Solutions for Hospital Services

- Quality patient care
- Reliable information
- Efficient workflow
- Dependable service
Natus Neurology is your partner in advancing patient care. An international leader, we offer a comprehensive line of healthcare equipment and products used for screening, detecting, treating and monitoring common and uncommon neurophysical patient conditions. We work closely with you to improve patient lives.

**Our Natus Brand Promise**

**Trusted Customer-Focused Technology**

Natus Neurology works closely with clients to facilitate connectivity solutions to improve the patient experience. The dedicated service team coordinates with information technology staff to integrate Natus HL7 compatible systems. Data generated by Natus EEG and PSG equipment can transfer from private practice to hospital setting, from desktop to laptop easily, allowing an optimized workflow from acquisition to final report.

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**Long-Term Monitoring**

Built on the expertise of the most widely used and trusted names in neurodiagnostics – Xltek®, Nicolet® and Grass® – Natus Neurology offers reliable electrodiagnostic systems that will help you collect, retrieve and review patients’ neurophysiological data and make critical decisions regarding patient care.

**Natus NeuroWorks®**

Feature rich LTM with proven reliability

- Intuitive user interface allows for simplified process of managing EEG studies
- Cable-free video setup using TCP/IP network cameras
- Software-controlled High-Definition (HD) cameras with secure, remote access to EEG and video monitoring
- Compact, lightweight amplifiers feature interference-free EEG monitoring and review capabilities with exceptional signal quality and performance
- Ensures HIPAA compliance by providing customizable built-in role-based security package and drive encryption
- As a Citrix Ready partner, Natus provides the most powerful infrastructure to facilitate collaboration with offsite colleagues through remote monitoring and review
Nicolet® LTM
A complete LTM solution with reliable hardware and software

- Offers exceptional quality to meet the needs of all providers
- Features an easy-to-use interface
- Provides exceptional video synchronization
- Optimizes patient and workflow management systems
- Ensures high quality patient care through comprehensive acquisition and software review with analysis applications
- Offers fast-sampling wireless amplifier
- Optional cortical stimulation device

Cortical Stimulator
Functional brain mapping for brain tumor and epilepsy surgery

- Interfaces with Nicolet EEG & Natus Quantum equipment
- Provides direct, constant current stimulation to the brain
- Displays selected and actual current delivered
- Ictal Disrupt feature for management of “after discharges”
- Comprehensive, automated report for timely results
- User configurable frequency, duration and current levels

Quantum™ Amplifier
A Quantum Leap in amplifier technology

- Clinical EEG, long-term scalp and intracranial epilepsy monitoring and research
- 256 referential and 16 differential channels
- Dual stream recording for efficient clinical and research workflow
- Sleep study capable with 16 DC channels and pulse oximetry
- Excellent signal quality with up to 16 KHz sampling
- Patient wearable 256 channel amplifier
- Integrated Digital Switch Matrix (DSM) to facilitate functional brain mapping
- Ethernet and USB connectivity
Clinical EEG
Building on years of neurodiagnostic experience by innovators, Xltek, Nicolet and Grass, Natus Neurology’s EEG solutions provide the leading-edge features you want in critical care applications with the intuitive, user-friendly interface you need for productive day-to-day workflow.

Xltek® EEG with NeuroWorks®
Leading-edge features & intuitive, user-friendly interface

- Empowers staff with full customization capabilities to fit any clinical configuration
- Optional video upgrades feature software controlled cameras and HD video with secure access to EEG monitoring
- Integrated HIPAA Security layer with Active Directory integration and drive encryption
- HL7 communication with HIS and Natus DataShare – As a Citrix Ready partner, Natus provides the most powerful infrastructure to facilitate collaboration with offsite colleagues through remote monitoring and review

Nicolet vEEG
Exceptional data quality, streamlined workflow

- Modularity allows for multiple test types to be run from a single system - EEG, PSG and ICU
- Easily manages system connectivity, patient records, clinical data and workflow
- Easy-to-use, high-quality amplifiers
- Advanced software capabilities with user-friendly controls
- Scalable from single system to enterprise network with HIS connectivity via HL7

Grass® Comet-PLUS
Powerful and unique EEG systems

- Lab based and cart based solutions capable of EEG and PSG applications
- Compact design that is rugged, lightweight, and easy to use
- 40 AC channels and 4 DC channels built-in
- Convenient on-board impedance checking, calibrations, and photic control at the amplifier system
- Easily mounted next to a patient bed or attached to a cart for mobile EEG tests

READY
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Ambulatory EEG
Natus Neurology’s trusted line of ambulatory EEG systems allow you to maximize patient care in your practice by providing new services with a single flexible device.

Xltek Trex HD
Ultimate versatility for all your EEG/PSG needs
- Up to 96 hours of best in class HD video, wirelessly synchronized with EEG
- No cables or computer to set up at home — avoid costly patient home visits
- Start and stop video without affecting synchronization
- Lightest ambulatory amplifier in the industry
- Enhanced patient comfort & mobility
- Perfect for both EEG & full featured sleep studies

ICU Brain Monitoring
Patients suffering from brain trauma require close neurologic monitoring and early intervention to prevent secondary injury. Advances in Natus Neurology’s family of brain monitoring systems help clinicians perform more precise, quantifiable neurologic assessments and better track the progress of patients.

Xltek ICU
Putting patient care first
- IP streaming High-Definition (HD) video for reduced cabling and installation time and unsurpassed video quality
- Intuitive touch-screen UI designed specifically for intensive workflow
- Event detection and trending with configurable notifications for remote users (select markets)
- LAN, WAN and web-based monitoring
- HL7 communication with HIS and Natus DataShare — As a Citrix Ready partner, Natus provides the most powerful infrastructure to facilitate collaboration with offsite colleagues through remote monitoring and review

Nicolet Monitor
Efficient, focused brain monitoring from neonates to adults
- Portable and compact with wireless amplifier for increased mobility
- Touch-screen
- Online observation can help the physician identify irreversible brain damage
- Trends quickly identify pathological signals for immediate intervention
- Features aEEG trend and alerts triggered by clinical events provide ICU staff with necessary data
- Customizable protocols for NICU, Neuro ICU, Stroke, Trauma and Cardiovascular ICUs
Intraoperative Monitoring

Natus Neurology’s expertise in the areas of EEG, evoked potentials, and EMG naturally inspired us to be the originator of Intraoperative monitoring. Our unique perspective of these modalities prompted the monitoring required to protect the central and peripheral nervous system during surgical intervention.

**Endeavor™ CR**
Proven Performer in the OR

- Configurable to meet any IOM requirement by providing 4 independently controlled high-level stimulators, 12 stimulator sites and 1 dedicated low-level stimulator
- Capability to store virtually unlimited number of procedure templates
- Review data with different filters and montages with Natus Neurology’s unique signal processing
- Critical data can be captured during procedure with Multiple Data Type software (MDT) that provides a comprehensive set of recording parameters available simultaneously
- Able to withstand demanding OR environments

**Protektor32**
Assurance, Versatility, Protection

- Laptop & cart based configurations
- 16 or 32 channel multimodality monitoring
- 16 high level, 2 low level programmable electrical stimulation outputs
- User-selectable electrode switching
- Multi-tasking monitoring software ensures uninterrupted monitoring throughout the entire surgery

**Natus Neurology Service**
A global service organization here for you

**Natus Neurology 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 and regular customer training courses
Electrodiagnostics: Sleep Diagnostics

Building on years of experience, Natus Neurology’s trusted line of dedicated diagnostic hardware and software allows you to easily monitor sleep patterns with reliable equipment, in accordance with American Academy of Sleep Medicine guidelines.

**Sandman® Software**

Elite by design

Ideal combination of ease, power and customization valued by sleep labs in today’s dynamic environment, suitable for clinical and research facilities, large or small.

![Sandman® Software Image](image1)

**REMbrandt® Software**

The art of sleep

REMbrandt is a sleep monitoring and analysis system for both clinical and research applications, supporting stationary, portable and OCST configurations.

![REMbrandt® Software Image](image2)

**Emblettta® MPR**

The future of sleep recording

Scalable from Level IV to Level I PSG
- Bio-Sensor Auto Start
- Multi-night recording for HST
- LCD Screen for patient set-up, signal quality check & viewing traces

![Emblettta® MPR Image](image3)

**RemLogic™ Software**

The world’s most widely accepted sleep diagnostic software

Embla RemLogic sleep diagnostic software is a dynamic platform that offers the perfect combination of innovation and ease of use. RemLogic is ideal for all study types, ranging from the basic detection of obstructive sleep apnea to more complex studies that require additional EEG and DC channels.

![RemLogic™ Software Image](image4)

**Embla Enterprise™ Software**

Optimize the efficiency of your sleep business

The Enterprise Sleep Business Management System is compatible with any PSG system and is designed to optimize the efficiency of your sleep business through streamlining workflow, providing a single point of data entry, easily compiling useful reports and tracking metrics.

![Embla Enterprise™ Software Image](image5)

**Natus SleepWorks™ Software**

Single solution for EEG and PSG

The Natus SleepWorks application provides a rich feature set for collection and analysis of comprehensive sleep studies. Seamlessly access previously recorded and real-time data remotely via Citrix.

![Natus SleepWorks™ Software Image](image6)
Neurodiagnostic Supplies

Natus Neurology offers a full range of neurodiagnostic accessories and supplies promoting patient comfort. Healthcare professionals count on Natus Neurology to help them deliver exceptional cost-conscious care with reliable results. Our dedicated customer service team provides a streamlined ordering and shipping process to save you time and money.

**EEG, LTM, ICU & IOM Supplies**

Natus Neurology offers a full range of EEG, LTM, IOM & ICU supplies.
- Disposable and reusable EEG cup electrodes
- Disposable adhesive electrodes
- Disposable subdermal needle electrodes
- Electrode caps
- Creams, gels and pastes

**PSG Supplies**

Natus Neurology sleep supplies and accessories deliver unmatched accuracy and are comfortable for the patient and compatible with any polysomnography system.
- Respiratory effort sensors and belts
- Single-patient-use airflow sensors
- Body position, snoring and oximeter sensors
- Cannulas, thermistors and thermocouples
- Cables, jumpers and adapters
- Reusable and disposable electrodes and snap on cables
- Conductive paste, prep gel, prep pads, gauze, tape, elastic velcro straps

To place an order for Natus Neurology Supplies, please contact your supplies representative or call customer service at: 1-800-356-0007

More information:  www.natus.com/supplies
Online ordering:  www.natusneurostore.com