

Release note - Manikin Management Module

V1.2.0

The following has been updated for improved functionality

- Include Metronome to control and viewing mode
- Include selection of sounds/ECG's/Events to be displayed for session/scenario
- Include scrollbar for graph in session view and debriefing
- Include PEA (Pulseless Electrical Activity) in ECG rhythms
- Include additional MI algorithms
- Update data of demo mode with guidelines 2015
- Add compression fraction as additional debriefing parameter
- Include 12-lead ECG print on mm-paper from Monitor
- Include new PDF print generation of reports

- Improved sound architecture and volume control
- Improved etCO2 curve and Defib spike display
- Improved database architecture for import/export, deletion and display functionality
- Improved graphical appearance and scaling
- Updated calculation algorithms
- Update legal terms
- Improved network connectivity
- Include security for updating while open session

Note:

Always save all locally created data and session from the manikin, before performing the update, as the data might be lost during the update process.

Restart the browser after the update has been performed. The manikin has to be set back to factory default in the configuration, in order to take over all new entries.

With the installation of version V1.2.0 it will not be possible to set back the manikins to a previous version.

Always ensure that all session are closed before performing an update. Please consider the Quick Guide "Installation of software updates".

Earlier releases

V1.1.1

The following has been updated for improved functionality

- New entrance page: Selection of country and language which affects all program wordings and the database entries. It will show up on first initial start-up of the manikin and after a reset to factory defaults.
- New Quick Course for multi-manikin training: All connected manikins can be started easy and quickly at once.
- Multi-manikin training: The scaling of graphs in the "Surveillance View" was improved, so the graphs are enlarged.
- Loading time of the database and of the viewing modes was reduced.
- The duration of a session can now be selected freely by typing in numbers.
- The physiological parameters can now be changed quickly by typing in numbers.
- Patient monitor: The ECG display (normal and 12-channel view) can be paused for better analysis by clicking on it.
- Session reports can be now accessed directly from the "Trainees" database by clicking on the trainee and selecting a session.
- The scenario export includes now all required items (ECGs, sounds, event icons).
- General configuration: The selection of the "Self-Training" mode (enable/disable) under the tab "Introduction screen" was hidden.
- Defibrillation symbol in the ECG field was missing and added.
- ECGs with "0" values or "No sound" could not be edited and saved due to incorrect field input, now all values are accepted.
- When writing a scenario the default ECG sound could not be overwritten with another sound, this is now possible.
- User-defined ECGs were not saved in the database backup file, now it includes all customised entries.
- Measurement tool in graphs (click and drag) was misplaced on iOS devices and was corrected.
- The training course could not be deleted and the duration of the session could not be selected, both were corrected.
- The ECG signal output was corrected to lead II instead of lead I (in the instructor view, the patient monitor and the ECG database)
- The unit of compressions can be set to metric (mm) or non-metric (inches).
- In all menu dropdowns for selection was added a scrollbar.
- The failure of manikins after the update to version V1.1.0 (continuously flashing LED) was improved.
- When the upload of a language file fails, the error message text was wrong.
- The configuration of a WEBDav storage server was not possible because of bugs.

Note:

Always save all locally created data and session from the manikin, before performing the update.

With the installation of version V1.1.1 it will not be possible to set back the manikins to a previous version.

Please consider the current Quick Guide "Installation of software updates".

V1.1.0

The following has been updated for improved functionality

- Graphs in debriefing did not display data after approximately 2.5 minute.
- When new session was started directly after another, the event icons from the previous session was still displayed on the graph.
- Event icons upload improved.
- Sound files upload improved.
- Added at 3 person CPR training mode.
- The ECC rate shown in a live session is now based on data from the last 2 compressions.
- Improved evaluation on the training results to be more detailed, showing total/percentage values of the performed actions.
- Added “Evaluation” options in Debriefing and print configuration.
- A measure tool is implemented in the graphs and allows to measure seconds between two points by click and dragging.
- Added possibility to ignore initial ventilation. An “Ignore initial ventilation” field is added to all existing algorithms with the default value “No”. If initial ventilation is chosen to be ignored, then all ventilations before the first compression is ignored when calculating the ventilation/compression ratio.
- Added a back button on a views in Viewing mode, except the Monitor View.
- Playback of sounds are synchronized to the value of the breathing parameter. All existing default breathing sounds has been updated to contain only one inhale-exhale and will replace the old sounds then the manikin is updated.
- A “Default breathing sound” field is added to all existing ECG signals with the default value depending on the ECG signals breathing parameter.
- Ability to select a sound to play only once added to the sound menu.
- The ECG signal output was changed to lead II instead of lead I.
- The names “master” and “slave” was replaced with “host” and “client”.
- The wording “RR” was replaced with “BP”.
- All ECG’s have been reworked in high resolution. New ECG’s added.
- Added Korean language to the system.

Note:

Always save all locally created data and session from the manikin, before performing the update.

With the installation of version V1.1.0 it will not be possible to set back the manikins to a previous version.

Ballerup, April 2018

V1.0.5

The following reported bug have been updated for improved functionality

Scenarios

- System crash after compression trigger
- Time trigger not counting correct

System

- Configuration page accepts illegal WEP key length
- Invalid network configuration seems to inhibit the network reset button
- Missing text in language files
- Power LED flashes continuously due failure to complete bootup procedure

Control mode

- Defib symbol not shown in ECG signal field
- ECC rate not correct in debriefing table
- ECC and ventilation rate not shown on manikins
- Visibly of Database entries
- Compression / ventilation levels continuously incrementing
- Jump in ventilation graphs

Note:

Always save all locally created data and session from the manikin, before performing the update.

Ballerup, June 2017