

Brain Products Distributors

News in North America – Widespread changes for Brain Vision LLC

by Patrick Britz, Brain Vision LLC

Since 2004 ,Brain Vision LLC has been the sole North American distributor of Brain Products technology and equipment. Recently, there have been many new and exciting developments.

My name is Patrick Britz, formerly responsible for support, workshops and sales at Brain Products' German headquarter in Gilching. Some of you may remember my name from articles I have contributed to previous newsletters.

On July 1st 2009, I took over responsibility for the day-to-day business operations of Brain Vision LLC from Ingmar Gutberlet, the name many of you have come to associate with Brain Vision LLC in recent years. Ingmar has not left us, but will now be focusing on his tasks as the Customer and Scientific Support Manager for Brain Products. I, on the other hand, am looking forward to continuing the excellent service Brain Vision LLC has provided to the North American market in the past.

Further developments have been made necessary by the consistent rapid rise in demand for Brain Products hard- and software solutions in the USA. To ensure a high and reliable level of service, the team

has been joined by two new motivated members. My assistant, Gretchen Koch, joined Brain Vision LLC after graduating in biochemistry from Penn State University. Natalie Dion is Brain Vision's new office manager and brings us her extensive and valuable experience in the efficient conduct of modern business management.

Finally, the recruitment of so many new personnel meant that we definitely needed a bigger office. As the time had come for us to move from our existing premises, we decided to relocate the company to the East Coast. Therefore, I should like to ask you to note Brain Vision's new address:

Brain Vision LLC, Meridian Parkway, Suite 300, Durham, NC 27713, United States

Please let us know how we can be of service to you - we are always delighted to help!



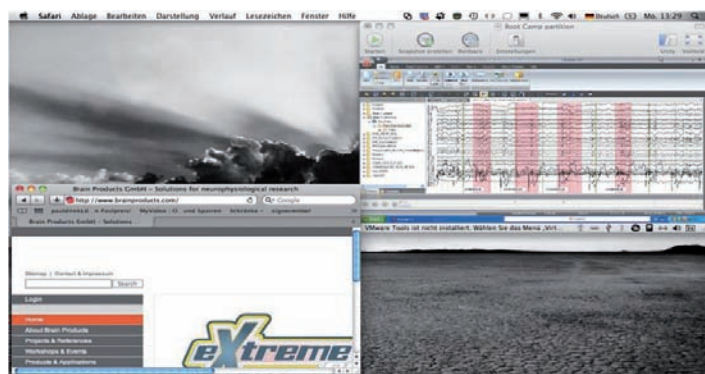
Support Tip

BootCamp - BrainVision Analyzer on Apple Mac Systems

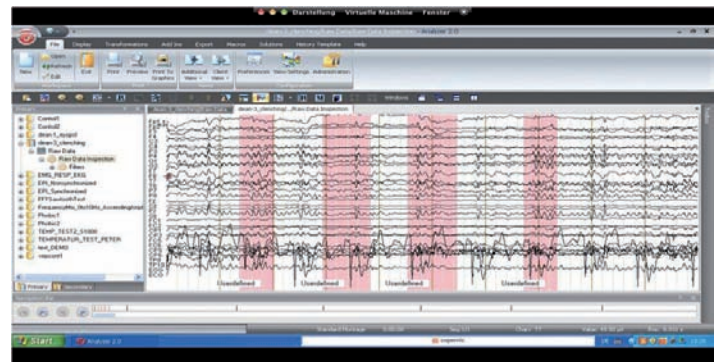
by David Kadlec, MES Medizintechnik GmbH

One frequently asked question is whether our Brain Products software – and Analyzer 2.0 in particular – works with Apple Mac Systems. It has been possible to run Windows on Apple Mac Systems as of 2006, since when users have been able to install, connect and work with the entire Brain Products range on Apple hardware. The reason for this is the change in Apple's chip supplier. Apple has now switched to Intel technology and, as a result, it is now possible to install the Windows XP, Windows Vista and Windows 7 operating systems without problems.

Broadly speaking, there are two ways to use our software and hardware products on a Mac. The first is to install a Windows version with "Boot Camp". When using Boot Camp, you must first start the system in "native" mode because this software is not an emulation product like Parallels Desktop, VMware Fusion, Virtual Box. If Win-



Pic 1: Using Analyzer 2.0 in VMware and Safari-Browser in Mac-OS on a 13" MacBook



Pic. 2: Analyzer 2.0 in VMware mode in full screen image

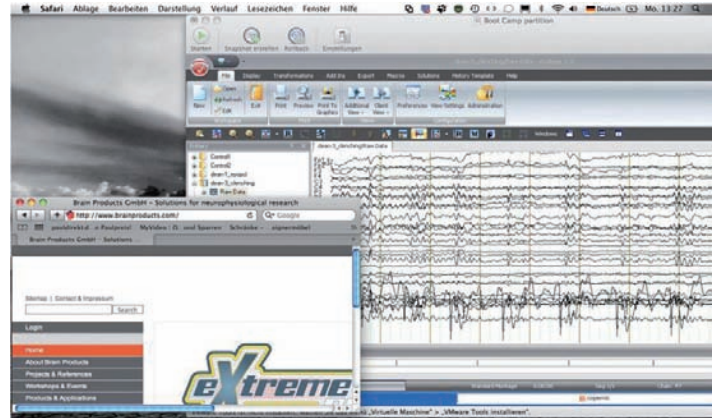
dows is installed correctly, together with all the drivers for the USB ports, then we can confirm you can use our systems without problems. The greatest inconvenience when working with Windows as native software is that no one-click switchover to the MAC OS software is possible. You first have to shut down Windows and then restart in Mac mode. This operation always takes about 5 minutes.

If you prefer to work with emulation software or a virtual machine, then we suggest that you install the emulation software Parallels Desktop or VMware Fusion. What is a virtual machine? It is the software equivalent of a real physical PC on which you can install and run operating systems and applications. In the case of VMware and Parallels, a virtual machine corresponds to a PC. You can think of a virtual machine as an ordinary PC that is installed inside another PC and imitates the actions of the various hardware components

present in the host PC such as the processor, RAM and hard disk drive. The Mac on which the emulation is running is referred to as the host and the virtual machine running in it is known as the guest. The arguments in favor of these solutions are the fast switching between MAC OS and Windows, i.e. you can observe both machines in real time if necessary, it is not necessary to restart your MAC, and you can integrate your installed Windows Boot Camp configuration. Runtimes/operating times are not a concern. Even though Windows is emulated, the performance of data analyses etc. suffer from no complications or appreciable delays.

So far, there is no way of launching the installed software with Xover which does not need to boot Windows XP. Using this method, you start programs with MAC OS directly from the hard disk. However, our software cannot be run in this way.

One problem experienced by most new users of Apple hardware is working with the Apple keyboard. However, our software is designed for the usual Windows keyboards. For example, users searching for the delete (Forward Delete) key are sometimes confused by the fact that there is no such key on the Apple MacBook and MacBook Pro built-in keyboards. The most convenient solution is to work with the right/left mouse buttons with an external Windows keyboard connected.



Pic. 3: Analyzer 2.0 in the background in VMware 3.0 mode. VMware 3.0 is running the Boot Camp partition.

Because PC and Mac keyboards differ, you have to press certain key combinations to access various PC commands on MacBook, MacBook Pro or external Apple keyboards. You should note that to access the function keys, you must press the Fn key plus the required function key. Please refer to the table below. ●

PC-Keyboard	Apple, external Keyboard	MacBook and MacBook Pro integrated Keyboard
Print	F14	
Scroll Lock	F15	
Break/Suspend	F16	
Backspace key	Delete	Delete
Delete (forward deletion)	Delete x>	Fn + Delete
Paste	Cmd+V	Cmd+V
Num Lock	Num	Fun+num lock F6
Command (Windows-Logo-Key)	Apple Logo Key	Apple Logo Key
Alt	Alt-Key	Alt-Key