Dear customer,

PATH MEDICAL would like to inform you about a new Senti and Sentiero device firmware bug fix release (2.6.2), Mira PC software release (2.2.1) and Noah connector (2.0).

The main updates of firmware 2.6/2.6.1/2.6.2, PC software 2.1/2.2/2.2.1 and Noah connector 2.0 are described below. Please pay particular attention to the important information described in chapter 4 (“Important Notices”).

1. Firmware Modules and Feature Updates

The following new features are now available with Senti/Sentiero firmware:

- **ABR:**
  - Selected ABR traces can be hidden in results view, visibility status is stored and transferred to Mira
  - Recording window adjustable (16 ms / 25 ms) in AEP preferences

- **ASSR:**
  - Adjusted frequency range (500 Hz – 4 kHz) for bone conducted ASSR

- **ECochG:**
  - Extended impedance range accepted

- **ABR, ASSR, ECochG:**
  - Stimulus presentation during pause on/off configurable in AEP preferences

- **Miscellaneous:**
  - For type “Screening” devices only show licensed “Quick” modules (no “Diagnostic” modules) on license information screen
  - Support Japanese language and keyboard/character entry (Katakana, Hiragana, Kanji)
  - Add test modules usage counters
  - Bug fixes:
    - Very few devices with firmware 2.6 showed artefacts in the frequency responses during the in-the-ear calibration
    - Add missing letter in Portuguese keyboard and corrected behavior in Georgian keyboard
    - QuickABR online help was overlayed by test screen
• Corrected timeout issues in TEOAE Diagnostic and Quick ABR

2. **PC SOFTWARE**

• **Mira – Reporting, printout:**
  o Interaural ABR reporting option: extended side-by-side report with latency information tables (monaural and interaural latencies)
  o Anonymous printout: report can be optionally printed anonymized, i.e. without patient and examiner data
  o Customized logo and address information can be printed on report
  o Direct Print: report can be optionally printed to default printer without showing print preview
  o Improved DPOAE printout: show calibration information (calibration skipped); when printing DPOAE Threshold data, print DPOAE gram in addition to estimated audiogram
  o Improved MATCH detail report content

• **Mira – Miscellaneous:**
  o Improved ABR and ECochG viewer (enable selection of line marker style, enable entering a label text for each trace)
  o Selected ABR traces can be hidden in result viewer (hidden traces are not printed)
  o Improved BASD result viewer (show additional graphs)
  o Support additional languages (Japanese, Hungarian)
  o Add more test details to Excel export of immittance tests
  o Add more frequencies to the table of the audiogram history report
  o Bug fixes

• **NOAH:**
  o Store left and right ear audiograms in a single action
  o Store immittance, reflex, and reflex decay in a single action
  o Introduce new anonymous patient workflow
  o Enable ABR wave evaluation and peak marking
  o Add anonymous print mode
3. **HARDWARE AND ACCESSORIES**

- New longitudinal ear probe **EP-LT**
- New headphone **DD-65 v2**
- Headphone **HDA-280** has been discontinued by Sennheiser. The firmware continues to support this headphone.

**INFORMATION FOR AUTHORIZED SERVICE PARTNERS:**

For calibration of new transducers the latest PATH Service Tool is needed. A new PATH Service Tool (6.0.0) is released together with the device firmware. For more information please refer to PATH MEDICAL and the latest Service Manual.

4. **IMPORTANT NOTICES**

Please read the following important information carefully and make sure to inform your customers about this information.

PATH MEDICAL STRONGLY RECOMMENDS TO USE THE LATEST MIRA AND THE LATEST PATH SERVICE TOOL INCLUDING THE LATEST SPEECH SAMPLES AND Firmware and to update ALL devices with the latest firmware by using MIRA or the PATH Service Tool update function. Please note that some device types are not recognized by older MIRA and PATH Service Tool versions.

**WARNING:**

**WHEN UPDATING DEVICE FIRMWARE, THE TEST MODULE PARAMETERS ON THE DEVICE MAY BE RESET TO FACTORY PRESETS UNDER SPECIAL CIRCUMSTANCES (E.G. WHEN UPDATING DEVICES WITH FIRMWARE 1.6.4485 OR LOWER), I.E. INDIVIDUALLY SET TEST MODULE PARAMETERS MAY BE OVERWRITTEN. THEREFORE, PLEASE MAKE SURE TO KEEP TRACK OF INDIVIDUAL PARAMETERS BEFORE UPDATING THE FIRMWARE.**
GENERAL INFORMATION

For service requests (i.e., technical or handling problems) regarding Senti and Sentiero hardware, firmware or software and related accessories and service tools please contact PATH MEDICAL service at service@pathme.de.

For further information about PATH MEDICAL products please refer to https://www.pathme.de or contact info@pathme.de.