WhaleTeq MECG 2.0 Changelog

Version 2.0.12.1 - 2024-08-27

1. NEW: added support to load triangle pulse (100ms)

Version 2.0.11.3 - 2023-04-11

1. FIX: the outputted waveform is continuously shifted if the WhaleTeq-format raw data is loaded

Version 2.0.11.1 - 2021-10-15

1. NEW: added support to load square waveform

Version 2.0.10.6 - 2020-11-11

1. the frequency is not precisely configured
2. redesign periodical waveform (sine/ triangle/ pulse); load as continuous waveform instead of 10-seconds waveform
3. update icon
4. remove 'User Manual' in system context menu; users can download the file from the WhaleTeq website
5. fix crash in command replay

Version 2.0.10.1 - 2020-04-28

1. build MECG application to x64 version

Version 2.0.9.8 - 2019-12-30

1. fix download database failed
2. CSE database: support *.txt data fomrat
3. FECG: support mapping lead
4. support to load EEG waveform (*.edf)
5. fix command replay crash issue
6. fix 'Stop' fails to stop in Command Replay

7. fix the waveform is not displayed to the main window during running commands in Command Replay

Version 2.0.8.13 - 2018-10-15

1. added support new MECG HW (DAC 16bit)
2. fix some ui issues
3. add 'EnableLoop' and 'DisableLoop' commands in Command Replay
4. add 'Download All' button to download all records in 'ECG File Load' form
5. fix load *.edf file failed
6. remove the length limitation of loading physionet database
7. support LoadSine, LoadTriangle, LoadPulse commands in Command Replay

Version 2.0.7.3 - 2017-09-25

1. Fix the delay time for special model

Version 2.0.6.13 - 2017-09-25

1. Become installation file rather than portable file
2. Support MECG SDK
3. Seperate "CTS/CSE Database Compliance Analyzer" from MECG The product is designed for IEC60601-2-25 algorithm comparison
4. Add the database option for "Non-invasive Fetal ECG Database"
5. New Feature: Popup an enlarge window for each Lead after double click Lead window
6. Automatically notify new version Firmware / AP
7. Remove socket server (replaced by SDK)
8. Remove "Output Range" block
9. Remove "Command File"
10. Enhance the error handling for downloading MIT database
11. Show duration for CTS/CSE database

Version 2.0.3.4 - 2017-05-15

1. fix incorrect AHA waveform; fix the gain value

Version 2.0.2.9 - 2017-02-08

Support command "LoadWhaleteq_TXT", which load the waveform with WhaleTeq (*.txt) format.

Version 2.0.2.8 - 2017-01-11

1. Fix the issue for frequently data loss after hot plug-in, which causes "Show PC delay" throw many delay message.
2. Fix the issue in CTS/CSE Compliance Analyzer, which get incorrect data if direct get Analog Individual Method II Result in CTS Interval & Duration.

Version 2.0.2.7 - 2016-11-24

1. Add "Hotplug" feature
2. Add "Firmware Update" feature

Version 2.0.2.6 - 2016-11-06

Compatible with different firmware version and serial number rule

Version 2.0.2.5 - 2016-09-20

1. New Feature: MECG provide the data playback feature with WhaleTeq format (*.txt). For format detail, go to "Get ECG source from file", click the "?" button.
2. CTS/CSE Compliance Analyzer Enhance: Report Format Enhance & bug fix
3. Add 8 databases which are from Physionet and can be downloaded through MECG
   - CU Ventricular Tachyarrhythmia (CU)
   - European ST-T Database (ESC)
   - MIT-BIH Arrhythmia Database (mitdb)
   - MIT-BIH Atrial Fibrillation Database (afdb)
   - MIT-BIH ECG Compression Test Database (cdb)
   - MIT-BIH Malignant Ventricular Ectopy Database (vfdb)
   - MIT-BIH Noise Stress Test Database (nstdb)
   - MIT-BIH ST Change Database (stdb)

Version 2.0.2.4 - 2016-03-04

1. Rename add-on software from "CTS/CSE DB Analysis" to "CTS/CSE Compliance Analyzer"
2. CTS/CSE Compliance Analyzer Enhance: Different waveform number between YY and IEC

3. CTS/CSE Compliance Analyzer Enhance: Add algorithm options for analog signal

4. CTS/CSE Compliance Analyzer Enhance: Enhance algorithm of standard deviation

5. CTS/CSE Compliance Analyzer Enhance: Enhance the exported report.

6. Fix the bugs for "Command Socket Server"

Version 2.0.2.3 - 2015-09-02

1. Add new version of MECG for trial "CTS/CSE DB Analysis"

2. Add automatic feature "CTS/CSE DB Analysis".