



## Natus<sup>®</sup> NeuroWorks<sup>®</sup> LTM Solutions

Our most advanced LTM system  
in a user friendly package

**Enhanced Patient Mobility and Comfort** –

Continuous monitoring, even when the patient disconnects

**Maximum Comfort and Convenience for Clinicians** –

Sit-to-stand height adjustable, ergonomic cart that provides effortless access to software, devices and supplies

**High-Quality Data** – Record up to 256 channels at 16 kHz with the Natus Quantum amplifier

**Functional Brain Mapping** – Software integrated Cortical Stimulator compatible with the Natus Quantum amplifier

**Built-In Backup Features for Unattended Operation** –

On-board amplifier memory serves as backup in case of an emergency with built-in self-monitoring to rectify problems encountered in unattended operation



## Natus NeuroWorks Software

The Natus NeuroWorks platform simplifies the collection, monitoring and management of data for epilepsy studies

### Leading-edge software that provides an intuitive clinical experience

- Windows® 10 compatible
- Multiple Spike & Event analyzer options
- Fully synchronized, easy to set up, Full HD (1080p) TCP/IP PTZ network cameras
- Powerful qEEG trending

### Time-saving administrator functions

- Automated discovery of amplifiers and cameras using DHCP
- Automated settings synchronization across networked NeuroWorks stations

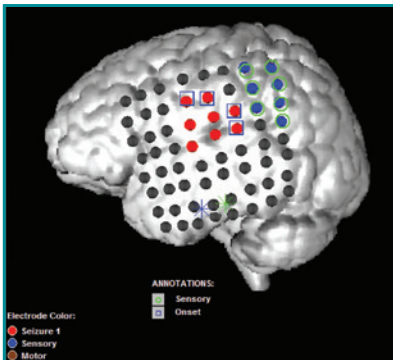
### Security and peace of mind for IT professionals and clinicians working together

- XLSecurity Layer with role-based security package and drive encryption
- Searchable and powerful enterprise level SQL server distributed database
- Bi-directional HL7 integration with HIS/EMR
- Automated software installation for large sites with Cerebrum Enterprise Solution

### Stellate GridView Software Extension

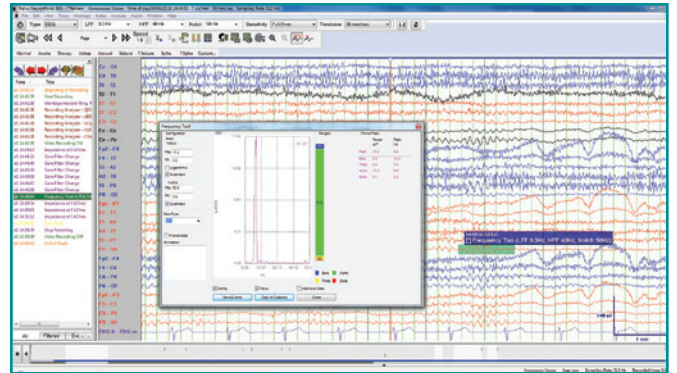
Easily capture and communicate intracranial EEG study findings

- Automatically segment pre-op MRI images to render a patient specific 3D brain model
- Co-register post implantation MRI or CT images with the 3D model
- Identify and highlight electrode contacts from within Natus NeuroWorks



### Frequency Analysis Tool

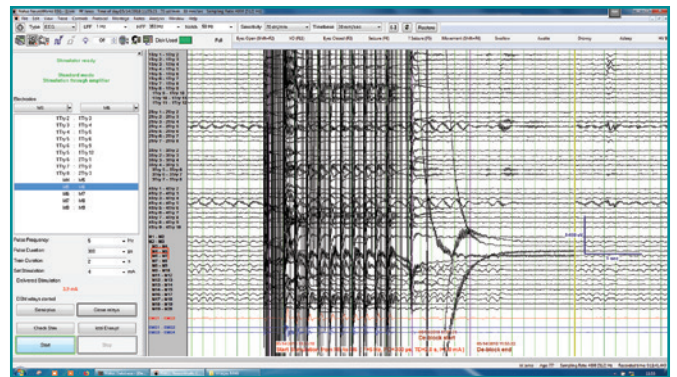
- Drag the area of interest
- Quickly identify frequency, amplitude and power for selected data
- Display percent for each frequency range



Frequency Analysis Tool in NeuroWorks

### Cortical Stimulator integration into NeuroWorks Software

- Control all parameters through the software
- Stimulation parameters as well as delivered current automatically captured into events
- Capture and classify patient response to stimulation
- Creation of reports for Cortical Stimulation procedures



Software controlled Cortical Stimulator in NeuroWorks

## Natus NeuroWorks LTM Hardware

A full line of durable, reliable, high-quality amplifiers for dependable data acquisition



### Natus Quantum

Ideal for advanced epilepsy diagnostic procedures

- 64-, 128- or 256-channel configurations available with up to 16 differential channels
- Excellent signal quality with up to 16 kHz sampling rate
- On-board memory and battery operation with automated backfill of data
- Data Stream Wizard to speed up clinical workflow when reviewing high sampling data
- Integrated Digital Switch Matrix to facilitate functional brain mapping



### Natus EMU40EX

Ideal for scalp and diagnostic studies with wireless capabilities

- 40 AC channels, 4 DC channels, SpO<sub>2</sub>
- 1 kHz sampling rate
- Bluetooth wireless technology with on-board memory for live monitoring
- Lightweight, patient wearable breakout box



### Natus Brain Monitor\*

Ideal for scalp and diagnostic studies

- Up to 64 referential, up to 12 differential, 16 DC channels
- 4 kHz sampling rate
- On-board impedance check

\*requires NeuroWorks 9.0 or higher



### Cortical Stimulator

Functional brain mapping for brain tumor and epilepsy surgery

- Use as standalone or software controlled
- Provides direct, constant current stimulation to the brain
- User configurable frequency, duration and current levels
- Displays selected and actual current delivered



### Natus Base Unit

Universally compatible with Quantum, EMU40EX and Natus Brain Monitor amplifiers

- Touchscreen display with real time interaction with ongoing studies
- Visual impedance checking and adding notes
- Perform bio-calibrations from the patient bedside
- Trigger input for research
- Includes 12 DC Inputs

## Data Security

Set up individual user or group access and permissions for the system and within the application. Assign separate lock-down rules for different computers on the same network. Access Audit Logs to review user activity on the system. Security is integrated with Microsoft® Active Directory and peace of mind is enhanced with system encryption.



## Natus Neuro Cybersecurity Program

Proactively addressing cybersecurity as an integral part of our design process

- Secure handling of confidential information generated or maintained by our hardware and software
- Continuous evaluation of our products against identified threats and vulnerabilities in medical technology
- Monitoring of feedback channels to manage security events in the field

## EEG Supplies Solutions

Convenient, complete, trusted

Natus Neuro supports the full spectrum of EEG care, providing a complete portfolio of EEG supplies for a seamless solution.

- Dedicated and knowledgeable customer support
- Streamlined order processing
- Convenient online portal (US Customers only)  
Natus Neuro Store – [www.natusneurostore.com](http://www.natusneurostore.com)



## Natus Neuro Support

Excellence in customer service and support is a core value of Natus Neuro.

Essential Support Elements:

- Accessible and effective Technical Support
- Definitive technical documentation and knowledgeable installation teams
- Excellent replacement unit or spare part availability
- Extended warranty and service coverage programs
- Comprehensive, flexible customer training courses



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To learn more about Natus Neuro products,  
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