

EEG Innovation at Work

Flexibility: True TCP/IP amplifiers and cameras with DHCP support plug anywhere on the network. Very small, lightweight patient-wearable amplifiers.

HIPAA: XLSecurity role-based HIPAA compliancy package.

Performance: Fully synchronized high-resolution MPEG-4 video and excellent amplifier signal characteristics.

Reliability: Microsoft® SQL Server with distributed database. LED Photic Stimulator eliminates acoustic and electrical interference.

Operating room: Automatic data acquisition restarts when used with Bovie in OR.

Integration: HL7 communication with HIS and Natus DataShare software for easy collaboration.



SOPHISTICATION AND SIMPLICITY IN ONE PACKAGE

The XLTEK family of EEG solutions provides the leading-edge features you want in critical care applications with the intuitive, user-friendly interface you need for productive day-to-day workflow. This unique combination of sophistication and simplicity continues XLTEK's reputation as the innovator you want working alongside you.

Hardware that's Easy to Set-Up

XLTEK EEG systems are designed for quick and convenient hook-up in both private practice and in a busy EEG lab. The amplifier's easy-to-access ports use standard, non-proprietary USB and TCP/IP cables to plug into a network or computer within any clinical environment without the need to rewire existing rooms. This universal connectivity eliminates the frustration of searching for just the right connector, replacing expensive cables and ensures that valuable equipment is used at peak efficiency.

Software controllable TCP/IP high resolution cameras can easily be added to turn your non-video study into a fully synchronized video EEG system.



Our Line of Amplifiers is Comprehensive

From fixed site, portable and ambulatory applications, XLTEK's amplifiers and software solutions provide reliable, interference-free EEG monitoring and review capabilities that save staff time and maximize productivity by automating frequent tasks like pruning and archiving studies and running study protocols.

The lightweight Brain Monitor and EEG32U amplifiers are feature-rich, providing all the resources you need for a variety of uses. They are ideal for an EEG lab, private practice, ICU or operating room (OR). The Brain Monitor was specifically designed to restart EEG recording when Bovie is being used in OR. The patient is comfortable with the amplifiers' compact size and light weight while clinical users enjoy full functionality such as an onboard impedance check, integrated pulse oximeter and up to 1KHz sampling frequency.



Ambulatory workflow is extremely efficient, too. The small, lightweight, multi-purpose Trex HD ambulatory recorder enables you to capture up to 96 hours of EEG data on standard AA batteries in the patient's home or in the office for routine EEG and Sleep studies. Its amazingly fast upload protocol transfers 24 hours of data from flash memory to your computer in less than five minutes - an enormous time-saver for a busy environment.

You can now add High-Definition video to your ambulatory EEG recordings using one of the most patient-friendly and reliable workflows in the industry. This unique system offers a simplified operation that any patient or caregiver can set up at home, with no interaction with the software and virtually no cables. Record up to 48 hours of quality video fully synchronized with EEG, allowing you to make more informed decisions while reaping the benefits of at-home monitoring.

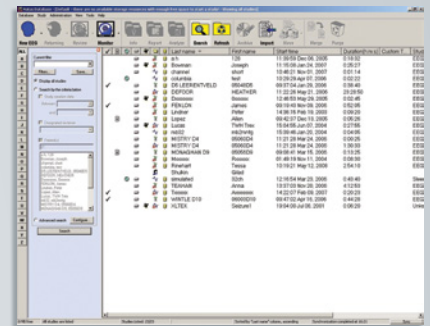
Software Smart Enough to Let You Focus on the Patient

Natus NeuroWorks™ software uses a robust and flexible SQL Server database. You'll appreciate the enterprise-level strengths of the database which ensure reliability and easy collaboration between multiple users while also empowering you with full customization capabilities to fit any clinical configuration.

You'll enjoy the flexibility of secured, remote access to EEG and video monitoring and review, from your remote office or home. It's not only convenient, but also facilitates second opinion consultations and the use of remote resources when desired.

NeuroWorks simplifies the process of running, analyzing, reporting on and managing an EEG study with an intuitive user interface.

Now you can easily collect, retrieve and review neurological data while keeping your eye on the patient and making well-informed decisions about diagnosis and treatment. Built-in productivity tools automatically mark and instantly prune data based on powerful Spike & Event detection algorithms, facilitating efficient study review. It's a preeminent solution for a fast-changing, data-rich lab or patient care site.





Data Security

Setup 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.

A High-Performance System with High-Performance Support

Standing behind every XLTEK product is Natus Medical Incorporated, an internationally respected innovator of medical products and services (Nasdaq: BABY).

Our EEG systems are backed by the largest clinical and technical field support network in the Neuro/Sleep industry. Our in-house support team is staffed with dedicated Technical Service Representatives, Field Service Representatives, as well as a dedicated installation team, Project Managers, and Clinical Education team. We provide 24/7 support for LTM, EEG and Sleep Diagnostics, offering the convenience of remote support via WebEx or VPN. Choose from a wide range of extended service contracts to meet your needs, covering software upgrades, preventative maintenance Field Service visits and planned periodic equipment replacement, protecting you against any technological obsolescence.

No one supports you better than Natus.



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