

*The Comprehensive
Solution for
LTM Monitoring*

Safety: Constant EEG monitoring even when patient is not connected to acquisition station.

Flexibility: True TCP/IP amplifiers and High-Definition cameras with DHCP support that plug in anywhere on your network.

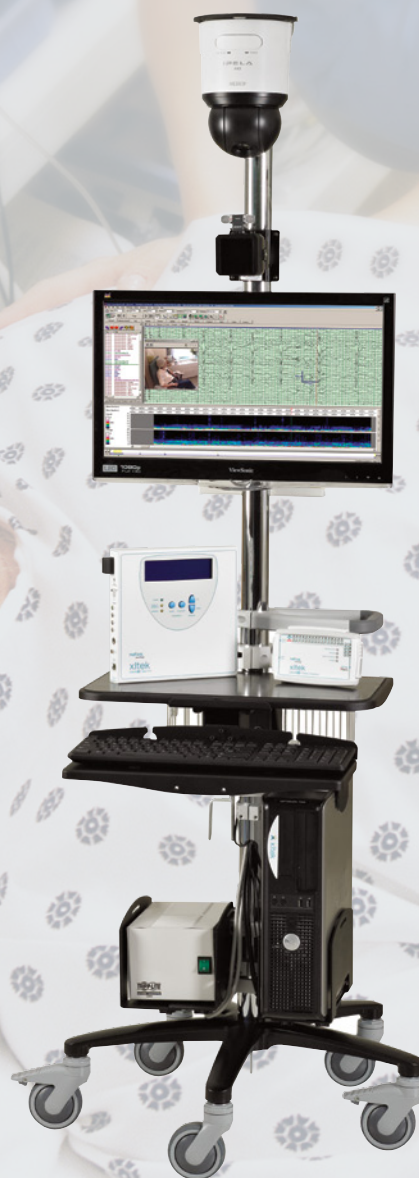
HIPAA: XLSecurity role-based HIPAA compliance package.

Reliability: Microsoft® SQL Server with distributed database support.

Integration: Citrix support for remote users and HL7 integration into HIS.

Performance: Up to 2KHz signal sampling frequency with synchronized High-Definition video. Integrated Spike & Event detection and trending.

*Now with
High-Definition Video &
Integrated Stellate GridView™*



AN EASY-TO-USE, STATE-OF-THE-ART SYSTEM FOR LONG-TERM EEG MONITORING

Neurosurgeons, neurologists and nurses know they can rely on XLTEK equipment for continuous video EEG monitoring. This foundation of quality extends into our next-generation, computer-assisted LTM solution.

Continual Monitoring Even When the Patient Unplugs

BIG CAPABILITIES COME IN SMALL PACKAGES

IXLTEK presents a range of advanced amplifiers perfectly suited to meet your needs: from routine EEG applications and long-term epilepsy monitoring to intracranial studies. Despite their advanced features, the amplifiers are compact and lightweight, making them very comfortable for the patient to wear.



Signal is processed and digitized inside the amplifier to ensure superior quality with ultra low noise. Research users will appreciate fast amplifier sampling and the ability to receive a secondary data stream in real time. In conjunction with the powerful Natus NeuroWorks™ software, XLTEK's LTM systems equip you with a smart and versatile solution for epilepsy monitoring while enhancing patient comfort and freedom.

PHYSICAL BARRIERS ARE NO BARRIER TO THIS SYSTEM

It's easy to implement patient neurological monitoring just by plugging the XLTEK EMU40EX, XLTEK Brain Monitor or NeuroLink IP into any network port. The same is true for TCP/IP streaming High-Definition cameras that allow turning any room into a video EEG unit by utilizing the hospital's existing network. A wide range of configuration options includes wall- and ceiling-mounted dual video systems and some of the most compact portable carts in the industry.

Sophisticated NeuroWorks software provides continuous monitoring of a patient's status, trends and patient event alarms, reporting it to an unlimited number of monitoring stations on the network.



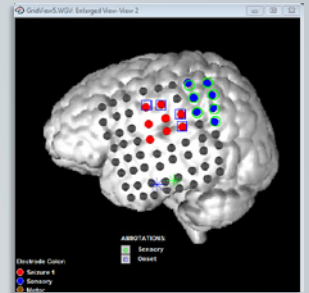


THE DATA STAYS SECURE

The compact XLTEK EMU40EX breakout box with built-in wireless capability allows video EEG monitoring even when the patient disconnects from the main unit for daily care routines. And extended range wireless connectivity doesn't sacrifice data quality with its 1 KHz sampling frequency. EEG data is recorded on flash memory in the wearable unit and uploaded when the patient plugs back in, guaranteeing no data is lost or compromised. Privacy compliance is assured through an XLSecurity layer that provides role-based access and records all data retrieval of sensitive patient information as required by federal HIPAA regulations.

SMART SOFTWARE FACILITATES INSIGHTFUL DECISIONS

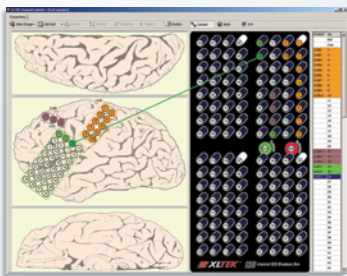
NeuroWorks software simplifies the process of acquiring, analyzing, reviewing and managing studies with an intuitive user interface and integration of innovative



Persyst Magic Marker™ software. Built-in productivity tools automatically mark and instantly prune data based on powerful Spike & Event detection algorithms, facilitating efficient study review.

FINDINGS ARE MORE EASILY IDENTIFIED THROUGH EASY COLLABORATION

NeuroWorks' built-in remote monitoring and review simplify consultations with users through the hospital network or over the internet. Integrated MS SQL Server, Citrix and Natus Datashare provide a range of collaboration options to suit your needs.



INNOVATION IS IN OUR SYSTEM

Errors from the manual placement of stimulation electrodes are eliminated by the combination of the XLTEK EMU128FS amplifier and

NeuroWorks' switch control software. The integrated Digital Switch Matrix (DSM) circuitry and Channel Labeler software record a visual representation of the patient's grid and synchronize stimulation results with the study record. The EMU128FS built-in saturation recovery circuitry eliminates stimulation artifact in less than one second so you can identify important physiological data.

Integration of the unique Stellate GridView™ drastically simplifies correlating EEG patterns with electrodes on a 3D MRI / CT images providing intuitive visualization and annotation of intracranial recordings.

Safety, Flexibility and Wireless Convenience in One LTM Solution





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 LTM 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 and Field Service Representatives, as well as dedicated installation Project Managers and Clinical Educators. 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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