

May 29, 2018

**Dear customer,**

PATH medical is pleased to announce the release of new Senti and Sentiero device firmware (2.4.9296) and Mira PC software (1.8.1.7536).

The main updates are described below. Please pay particular attention to the important information described in chapter 3 ("Important Notices").

## **1. FIRMWARE MODULES AND FEATURE UPDATES** (SORTED BY MODULES)

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

### **1.1 Auditory Brainstem Responses** (Sentiero Advanced only)

- ABR Diagnostic: Artefact rejection threshold configurable in settings; the ABR test time is prolonged by the number of frames exceeding the artefact rejection threshold; the artefact rejection threshold is shown at the EEG bar during the test and in the result (threshold, number of artefact frames)
- E-ABR: Improve EEG calculation (consider pre-stimulus time frame), remove mains filter for improvement of artefact interference

### **1.2 Miscellaneous**

- Minor bug fixes for MAUS and NVA speech test

## **2. MIRA PC SOFTWARE**

No changes, Mira includes latest firmware.

### **3. 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.



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**

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*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 service at [service@pathme.de](mailto:service@pathme.de).*

*For further information about PATH products please refer to <http://www.pathme.de> or contact [info@pathme.de](mailto:info@pathme.de).*

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