

# Multimodality EEG Solutions in Neurophysiology

ALWAYS A SIMPLE INTEGRATED SOLUTION

THE SIENNA FAMILY COVERS THE FULL SPECTRUM OF CLINICAL EEG APPLICATIONS FROM ROUTINE EEG WORKSTATION TO LONG-TERM MULTI-CHANNEL RECORDINGS WITH DIGITAL VIDEO AND NETWORKING.

ALL SIENNA PRODUCTS SHARE A MODULAR DESIGN PROVIDING THE USER WITH THE FLEXIBILITY TO CONFIGURE EACH INDIVIDUAL SYSTEM.

## Sienna product features

- Desktop and portable solutions
- 40-160 channel USB amplifiers
- Innovative impedance check on the amplifier
- Up to 8 kHz sampling rate/channel
- 15 switchable bipolar inputs
- 8 bit trigger input for ERP applications
- High density connector for extended headbox
- LED photic stimulator
- High definition Video H.264
- Software controlled pan/tilt/zoom

All products in the Sienna family operate on MS Windows, so data output formats are completely identical. This approach creates one complete, efficient database making your interaction with the Sienna family of products an easy task.

## Versatility meets Flexibility

Hospital, clinic and office-based customers all require neurodiagnostic equipment that adds value to the practice. Currently, no single solution exactly meets all individual specific needs. EMS have utilized their more than 30 years experience in the development of Phoenix II and Sienna family of Digital EEG systems; a versatile, modular product line of EEG instruments offering choice, flexibility and designed specifically with the user in mind. EMS provides both flexible and dedicated customer solutions that can easily be configured to meet today's requirements and tomorrow's demands.



**Sienna**  
EEG Product family



## Workflow improvement

In a multiple EEG station environment, the Sienna design philosophy allows users to move easily between different stations without the need for additional training on separate platforms.

Moreover, the standard Sienna software contains the integrated "Workflow Manager" that makes it simple and effortless to record, review and archive data.

## Efficient and flexible data management

A single operating system philosophy allows the creation of a central patient database. Consequently patient data from different recording devices can be stored in single patient file resulting in easy access, data retrieval, reviewing and reporting.

Sienna reliable design assures improvement of efficiency and makes the everyday activities less time consuming.

**Sienna**  
EEG Product family

## Software options

- Record and Review software
- Digital Video
- FFT Spectrum Analysis
- Compressed
- Spectral Array
- Compressed
- Density Array
- Amplitude Mapping
- ERP software
- Sound Playback



## Expertise in Medical Solutions

With more than 30 years experience in Neurophysiology EMS continues to provide innovative technologies for Neurophysiology diagnostic examinations.

Our products are designed and developed to satisfy the most demanding customer needs and guarantee reliability, quality and flexibility in performance.

In addition to our neurodiagnostic units for EMG/EP/IOM, EEG, ERP and Poly EMG we offer Electrical Impedance Segmentography units as well as a full range of accessories and supplies.

Choose EMS products and use our professional worldwide sales, service and support network. Our international team of trained application specialists will provide you with individual user training and post-sales support.

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