Our most advanced LTM system in a user friendly package
Natus® NeuroWorks® LTM Solutions

Long-term monitoring solutions
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 and event analysis plus many additional Advanced Trending options
- Physiological Monitoring Integration options
- Fully synchronized, easy to set up, Full HD (1080p) TCP/IP PTZ network cameras
- Powerful qEEG trending
- Data sharing in multi-site environments

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

Time-saving administrator functions
- Automated discovery of amplifiers and cameras using DHCP
- Automated settings synchronization across networked NeuroWorks stations

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

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 in NeuroWorks

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, SpO₂
• 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 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

Supplies
Convenient, complete, trusted
Natus 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 ordering (US Customers only)

Natus support
At Natus, we strive for excellence in customer and technical service.
Here’s how we can help:
- Accessible and effective Technical Support
- Definitive technical documentation and knowledgeable installation teams
- Optional extended warranty and service coverage programs
- Comprehensive, flexible customer training courses

To learn more about Natus products, contact your local distributor or sales representative.
US Customers Call: 1-800-356-0007
International Customers Call: +1-608-829-8500