



Sleep Medicine Catalog

Request a Demo



About us

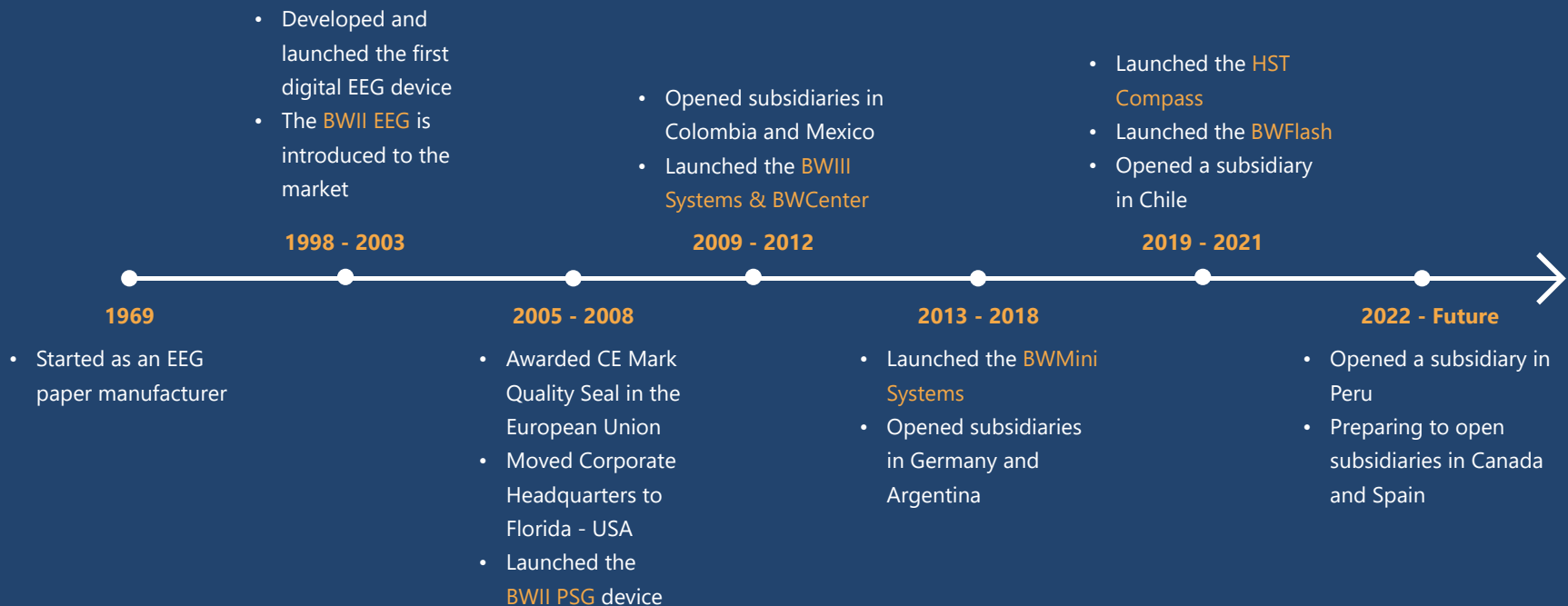
Since 1969, we have worked tirelessly to deliver the best available products and customer experience. Today, we specialize in offering innovative solutions for diagnostics in Neurology and Sleep Medicine. We operate on a global level in the manufacturing, marketing, and distribution of equipment and supplies, offering the best return on your capital investment, with a people-centric approach in everything we do.



Neurovirtual Headquarters - Fort Lauderdale, FL

History

Our past at a glance:



Customer Service

At Neurovirtual, we provide 24/7 technical support with a human being on the other side. We understand your time is better spent helping your patients instead of dealing with queues and automated answering machines.



ALL DAY, EVERYDAY

We are the ONLY company that offers technical support 24 hours a day, 7 days a week, 365 days a year



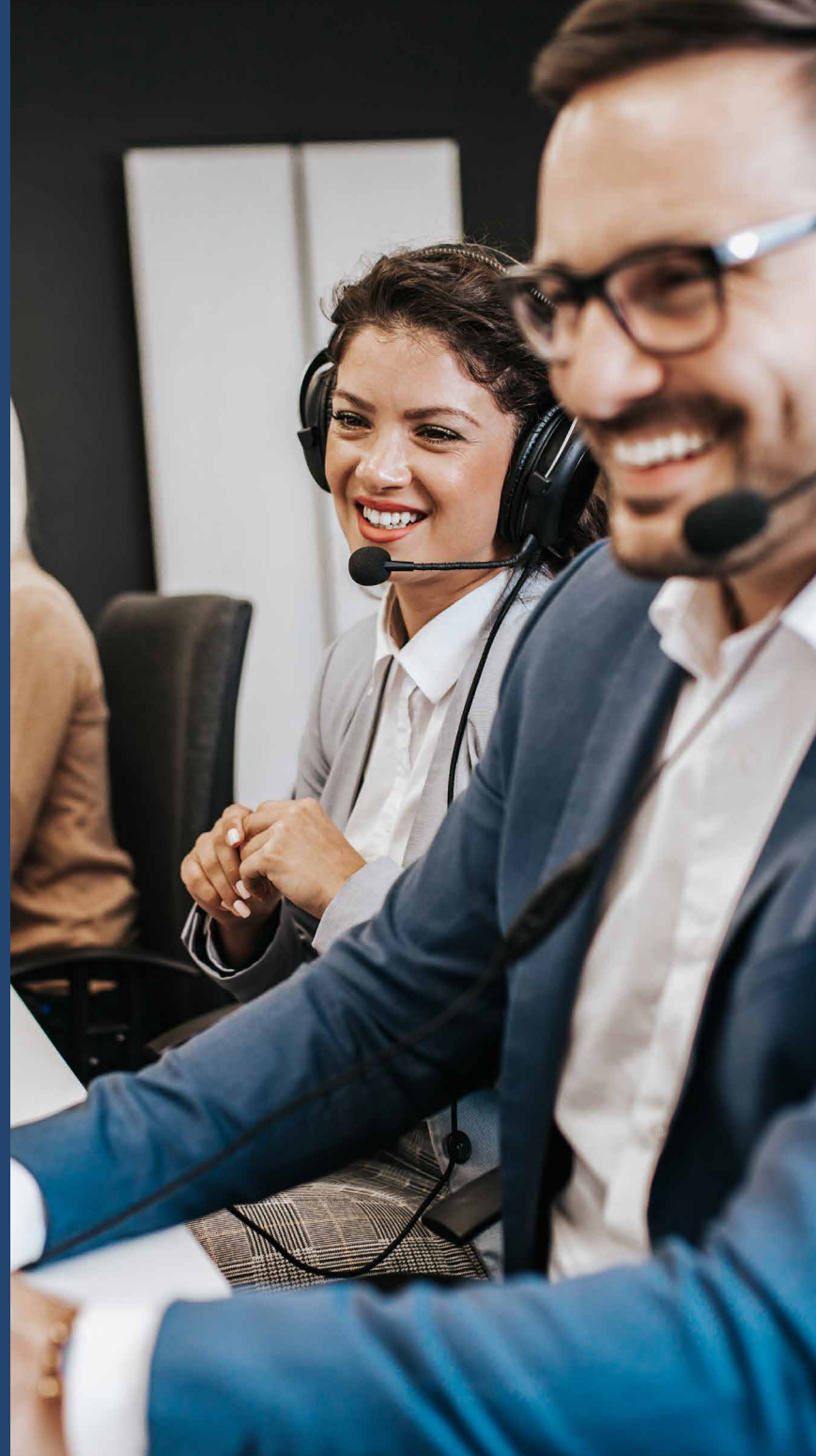
EFFICIENCY

98% of all issues are solved on the first call with Neurovirtual Support Line



REAL EXPERTS

100% of our customer service specialists are engineers with 5 + years of training and education



Key Customers



United States



The Ohio State University
BWIII PSG Plus



University of Wisconsin-Madison
BWIII PSG Plus



Cincinnati Children's Hospital
Medical Center - **BWIII PSG Plus**



Children's Mercy Kansas City
BWIII PSG Plus



Cleveland Clinic Florida
BWIII PSG Plus

Mexico



INNN - Instituto Nacional de
Neurología y Neurocirugía
BWIII PSG Plus



INER - Instituto Nacional de
Enfermedades Respiratorias
BWIII PSG



UNAM - Universidad Nacional
Autónoma de México
BWIII PSG Plus



ABC Medical Center
BWIII EEG/LTM/ICU

Canada



Queen's University Kingston
BWIII PSG Plus



Peterborough Regional
BWIII EEG Plus

Colombia



Fundación Neumológica
Colombiana - **BWIII PSG Plus**
& **BWMini**



Fundación Santa Fé de
Bogotá - **BWIII EEG/LTM/ICU**



Clínica de las Américas
BWIII EEG/LTM/ICU

Brazil



ICr- Instituto da Criança
HCFMUSP - **BWIII PSG Plus &**
BWIII EEG Plus ICU/LTM



HC Ribeirão Preto
BWIII PSG Plus &
BWIII EEG Plus ICU/LTM

Argentina



Universidad Austral
BWIII EEG/PSG Plus



Hospital Italiano de Buenos Aires
BWIII PSG Plus & BWMini HST



Hospital Alemán
BWIII EEG & BWMini EEG

Chile



Pontificia Universidad
Católica de Chile
BWIII EEG Plus ICU/LTM



Clinica Davila
BWMini EEG / BWIII PSG Plus

Germany



Charité Universitätsmedizin
Berlin - **BWIII PSG Plus**

BWAnalysis

Neurovirtual employs a dedicated team of in-house software developers and engineers, whose primary goal is to continually improve our user platform to better suit your needs. Part of our people-first approach includes a package of software customization with every new order, ensuring our software suite is the most intuitive and user-friendly package available.

Intuitive and Flexible PSG software:

- AASM guideline compliant PSG software
- Full EEG add-on capabilities for routine EEG, LTM, ICU monitoring
- Inter-scorer reliability is built into software and allows users to compare scored data to a golden scorer to improve their scoring ability

Fully Customizable Software:

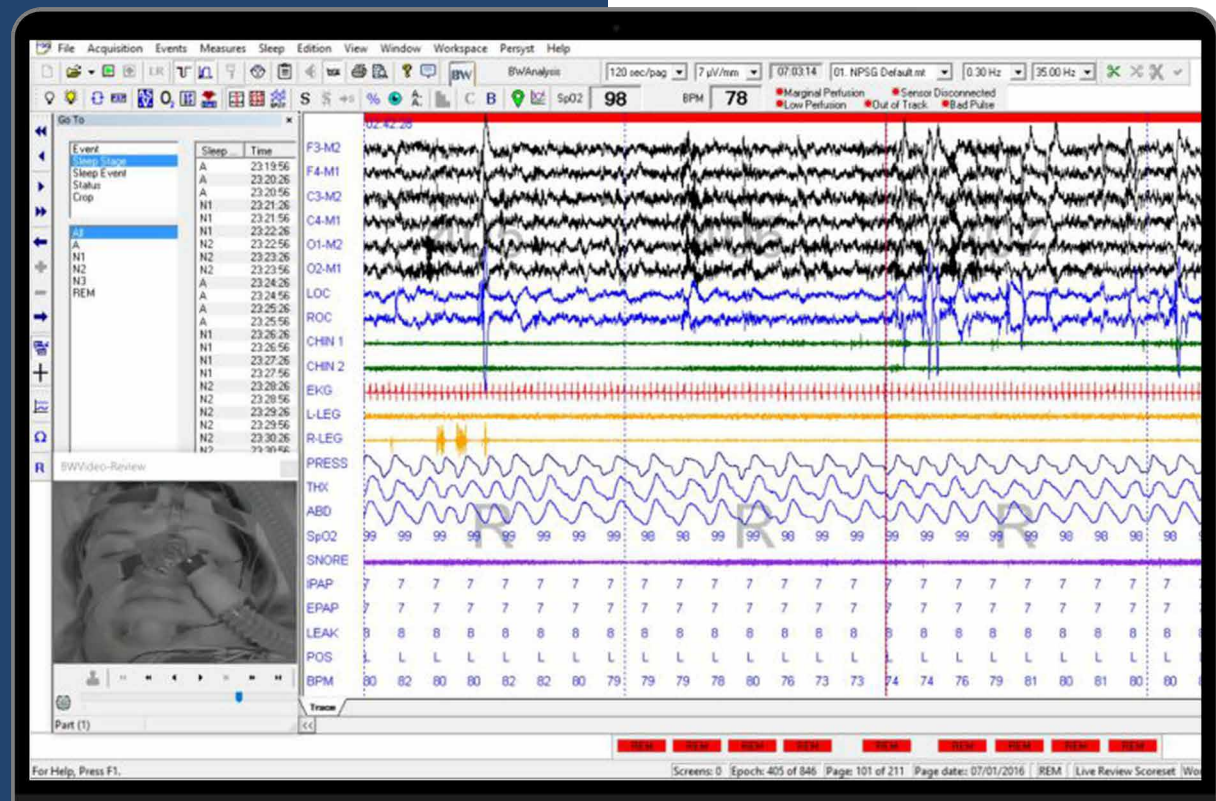
- Custom Workspace allows users to create custom workspaces configured to meet their needs and preferences
- Custom Report Template generation via Microsoft Word®
- Custom Sleep stages for infant/pediatric staging and / or research
- Custom Sleep events for Obstructive / Central Hypopnea, Simultaneous 1A / 1B Hypopnea Scoring, and / or research

HD Video Synchronization

- Live Review Video Monitoring allows users to review while recording
- Dual-Video Monitoring allows users to configure two video cameras in order to be able to capture close and wide angles of the patient during video-monitoring

Windows 10® & 11 Compatible Software:

- Supports Desktop, Laptop, or Tablet PC
- Unlimited Software Update and Reader Station Licenses which allow users to upgrade and install the software free of charge



BWCenter & HL7

Microsoft® SQL-based BWCenter patient database software delivers integrated solutions for enterprise environment, and offers seamless integration with healthcare information systems via HL7. BWCenter is a powerful tool to manage studies and allows users to easily organize, find and report patient files. Filter study by date, status, diagnosis, or use any built-in customizable field to create custom filters for your unique needs including reporting clinical data information for research.

BWCenter Patient Database Features:

- Ability to backup, archive, relocate, and manage patient data from an intuitive data management tool
- Enhanced login security and permission group options allow administrators the flexibility of applying specific user account permission to different staff members

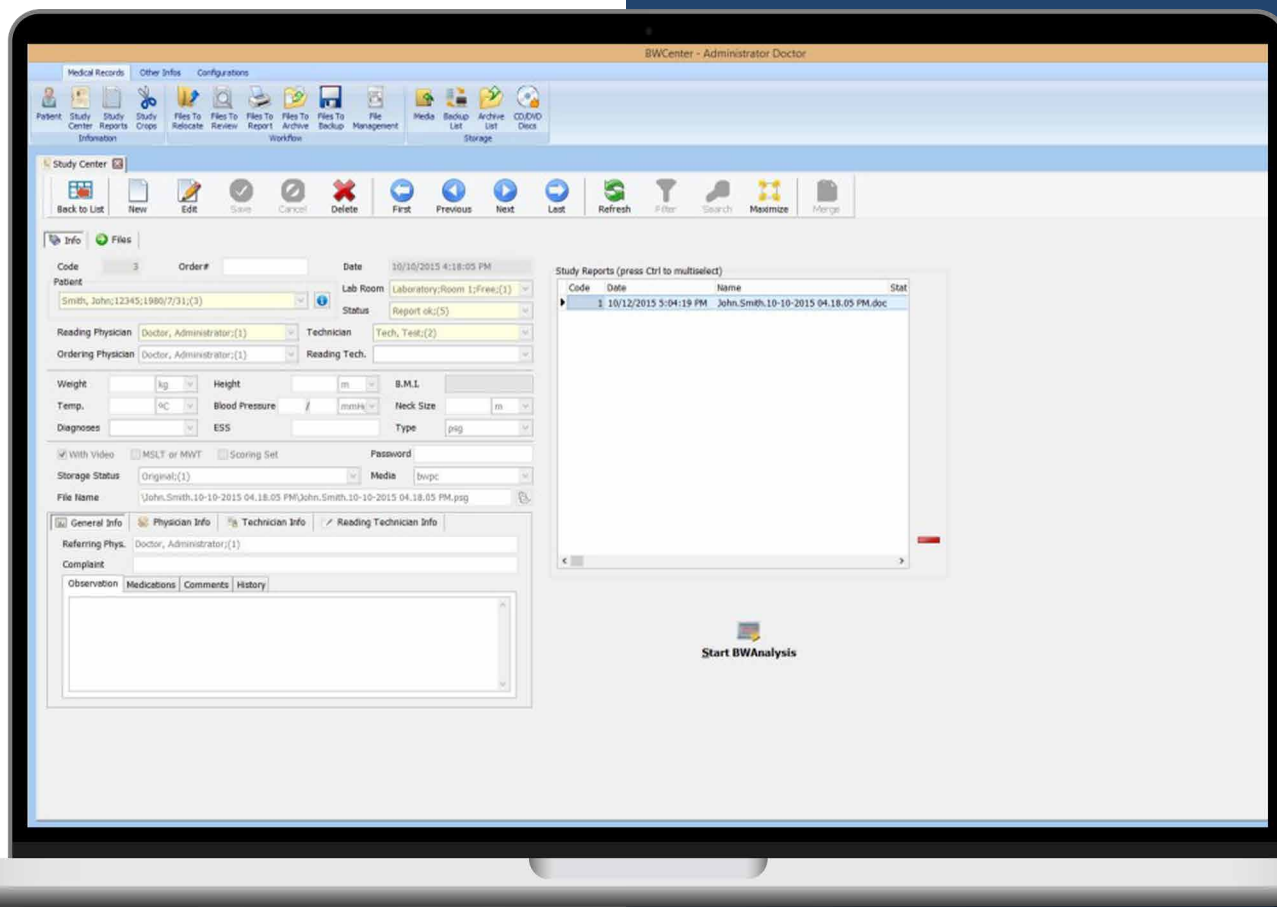
BWCenter/Hospital EMR HL7 Integration Features:

- HL7 Bi-Directional interface allows integration between BWCenter and Hospital EMR Platforms
- ADT Patient Demographic information and Order Messages (ORM) can be exchanged from Hospital EMR to BWcenter automatically via HL7

- Report messages can be transmitted directly back to EMR via embedded PDF, link, or direct file transfer

Remote Scoring/Review Access:

- Studies can be accessed by an authorized user from any computer or tablet to score/review the PSG data, even during the live recording
- Software supports Windows RDP, Citrix, and many third-party remote desktop applications



BWIII PSG Plus

- Full Routine PSG and EEG functionally which allows users to perform both clinical PSG and EEG from the same hardware and software platform
- Hardware is lightweight and portable, it can be transported from one location to another seamlessly via carrying case or permanently installed in a sleep lab environment
- Dual electrode/sleep sensor inputs on the head box and amplifier provide sleep techs flexibility
- Built-in bedside Impedance Check directly from the amplifier allows techs to verify the impedance status without having to leave the patient's side
- 8 Built-in DC channels directly from the amplifier allow integration of auxiliary devices (CPAP/Capnography)
- Can expand to a total of 16 DC channels via an extended DC module
- Built-in Pressure Transducer on both head box and amplifier
- Built-in Nonin Pulse Oximeter Module



BWIII PSG

- AASM Complaint Type 1 PSG system (AASM Staging Criteria)
- PSG specific headbox with intuitive sleep related sensor connection indicators
- Hardware is lightweight and portable. Perfect for mobile or stationary PSG solutions
- Non-proprietary connectors/cables
- Allows techs to verify the impedance status without having to leave patient's side
- 8 Built-in DC channels directly on the amplifier allow integration of auxiliary devices (CPAP/Capnography)
- Can expand to a total of 16 DC channels via extended DC module
- Built-in Nonin Pulse Oximeter Module in the Amplifier



BWMini HST/ PSG

- Amplifier Designed for Type 3, 2, and 1 HST or in-lab studies (27 HST, 42 PSG Channels)
- BWMini PSG model allow Ambulatory EEG
- Hardware is lightweight and portable
- Perfect for HST or in-lab PSG
- LCD screen displays time, study status, and battery level
- Up to 72 hours of recording
- Non-proprietary sleep sensor, connectors/cables
- BWAnalysis Software suite
- Synchronized high-quality video (optional)
- 3 Built-in DC channels directly on the amplifier allow integration of auxiliary devices (CPAP/Capnography)
- Built-in Nonin xPod Pulse Oximeter Module



BWMMini HST



BWMMini PSG

HST Compass

- The HST Compass is a polysomnography type 3 device intended to perform HST studies. The device contains 2x AC bipolar channels, pressure transducer, 2 integrated RIP interfaces, Oximeter, integrated body position, and 3 DC channels. All of these resources are embedded into a single module that will comfortably fit on the patient's chest
- Micro SD Card with capability of recording multiples studies
- Powered by a single AA battery
- LCD Screen displays calibration signals, battery, and study status
- Built in alarm system via LCD if any sensor disconnects during HST study



Specifications

| |  |  |  |  |
|---------------------|---|--|---|---|
| Specifications | BWIII PSG Plus | BWIII PSG | BWMini HST/PSG | HST Compass |
| Studies Performed | PSG Type I and EEG (Full 10/20) | PSG Type I | PSG Type I and II | PSG Type III |
| Total Channels | 50 Channels | 37 Channels | 27 (HST) 42 (PSG) | 13 Channels |
| DC Channels | 08 DCX (up to 16 DCX) | 08 DCX | 03 DCX | 03 DCX |
| Communication | Ethernet | Ethernet | USB | USB |
| Photic Stimulator | Programmable 0Hz to 60Hz | 0Hz to 60Hz | Optional (0-60Hz) | N/A |
| Impedance Check | Amplifier and Software | Amplifier and Software | Software | Amplifier and Software |
| Low Filters | 0.01Hz to 15Hz | 0.01Hz to 15Hz | 0.01Hz to 15Hz | 0.01Hz to 15Hz |
| High Filters | 1Hz to 100Hz | 1Hz to 100Hz | 1Hz to 100Hz | 1Hz to 100Hz |
| A/D Resolution | 16 Bits | 16 Bits | 16 Bits | 16 Bits |
| Sampling Rate | 2000 Hz | 2000 Hz | 2000 Hz | 2000 Hz |
| Storage Rate | 500Hz | 500Hz | 300Hz | 300Hz |
| Pressure Transducer | Two Integrated (Headbox and Amplifier) | Two Integrated (Headbox and Amplifier) | Integrated | Integrated |
| Oximeter Nonin | Integrated | Integrated | Module xPod | Module xPod |



Neurovirtual Corporation

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