worked so smoothly! MRI images with inverse solutions can be fused with fMRI, CT and SPECT images.

Channel interpolation feature

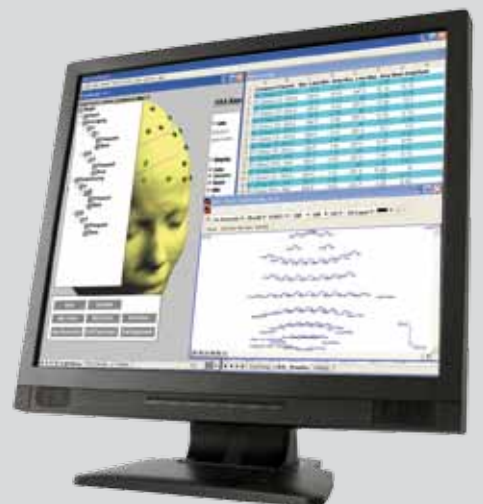
Take advantage of the new channel interpolation feature. Select the nearest number of neighboring electrodes used for the spline interpolation calculation to generate illustrative data representation.



3D map of single channel coherence



*Co-registration of MRI and CT
e.g. to visualize ECoG grids*



The ASA Experiment Manager

New display filters

The techniques used for EEG/MEG visualization have been updated with respect to the display of filtered data in the most reliable way. The new FFT display filters allow you to switch effortlessly between different settings.

Set up your experiment

Intuitive workflow in Experiment Manager utilizes straightforward analysis for a complete group of measurements. Through personalized scripting with ability to add your research preferences, ASA 4.8 provides you with functional tools to extend your research potential.

And more...



Download your free trial version at www.ant-neuro.com

Choose your license type

License packages	ASA – ERP Single or network license	ASA – PRO Single or network license
EEG viewer	X	X
2D views	X	X
Signal processing	X	X
3D mapping	X	X
Spectral analysis	X	X
Experiment manager	X	X
MEG		X
Head modeling		X
MRI support		X
Source reconstruction		X
Spike and seizure detection		X

Note: recording system can be purchased separately

ASA 4.8 is intended for research use only. For more information and most recent updates about ASA please refer to our website.

ANT Support

We are always thinking of new ways to provide our customers with resourceful information to advance their research and be able to benefit from the full functionality of our highly interoperable systems. The ANT user forum, online support and direct support are just a few to name. Our support team of dedicated professionals is able to give accurate answers in no time; a result of knowledge and experience gained through many years of fieldwork and close collaboration with our customers. Every system and software purchase is followed by a complimentary standard support of one year. A prolongation of support service as well as extended range of support services is available upon request.

System requirements for ASA 4.8

- Runs under the following OS: Win XP, Win 7 32 bit or 64 bit (in XP-mode)
- Required internal memory of 1024 MB
- For optimal use screen resolution of min. 1024 x 768 is recommended
- A wheel-mouse recommended
- Central processing unit (CPU): > 2.2 GHz
- MS Internet Explorer 6.0.26 or higher
- CD / DVD player
- DirectX 9.0 c or higher
- USB2 for use of dongle license



A **single license** includes 1 USB dongle and allows one single user to operate the ASA software in different physical locations.



A **network license** is a combined license including two dongles: One single license dongle and one network dongle. The network dongle allows analysis with the ASA software to 10 concurrent users in one network.