

Software Update

Release of Noxturnal 7.4

At Nox Medical, we are committed to continuous innovation and system reliability. **Noxturnal 7.4** introduces ventilatory burden reporting and an enhanced calibrated RIP-derived flow signal. Alongside these additions, the release expands reporting options, supports preparation for PSG and SAS workflows through Nox Connect, and includes targeted workflow and stability improvements.

Downloading the Software

Included in the Noxturnal 7.4 release:

Download Noxturnal 7.4

https://noxmedical.com/downloads/

Noxturnal 7.4 Release Bulletin

https://noxmedical.com/release-bulletin-hub/

Visit the Release Bulletin Hub for full details on features, fixes, compatibility and installation instructions.

Upgrade Guidance

Please review the Release Bulletin before upgrading. Upgrade procedures vary by software version and market. Users of Noxturnal 3.x and 4.x are advised to perform a fresh installation and setup.

Informational Outputs:

Ventilatory burden is supplementary informational output for evaluation only and are not intended for clinical decision-making. It does not replace or change the clinical use of established respiratory signals and parameters.

Main updates include:

- **Ventilatory burden reporting:** Add a parameter summarizing the depth, duration and frequency of event-related reductions in ventilation to your parameter overview and customized reports.
- **Nox Flow and Minute Ventilation:** Access the enhanced RIP-derived flow signal under Signals & Data, together with a new Minute Ventilation signal expressed relative to normal breathing (% eupnea).
- **Expanded MSLT reporting:** Include average REM latency across naps and the number of naps in which sleep occurred.
- **Additional AHI reporting options:** Report AHI using only hypopneas associated with ≥3% oxygen desaturation, excluding those qualifying through arousal alone.
- **Live-recording enhancements:** Automatic association of arousals and periodic limb movements (PLMs) is now available during live recordings.
- **Readiness in Nox Connect:** Improvements supporting future PSG and SAS workflows include video handling, multi-user authentication, additional PAP summary parameters and support for the SAS frontal signal filter in Noxturnal Web.
- **Stability and reporting fixes:** Corrections address the AHI 4% parameter, EDF export, single-click scoring, report pie charts and scoring-page navigation during live recordings.

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