



# Compumedics vista

COMPUMEDICS CLIENT UPDATE, ISSUE 34

over **20** YEARS of ADVANCED  
BRAIN RESEARCH

**25** YEARS OF  
SLEEP DIAGNOSTICS  
EXCELLENCE

Proudly Supporting  
**The 11th International Conference on Cognitive Neuroscience,**  
Mallorca, Spain • 25th - 29th September, 2011

## Introducing **CURRY<sup>SCAN</sup>7** NEUROIMAGING SUITE

For more than 25 years Neuroscan has developed and provided world class tools for EEG data processing, signal analysis and multimodal neuroimaging with the core products of SCAN and CURRY software.

The **SCAN** software has served as the primary tool for EEG applications in more than 3000 labs around the world and maintains a leading position in data acquisition and processing software.

The history of the **CURRY** software is well known. Throughout the world, CURRY has the well deserved reputation as the most advanced and comprehensive tool for Multimodal Neuroimaging combining functional data such as EEG and MEG with imaging data from MRI and CT to optimize source reconstruction.

Now we are combining CURRY's strength with the acquisition and signal processing features of the SCAN software for a comprehensive EEG acquisition, data analysis, source localization and source imaging package.

### This change is the new **CURRY® Neuroimaging Suite.**

**CURRY Neuroimaging Suite** provides a new architecture that allows for greatly expanded functions and data handling. Ease of use has been carefully considered so that you can process data with unprecedented efficiency.

#### Here are some of the key features:

**Acquisition** is enhanced with easier, more flexible, and more advanced tools for on-line data processing, with up to 512 channels and sampling rates up to 20 kHz.

**Artifact Reduction** for up to five types of artifact can be applied simultaneously, letting you verify the quality of the data while the subject is still connected. Artifacts include blinks, pulse artifact, MR gradient artifact, ballistocardiogram, and bad blocks. Reduction methods include Subtraction, Covariance, PCA, and ICA.

**On-line averaging** is enhanced, with the ability to extract both standard TTL triggered and conditional averages. Averages can be overlaid and compared directly on-line. Data processing can be applied and those optimized parameters can be saved for off-line application. When the Source Analysis license is purchased, averages can be sent directly to the module for on-line source reconstruction.

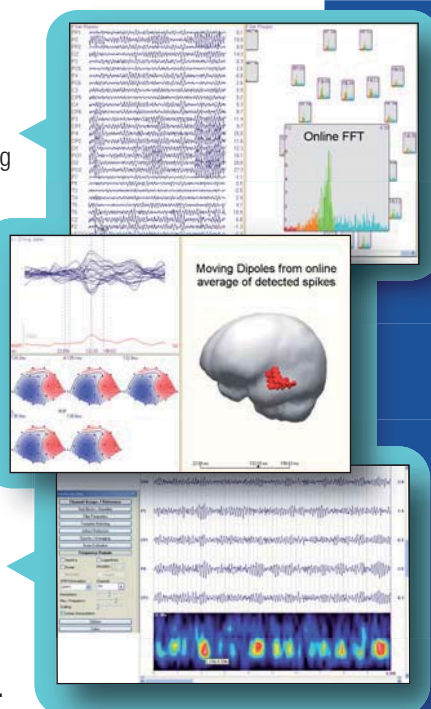
**Split windows** can be viewed for both continuous and averaged data. A full complement of data processing and viewing parameters can be applied to the windows independently to maximize your understanding of the data on-line.

**Impedance testing** is available without interrupting data acquisition, and is provided in a simple visual display with values for each electrode.

A **Workflow** feature provides a guided tool to navigate all of CURRY's features.

**Frequency analysis** includes STFFT and Wavelets.

★ **Contact your Compumedics representative for product availability and more information.**



## INSIDE

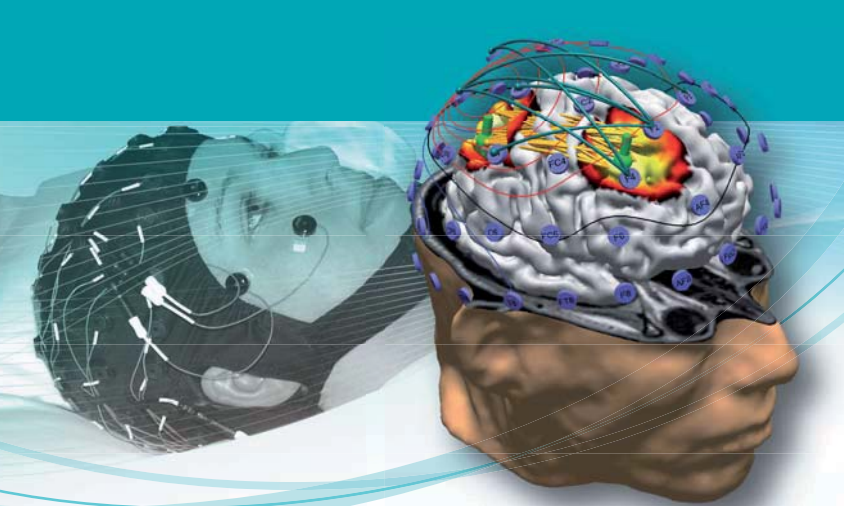
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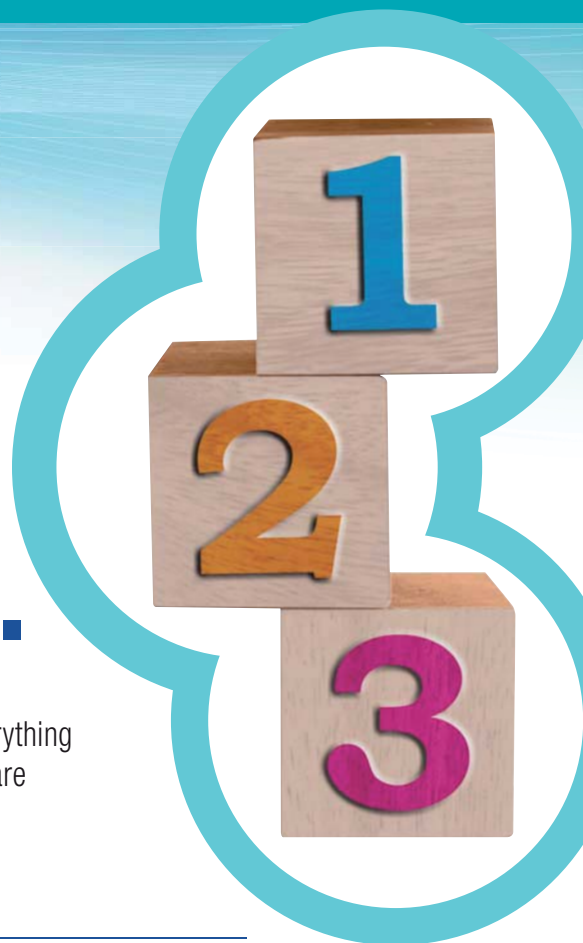
Distributor partner enquiries welcome.  
Please email us at [marketing@compumedics.com.au](mailto:marketing@compumedics.com.au)



# Building your Neurology lab is as easy as...

Let us show you how.

No matter what your needs are for an EEG or sleep lab, Compumedics has everything you require to build a great facility. Compumedics has the hardware and software solutions you can rely on to run your lab efficiently, effectively and reliably. In addition, Compumedics through our Neuroscan division can reliably meet all your EEG research needs.



## 1. Choose your hardware...

## 2. Choose your software...

## 3. Add some options...



**NEW Grael HD PSG/EEG (★)**  
High-Definition  
EEG / PSG Amplifier  
for the clinical world



**Neuvo LTM EEG**  
The Ultimate High-Density,  
High-frequency  
EEG System



**Siesta (★)**  
Revolutionary PSG &  
EEG Diagnostics for  
a Wireless World



**Safiro (★)**  
Diagnostic Excellence  
in Ambulatory  
PSG & EEG



**E-Series (★)**  
Comprehensive,  
Network-linked Amplifier  
System for PSG & EEG



**Xegis EMG/EP**  
Leading the way in  
Neurophysiology.



**SynAmpsRT**  
The Gold Standard  
Amplifier for high-end  
research.



**ProFusion EEG 4**  
World Class Acquisition, Review &  
Analysis Software for EEG.  
NOW fully supported in CURRY  
Source reconstruction  
analysis software.



**Digital video (★)**  
Superior capabilities with full  
720 x 486 resolution at 30 frames  
per second. MPEG 4 compression.



**ProFusion neXus Lab  
Management System (★)**  
Complete laboratory management  
system for total patient data &  
laboratory control



**CURRYSCAN7  
Neuroimaging Suite**  
World renowned, Gold Standard  
software in multi-modal  
neuroimaging and source  
reconstruction analysis.



**neXus Remote Access (★)**  
Get easy web or network access  
to patient studies from anywhere, with  
the confidence of full HIPPA compliant  
data access.



**neXus Scheduler (★)**  
Expand the power of neXus Intuitive  
tools to aid in scheduling appointment  
times and staff availability.



**ProFusion PSG (★)**  
World Class Acquisition, Review  
& Analysis Software for PSG.



**Persyst**  
online and offline spike and seizure  
detection - Persyst Spike and Seizure  
Suite is seamlessly integrated into  
ProFusion EEG.

## Recording EEG in the MRI



**Maglink RT**  
Proven, patented, data-acquisition in  
the MRI. The MagLink RT system  
combines the patented MR-compatible,  
safe transmission system of the  
Compumedics SynAmps RT amplifier,  
with an enhanced version of the Scan Data  
Acquisition Software suite.

★ - Supports PSG too

Please contact your local Compumedics  
representative for product availability.



## Milestone EEG contract win to equip the new & internationally acclaimed Royal Children's Hospital, Melbourne

Melbourne, Australia, March 8, 2011 - **Compumedics Limited** is pleased to announce another significant milestone by being awarded the contract to supply EEG equipment for the Neuroscience Centre at the new Royal Children's Hospital Melbourne (RCH), which opens in late 2011. Upon opening, the RCH's pediatric epilepsy / EEG facility will be the largest in the Southern Hemisphere. The contract to deliver the latest Compumedics EEG technologies includes the new Compumedics **NEUVO® LTM EEG**, **Grael®HD** and **Siesta®802 wireless** systems. The EEG systems are to be used for routine clinical EEG and surgical monitoring. This purchase represents another major milestone in Compumedics' entry into the global \$250 million LTM/Neurophysiology market.

To read the rest of this article, log on to: <http://www.compumedics.com/article.asp?p=33&a=311>



Compumedics Grael HD  
High-Definition EEG

## Compumedics North China distributor, Bestmed, signs milestone USD 800K sales order for latest generation sleep and EEG diagnostic solution.

**Compumedics Limited** is pleased to announce another significant milestone as part of the company's stated objective to expand its sales into its key target markets by two to three times, with the receipt of a \$760k (USD800k) order from Beijing Bestmed Tech Ltd (Bestmed), Compumedics' distributor to North China.

Bestmed has been Compumedics' distributor to North China for over 10 years and has significantly built the Compumedics® Chinese brand over this period of time. This enables Compumedics today to claim the position as the premier supplier of premium sleep products, which support some of the most coveted clinical and research centers of excellence across China. The current milestone sales order represents year-on-year growth of 33% and will comprise Compumedics' latest generation **Grael® PSG and EEG systems**.

To read the rest of this article, log on to: <http://www.compumedics.com/article.asp?p=33&a=317>



## Infinite Possibilities Research Unleashed



## OCT- 11

California Sleep Society	Oct 1-2	S	California, USA
14th Clinical Neurophysiology Workshop of the Aust & NZ Ass of Neurologists	Oct 2-5	NS	QLD, Australia
Michigan Sleep Disorders Association	Oct 7-8	S	Michigan, USA
Kentucky Sleep Society 13th Annual Sleep Medicine Conference	Oct 14-16	S	Kentucky, USA
Children's Hospital of Wisconsin Pediatric Sleep Conference	Oct 17	S	Wisconsin, USA
Helmut Schmidt Sleep Symposium	Oct 22	S	Ohio, USA
EU Neuroscan School	Oct 24-28	N	Hamburg, Germany
Australian Sleep Association (ASA)	Oct 27-29	S	Sydney, Australia
6th Annual Conference on Pediatric Sleep Medicine	Oct 27-30	S	Florida, USA
Sydney ProFusion ProFiciency School	Oct 30-31	S	Sydney, Australia

## NOV- 11

Virginia Academy of Sleep Medicine Meeting	Nov 4	S	Virginia, USA
American Association of Respiratory Care (AARC)	Nov 5-8	S	Florida, USA
DGSM	Nov 10-12	S	Dusseldorf, Germany
Medica	Nov 16-19	G	Dusseldorf, Germany
French Sleep Meeting	Nov 21-24	S	Strasbourg, France

**Information on Compumedics' events is available at:**

**[www.compumedics.com](http://www.compumedics.com)**

**> Home > News > Upcoming Events**

\*All information listed here is subject to change at Compumedics discretion without notice.

**Find us on:**



Compumedics host Education Events - both online and face-to-face. Compumedics is committed to educating our customers.

## Compumedics Business partner in Spain: Intelimed Iberica S.L



**Located in Madrid, Spain, Intelimed Iberica S.L has been a business partner of Compumedics since 2004. The company represents Compumedics entire Neuroscan product range in the Spanish region.**

Intelimed Iberica S.L. was established in July 2003 in Madrid to distribute and support advanced equipment for research in the Neuroscience fields (Neurophysiology, Neuropsychology, etc.) and clinical equipment. With over 20 years of experience in the field, its founders wanted to carry on the tradition of innovation, quality and vision obtained while working for the main and most prestigious manufacturer of this type of equipment in the world, Compumedics Neuroscan, Inc. This alliance allows Intelimed the opportunity to customize for the market, adapt and establish their own solutions to address the needs of their customers.

Intelimed, has been able to establish a close relationship with various prestigious institutions in Spain. Intelimed's successful formula is quite simple: First, work closely with the laboratory to choose the right configuration for their needs; Second, setup the system; Lastly, a concentrated focus on after sale service and technical support.

**Intelimed Iberica S.L will be exhibiting Compumedics Neuroscan range of products at the 11th International Conference on Cognitive Neuroscience in Mallorca, Spain from September 25-29 at booth number 4.**



Above: Miguel Rodriguez (right) and Janette Rodriguez Campa of Intelimed ibérica.

## THE COMPUMEDICS DIVISIONS Defining Life's Signals

Compumedics' operations consist of five divisions each with its own product focus



**Compumedics Sleep**  
Clinical Diagnostic Systems for Sleep Disorders



**Compumedics Neuroscan**  
World-leading Research EEG/ERP systems



**Compumedics Neuroscience**  
Neurophysiology Clinical Diagnostic Systems



**Compumedics Neuromedical Supplies**  
Electrodes, sensors and Sleep laboratories and supplies for Neurology



**Compumedics DWL**  
Ultrasound Doppler Systems

**COMPUMEDICS®**  
'Defining Life's Signals'

## CONTACT [www.compumedics.com](http://www.compumedics.com)

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