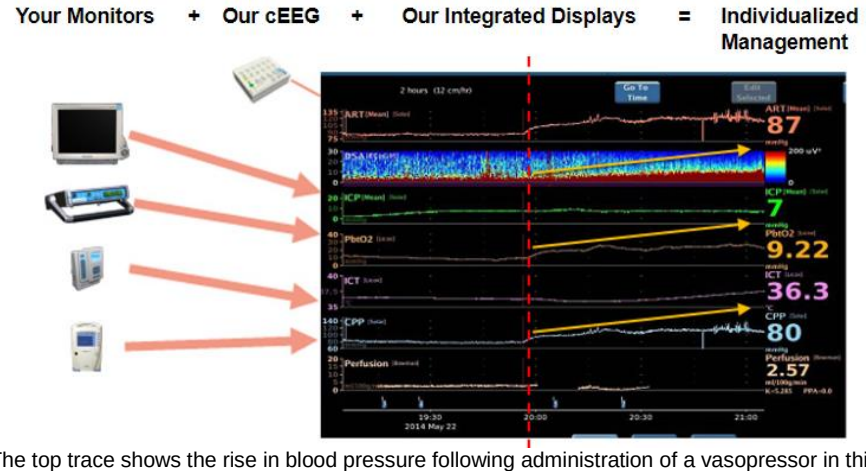
MOBERG ICU Solutions

Component Neuromonitoring System (CNS)

CNS for Clinical Use

Unlock the potential of true multimodal monitoring

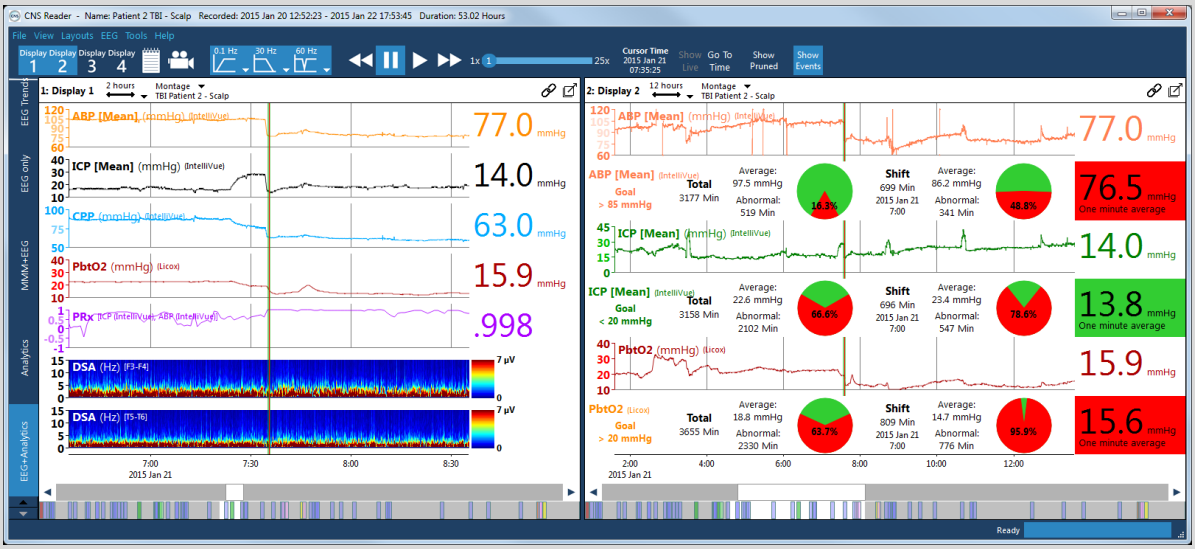
The CNS directly integrates high-quality EEG with data from external devices used in neurocritical care.
It is the only FDA-cleared solution for the collection, time-synchronization, and display of multimodal monitoring data, including EEG waveforms and trends.
Support bedside and remote patient management with the only tool for individualizing patient care.



The top trace shows the rise in blood pressure following administration of a vasopressor in this TBI patient. The additional data provided by the CNS Monitor shows an increase in the brain oxygen and CPP as well as a change in the EEG pattern due to the vasopressor.

Courtesy of Eric S. Rosenthal, MD; Massachusetts General Hospital, Department of Neurology. Used with permission.

- Reveal complex changes in intracranial dynamics
- View integrated displays at the bedside with the CNS Monitor for immediate intervention
- Review and analyze true multimodal data remotely through the CNS Reader application
- Guide decisions about individualized patient management
- Support nursing needs through customized protocols and displays



CNS Reader application for remote review and advanced analytics.

Courtesy of Brandon Foreman, MD; University of Cincinnati. Used with permission. Educational purposes only.

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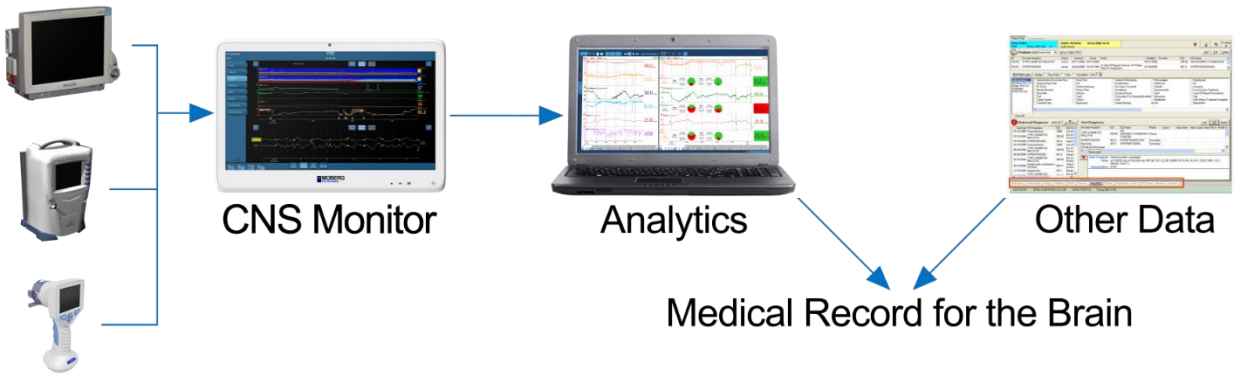
CNS for Research Use

Support your clinical studies by effortlessly collecting data from multiple devices and creating the highly curated datasets you need for advanced analysis.



Moberg ICU Solutions has proudly partnered with numerous clinical studies as the provider of a comprehensive solution for high-resolution data collection in neurocritical care. Our flexible platform and continuous innovation offer unique support for your data collection needs.

Example of studies that have partnered with us:

- *Transforming Research and Clinical Knowledge in TBI (TRACK-TBI)*
- *Collaborative European NeuroTrauma Effectiveness Research in TBI (CENTER-TBI)*
- *Brain Tissue Oxygen Monitoring in Traumatic Brain Injury (BOOST 2)*
- *Brain Tissue Oxygen Monitoring in Traumatic Brain Injury (BOOST 3)* - Upcoming
- *Development and Validation of Spreading Depolarization Monitoring for TBI Management (SDII)*
- *Whole-Body Cooling for Birth Asphyxia in Term Infants*

- Our state-of-the-art solution collects and time-synchronizes data from over 20 medical devices used in neurocritical care
- Data can be read and analyzed remotely during monitoring, archived, and incorporated in a comprehensive database
- Collected data can be exported to third-party applications (e.g. Matlab, Excel, IBM Streams) for custom analyses

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