

**Subject** : AW: Capnograph Firmware Versions  
**Date** : Thu, 2 Dec 2010 11:17:00 +0000  
**Linked to** : Heidi Froehlich  
**From** : "Froehlich, Heidi" <[h.froehlich@bluepoint-medical.com](mailto:h.froehlich@bluepoint-medical.com)> (By way of [info@viamed.co.uk](mailto:info@viamed.co.uk))  
**To** : JONATHAN (Jonathan Connor) <GoldMine User>  
**Cc** : SNIXON (Steve Nixon) <GoldMine User>; RYAN (Ryan Swaine) <GoldMine User>; SHARD (Steve Hardaker) <GoldMine User>

Dear Jonathan,

I would not advice to update the software of the units already delivered to customers. No other company does this. The costs for transport are too high. The bugs do not affect the essential performance and definitely not the safety in any manner. If this would be the case I would inform you.

The most important thing is that you give NO CUSTOMER the software that can update the devices.

This software tool "MSP430 Update Assistant" is only for use at Viamed to make things easier for you. A customer may not update his own software.

THIS IS VERY IMPORTANT.

Bluepoint (and also Viamed as manufacturer) can not guarantee that the software update is performed in a correct manner by the customer. The file with the software code is a normal .txt file. I believe you at Viamed will update in a proper manner as I explained in the manual. But a customer could by accident change the .txt file and we have no control at all about what influence this will have on the device performance...

Please always keep in mind that not all software is compatible with all hardware. See attached list I already once send you. The moment it gets updated I will forward the update to you.

Nevertheless find below the change log from our programmer.

I would say the main change is that the alarm log is also displayed in the 12h mode. Before the alarm log was displayed in 24h mode, disregarding of what was selected because this way it was easier to display.

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Version 5.8 2010/07/12 ~ 2010/07/13

1. Revised the bug that large current was occurred after key off.

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Version 5.7 2010/06/30 ~ 2010/06/30

1. Changed the brightness level for the oled.

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Version 5.6 2010/06/08 ~ 2010/06/29

1. Revised the bug in alarm log that one blank item display 12:00 in 24 hours' mode (It is ok in 12 hours' mode).
2. Revised the icon time display when select 12h/24h mode.
3. Display the time in logs according to 12h/24h mode.
4. The maximal log number changed to 40 at least(40~66).
5. Took out the message regarding how much memory is left.

6. Revised the device parameter bug from the software updated.

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Version 5.5 2010/05/26 ~ 2010/05/27

1. Revised the pluse rate wave display.

Mit freundlichen Grüßen

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**Von:** Jonathan Connor [<mailto:jonathan.connor@viamed.co.uk>]

**Gesendet:** Donnerstag, 2. Dezember 2010 11:54

**An:** Froehlich, Heidi

**Betreff:** Capnograph Firmware Versions

Dear Heidi

Please can you send me a list of the changes from Firmware version 5.5 to Latest (5.8?) I know these are all minor bug fixes, but it may be helpful for advice to customers if they have a lower firmware version.

Look forward to hearing from you

Kind regards

Jonathan Connor

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