

Release note - Manikin Management Module

V1.3.0

The following has been updated for improved functionality

- Correction of pacing waveform
- Correction to save PEA option in a scenario
- Correction to remove a +30 minutes offset in session duration, which occurred on systems in South Korea
- Addition of 2:30 min display time in reports
- Extended display selection options in Self Training mode

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 take over all new entries.

With the installation of version V1.3.0 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".

Ballerup, April 2024

Earlier releases

V1.2.2

The following has been updated for improved functionality

- Print icon visible on self-training page
- PDF printout from self-training module includes sessions information
- Update to license information

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With the installation of version V1.2.2 it will not be possible to set back the manikins to a previous version.

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Ballerup, June 2022

V1.2.1

The following has been updated for improved functionality

- Guideline algorithm for AHA guidelines 2020 included
- Metronome starts when changing pages in Firefox
- The export of the database does not include display sets
- Starting a system update with a random file causes non-recoverable system failure
- Recommended compressions limits cannot be changed in PDF
- Unlimited session duration shows "0.00" instead of "Unlimited"
- Too large defib spike in pdf
- PDF print doesn't work for bubble graph sessions
- Database export shows an internal error notification
- Menu fail in quick course custom scenario using custom display set
- PDF print shows ECG graph for AmbuMan Airway
- Multiple manikins deleting/saving the session in team debrief still shows buttons and data
- Quick course does not transfer ECGs and sounds to the surveillance mode
- Viewing mode - Physiology shown other entries as control mode
- PDF - graphs not aligned with page margins
- PDF - "no logo uploaded" should not be visible
- Display set selection should only show available entries
- AmbuMan Defib - viewing mode - 12 Lead should not be visible
- Importing database setup causes error "import failed"
- Disable print logo does not work
- When disabling ECG and physiology parameters both menus still shows in session view
- The mm parameters do not change in the graph only the team evaluation includes inches
- Training mode with vent or comp disabled shows both graphs in PDF
- PC desktop scaling incorrect
- Changing ECG with PEA active incorrectly activates physiology parameters (pulse)
- 12-lead buttons shown in viewing mode on unsupportive type defib
- Unintended radio buttons in database for events, sounds and ECG
- Malfunction of radio button for pulseless Electrical Activity (PEA)
- Customer events are not exported
- Event buttons in session screen not properly shown when used display set
- System failure after Defibrillation
- Discrepancies in MAC address cause manikins to crash following upgrade

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Ballerup, December 2020

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

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Ballerup, July 2020

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:

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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