

URGENT - Field Safety Notice
PHILIPS MX 16-slice Computed tomography x-ray system

Software upgrade from v1.1.4.21426 to v1.1.4.21428 to correct software issues on v1.1.4.21426

Dear Customer,

As part of Philips' continuous focus on reliability and safety we continuously monitor the performance of our products. During recent evaluations of the Philips *MX-16 Slice*, we have identified a potential issue that may affect the performance of the equipment under certain conditions. This letter is intended to provide you with information regarding:

- what the issue is, and under what circumstances it may occur
- the actions you can take to avoid or minimize the occurrence of the issue
- the actions planned by Philips to correct the issue

This document contains important information for the continued safe and proper use of your equipment

Please review the following information with all members of your staff who need to be aware of the contents of this communication. It is important to understand the implications of this communication.

Please retain a copy with the equipment Instruction for Use.

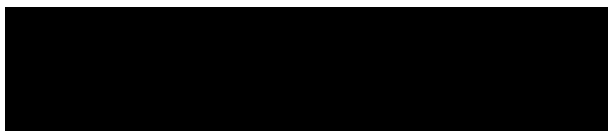
If you need any further information or support concerning this, please contact your local Philips representative:

<Philips representative contact details to be completed by the KM / country>

We apologize for any inconvenience this may cause and trust that this information is adequately addressing any concerns you may have.

Sincerely,

Alina Zhou
Site Q&R Leader, IS China



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AFFECTED PRODUCTS	Philips MX 16-slice CT Systems with software version v1.1.4.21426
PROBLEM DESCRIPTION	<p>The following issues have been found in MX 16-slice systems with software version 1.1.4.21426:</p> <ol style="list-style-type: none">1. During the filming operation on MX16-slice console software, the clipboard used for copying and pasting images is not cleared between patients. If the operator fails to copy the current patient's images before pasting, a previous patient's images may be present in the clipboard and be copied onto the film of the current patient.2. During the Bolus Tracking scan, if the Auto Voice in Tracker scan is enabled, the Tracker scan will be aborted unexpectedly and the diagnostic scan after the tracker scan needs to be manually started.3. If the scan protocol with SAS (Spiral Auto Start) function is selected to plan the scan, the SAS option may not be displayed on the Contrast tab of the scan protocol parameter area or the SAS option is displayed but not enabled as pre-configured in the protocol. This issue only occurs on the first helical scan after system startup that applies SAS function. (The issue will not occur on the following scan if any helical scan has been executed after system startup.)
HAZARD INVOLVED	<p>Issue 1) Potential misdiagnosis due to mixed patient images, which may lead to unnecessary treatment/procedure.</p> <p>Issue 2) Potential rescan of patient when tracker scan is aborted and the following diagnostic scan is not manually started.</p> <p>Issue 3) Invalid SAS scan due to SAS option is not enabled as expected, which may lead to rescan of patient.</p>

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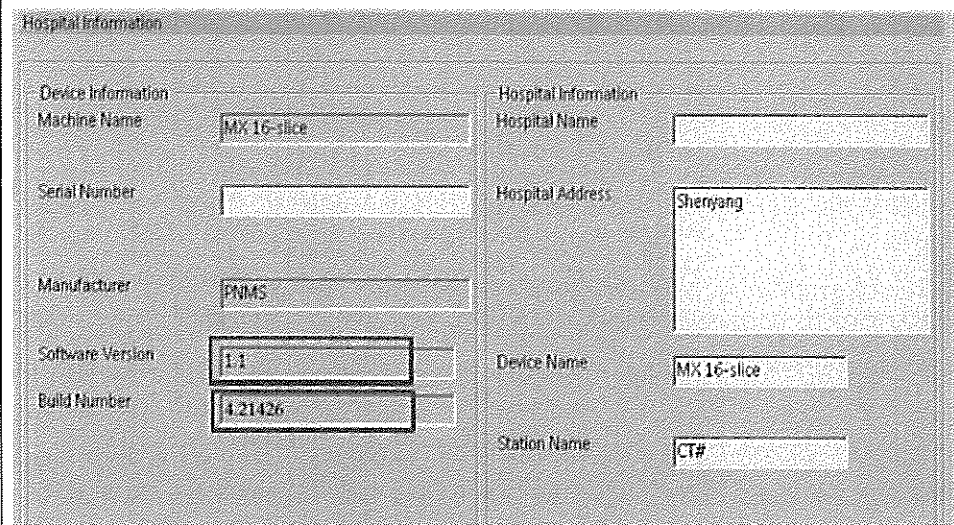
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HOW TO IDENTIFY AFFECTED PRODUCTS

Identify affected units by the device name (MX 16-slice) and software version (v1.1.4.21426).

User can navigate to "Processing"→ "Service"→ "System Setting" → "Hospital Information" to find the device information.
Check whether the Device Name is "MX 16-slice", Software Version is 1.1 and the Build Number is 4.21426 (see Figure 1).



The screenshot shows a 'Hospital Information' window with two columns of data. The left column is titled 'Device Information' and contains fields for Machine Name (MX 16-slice), Serial Number, Manufacturer (PNMS), Software Version (1.1), and Build Number (4.21426). The right column is titled 'Hospital Information' and contains fields for Hospital Name, Hospital Address (Shenyang), Device Name (MX 16-slice), and Station Name (CT#). The Software Version and Build Number fields are highlighted with red boxes.

Device Information		Hospital Information	
Machine Name	MX 16-slice	Hospital Name	
Serial Number		Hospital Address	Shenyang
Manufacturer	PNMS	Device Name	MX 16-slice
Software Version	1.1	Station Name	CT#
Build Number	4.21426		

Figure 1: Check Device Name and Software Version

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ACTION TO BE TAKEN BY CUSTOMER / USER	<p>Until the software is upgraded to v1.1.4.21428, follow the directions below to avoid the issues described in the FSN.</p> <p>Issue 1: When the copy and paste operation is used to edit patients' films, ensure the patient image is copied from the current patient before pasting to the film. Check the patient information on the image and ensure the desired images are copied onto the film.</p> <p>Issue 2: When performing a Bolus Tracking scan, do not use the Auto Voice option in Tracker scan. Use the intercom to give breathing instructions to the patient during Bolus Tracking scan.</p> <p>Issue 3: If the SAS option is displayed on the Contrast tab of the scan protocol parameter area, but is not enabled, enable the SAS option manually. If the SAS option is not displayed, select another series and then select back to the series of Helical scan. The SAS option will be displayed and then the clinician can enable the SAS option manually. This issue can also be avoided if the clinician arranges the first helical scan after system startup without SAS function.</p>
ACTIONS PLANNED BY PHILIPS	<p>Philips will release Field Change Order (FCO) 72800641 to upgrade the software free of charge.</p> <p>A Philips Field Engineer will contact you to schedule this correction.</p>
FURTHER INFORMATION AND SUPPORT	<p>If you need any further information or support concerning this issue, please contact your local Philips representative:</p> <p><Philips representative contact details to be completed by the KM / country></p>