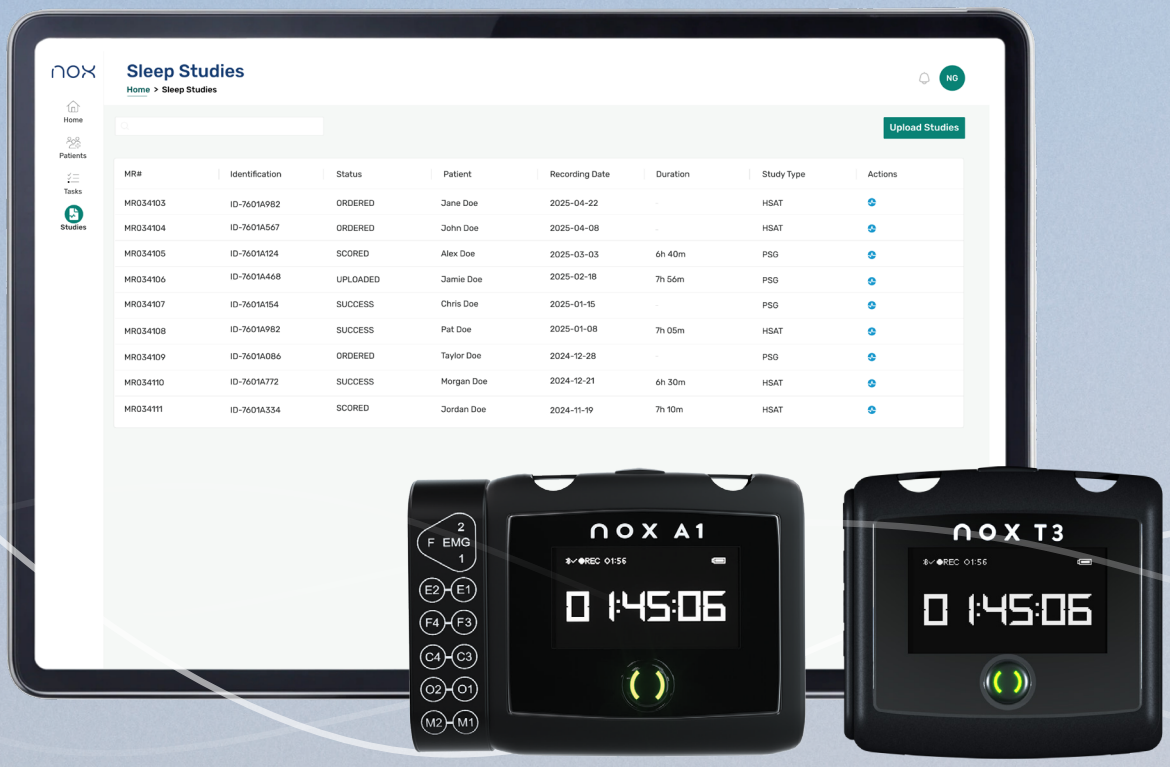
nox MEDICAL

Nox Connect™

Connected Teams. Intelligent Insights.



Cloud connectivity and clinical insights for Nox diagnostic solutions

noxmedical.com

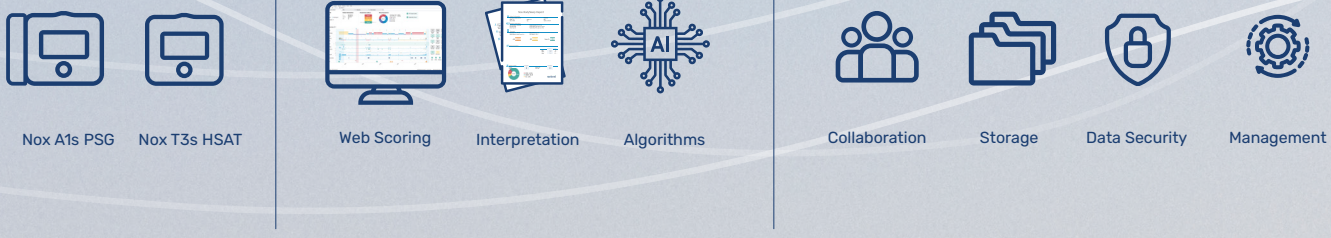
nox CONNECT

Unified Platform. Shared Data. Sharper Insights.

Nox Connect is a unified, cloud-based platform that streamlines the entire sleep diagnostics workflow—from patient management and testing to AI-assisted scoring and interpretation. Built for modern sleep labs, it helps reduce scoring time, increase staff productivity, and optimize workflows—ultimately lowering operational costs while enabling secure, real-time access to connected data.

Nox Connect platform highlights:

- **Centralized data management** with industry-leading security standards
- **Connected teams and workflows** for operational efficiency
- **AI-assisted scoring and insights** that elevate clinical accuracy
- **Web-based scoring and interpretation** enables real-time access to data and supports collaboration
- **Cloud infrastructure** that simplifies scaling and reduces IT friction



Artificial Intelligence That Drives Clinical Confidence

Smarter Scoring. Deeper Insights. Better Outcomes.

With Nox Connect, scoring can be fully cloud-based with Noxturnal Web™*, accessible anywhere and built for real-time collaboration between sleep technologists and physicians. Layer on AI-powered tools, and you unlock deeper diagnostic insights and greater confidence in interpretation.

- Support clinical decision-making with FDA-cleared AI tools, including Nox BodySleep™, OSA Endotyping, Hypoxic Burden, and Ventilatory Burden—for deeper, data-driven insights
- Enable timely scoring and review of completed studies—whether working on-site or remotely
- Reduce scoring time with AI-assisted automated analysis
- Improve team's inter-scorer reliability with standardized scoring protocols

Nox BodySleep™

Enables accurate sleep staging and arousal detection using respiratory data—no EEG required, offering critical insights often lacking in standard HSAT to support more conclusive interpretation across diverse populations, including women, younger, and non-obese patients.

Ventilatory Burden

Measures actual airflow reduction—not delayed effects like desaturation—providing reliable, unbiased insight into disease severity. Using Nox RIP flow data, it reflects true physiological burden and is independently predictive of cardiovascular and all-cause mortality[1,2].

OSA Endotypes

Uses cannula and Nox RIP flow data to identify key OSA endotypes traits like loop gain, airway collapsibility, muscle compensation, and arousal threshold—that explain why a patient has sleep apnea, not just how much. Research on endotypes offer a promising path to help match patients to therapies most likely to be effective—whether that's CPAP, medication, or emerging therapies targeting specific traits[3].

Hypoxic Burden

By combining depth and length of oxygen desaturation events, it reflects the impact of breathing disruptions and provides a strong prediction of CVD mortality across populations[4]—helping clinicians better assess risk and guide treatment.

*Noxturnal Web is a medical device cleared for clinical use by the FDA.

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[1] Parekh et al. Am J Respir Crit Care Med 208, 1216–1226 (2023). DOI: 10.1164/rccm.202301-01090C

[2] Lechat & Eckert. Am J Respir Crit Care Med 208, 1153–1155 (2023). DOI: 10.1164/rccm.202310-1718E

[3] Finnsson et al. Front Sleep 2, 1188052 (2023). DOI: 10.3389/frsle.2023.1188052

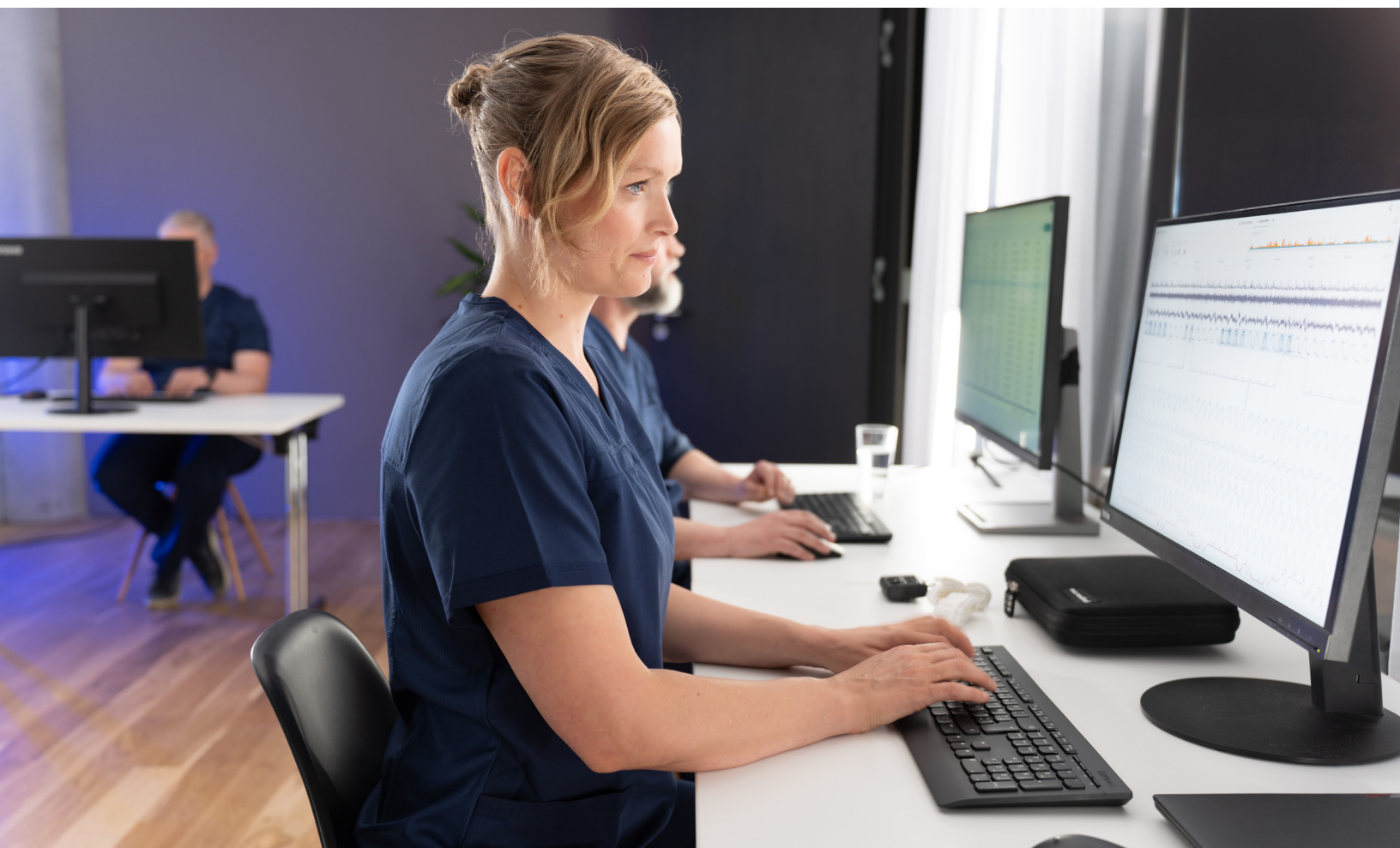
[4] Azarbarzin et al. Eur Heart J 40, 1149–1157 (2019). DOI: 10.1093/eurheartj/ehy624

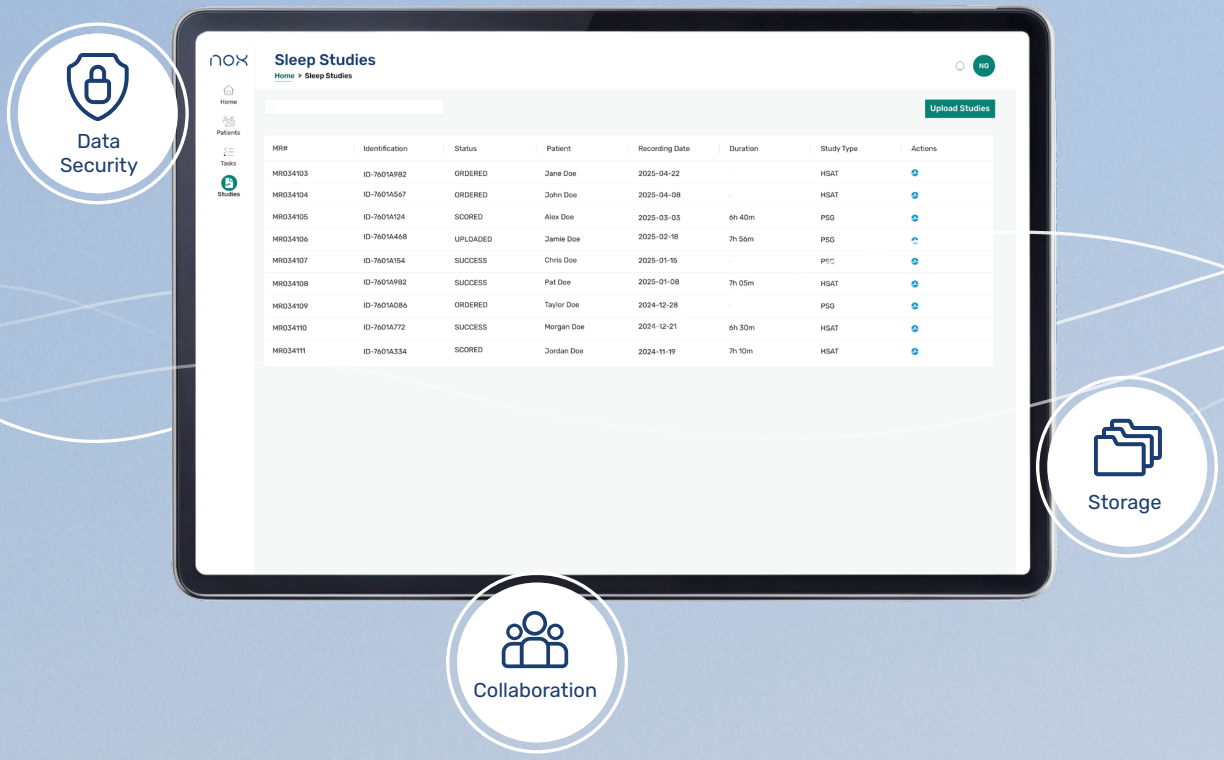
Connected Teams and Seamless Workflows

Role-Based Tasks. Real-Time Access.

Nox Connect brings your team, tools, and data together in one secure, collaborative environment—reducing operational costs by streamlining sleep diagnostics across the entire care pathway. Whether you're conducting in-lab PSG or remote HSAT, every member of your team can securely access patient data, study recordings, and assigned tasks, without delays or system fragmentation.

- Connects your Nox devices, patient data, and study workflows in one unified platform
- Assign, claim, and track tasks with full visibility across the workflow
- Customizable role-based permissions ensure the right access for every user
- Sleep technologists, physicians, and admin staff can work in sync, even remotely
- Improves lab efficiency, reduces turnaround times, and cuts administrative costs





Enhanced Operations and Secure Data

Secure. Compliant. Centralized Access.

We understand the importance of data security in your sleep lab. That's why Nox Connect is built on a foundation of trust, privacy, and security. Your sleep lab runs on data. Nox Connect ensures it's always accessible, always secure.

- Access is restricted to authorized users only
- Utilizes robust data encryption to safeguard sensitive patient information
- Securely collaborate on scoring and share finalized reports with referring physicians
- Eliminates the need for local servers

Built to Scale and Ready for What's Next.

Scale Smarter. Operate Simpler.

As your sleep lab evolves—expanding services, onboarding new team members, or growing patient volume—Nox Connect is built to scale with you. Its cloud-native, modular architecture enables your team to scale effortlessly, even when resources are tight, without added complexity or IT overhead.

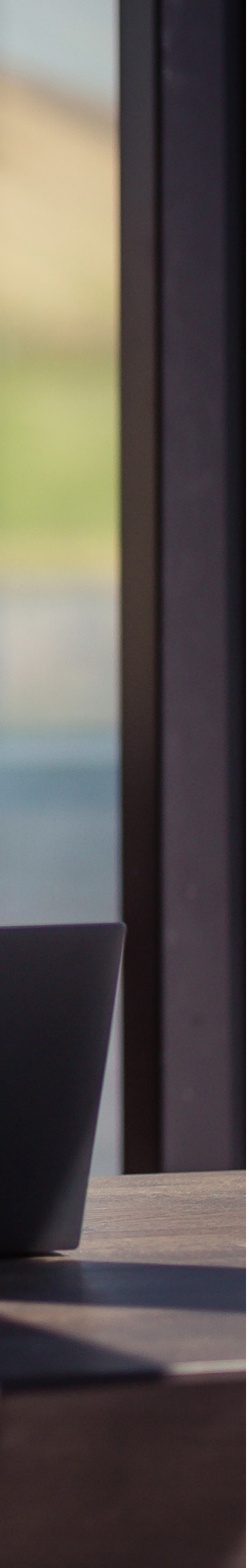
One of the most impactful ways to scale through Nox Connect is by activating the Nox Home Sleep Testing Service, a fully integrated solution that expands your diagnostic reach while easing operational demands.

Nox Home Sleep Testing Service

- Fully managed HST logistics, powered by the precision of the Nox T3s and AI-assisted scoring
- Offload scheduling, device delivery, and patient support
- Expand services and manage more patients without adding strain to your team
- Predictable, volume-based pricing enables scalable growth without financial uncertainty
- Eliminates administrative burden so you can focus on care—not coordination

Get Started with Nox Connect

Scan the QR code to schedule a demo
Discover how our cloud-based sleep diagnostics platform can streamline workflows, improve collaboration, and scale effortlessly with your practice.



Technical Specifications & Integrations

Looking for system requirements, compliance standards, or integration details?

Visit: **noxmedical.com/technical-specifications-noxconnect**

Learn More

Explore features, AI tools, and service options at **noxmedical.com/noxconnect**

Contact Us

United States Office
100 Kimball Place, Suite 100
Alpharetta, GA 30009
United States
844-4SLEEP6
844-475-3376

Canada Office
1010 Polytek Street, Unit 13B
Ottawa, Ontario
Canada K1J9H9
249-50SLEEP
249-507-5337

Manufactured by: Nox Medical ehf. / Katrínartún 2 / 105 Reykjavík / Iceland / +354 570 7170

info@noxmedical.com
noxmedical.com

The Nox Connect is not a medical device. It serves as an interface with Nox Medical devices that meet the necessary regulatory requirements for legal sale in applicable jurisdictions.

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