

**To customers and users of the  
Dräger Perseus A500 anesthetic  
workstation with SW2.0n**

June 2020

**Important Safety Notice!!!**

**Possible warm starts due to non-Medibus-compliant data**

**Affected products: Perseus A500 with SW2.0n**

Dear Madam/Sir,

Within the framework of our worldwide product surveillance activities, Dräger has become aware of isolated cases in which the Medibus interface of the Perseus A500 was disrupted by external non-Medibus-compliant data packages such that the internal processor became overloaded. This resulted in delays to the display of ventilation curves on the screen of the Perseus, and subsequently the devices in question performed warm starts. As a result, the ventilation pressure dropped and ventilation was interrupted for a few seconds before therapy was resumed with the same settings as before.

**If Perseus is supplied with non-Medibus-compliant data via the Medibus interface, the display of curves may be delayed and ultimately a warm start may be performed. When controlled ventilation modes are being used, a warm start causes the ventilation pressure to fall to the ambient level. This could possibly result in a deterioration of the patient's condition.**

By now, we have not received any reports of the described behavior being related directly to patient injury.

We have already improved the software so as to remedy this issue. Dräger Service will be contacting you to arrange a date for your software to be updated free of charge.

Until we have installed the software for you free of charge, you have two alternatives:

**Alternative 1:**

**Do not use the Medibus interface until the improved software has been installed on your devices.**

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**Alternative 2:**

**If there are important reasons why you are unable to do without the Medibus interface even for a transitional period, please watch very carefully to see how the curves are displayed and compare them to the inflating manual ventilation bag.**

**If you notice that the curves are only being displayed with some delay, disconnect the Medibus interface and carry out a controlled reboot of the Perseus by switching off the device and then switching it on again. During this time you can manually ventilate the patient using the O2 emergency flow control, the Vapor and the manual ventilation bag. The interface should then remain disconnected until the possibility of non-Medibus-compliant data being supplied can be completely ruled out.**

If you are actively using the Medibus interface of your Perseus at the current time or plan to do so in the near future, please contact your local Dräger representative so that we can take this into account when planning the software updates.

The non-Medibus-compliant data in question can be caused by defective components or settings in the network.

Because this weakness could theoretically be exploited as part of a targeted attack on the hospital network, please find a Dräger Security Advisory at <https://static.draeger.com/security>.

We apologize for any inconvenience that this information may cause, but believe this to be a vital preventive measure to increase patient and user safety.

Please notify all users affected at your facility. The competent authorities will likewise be notified of this action.

Many thanks for your support.

With kind regards



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