

DX-D 100	Type 5410	SB No. 107
DX-D 100 Wireless	Type 5411	SB No. 127
DX-D 300	Type 8207	SB No. 113
DX-D 600	Type 5430	SB No. 131

DD+DIS053.18E

Service Bulletin

**Revised version: PRB2000146 solved with Sedecal SoftConsole 5.8 (only DX-D 300/600) |
Release of Sedecal SoftConsole 5.8**

Task		
Timing	Category	Scope
Next service as agreed with customer	<input checked="" type="radio"/> Apply at all sites	Problem Record: PRB0059837, PRB0060381, PRB2000146
	<input type="radio"/> Apply at affected sites as listed below	
	<input type="radio"/> Optional to improve functionality of product	

Task Tracking

After completion of your task the following entry in your Service Report is required:

DD+DIS053.18E

* Insert the document number into the field "Comment" (SMS form).

Purpose of this document:

- This document announces the release of the Sedecal SoftConsole 5.8.
- It describes the solutions for the mentioned PR cases.

Affected serial number(s) / batch: Apply at all sites with DX-D 100 / DX-D 100 Wireless / DX-D 300 / DX-D 600.

The signatures on the approval page indicate the solutions described in this Service Bulletin have been reviewed and are NOT reportable because no actions are taken to reduce a "Risk to Health" according to our risk assessment process.

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DX-D 300 / DX-D 600

Page 1 of 6



List of contents

1	Introduction/purpose	3
1.1	Resolved Problems	3
1.1.1	PRB0059837: Error Message: "Ceiling Suspension Moving Manually" is misleading (only DX-D 600)	3
1.1.2	PRB0060381: Image taken with wrong Thorax exposure values (only DX-D 300/600)	4
1.1.3	PRB2000146: AEC not working underexposure (only DX-D 300/600)	4
1.2	New features	4
2	Prerequisites	5
3	Instructions	6
3.1	Making a backup of SiteConfig.xml	6
3.2	Upgrading software on NX workstation	6
4	Verification.....	6
5	Keywords.....	6
6	Version history.....	6

1 Introduction/purpose

The Sedecal SoftConsole 5.8 has new features and solves the problem records listed below.



NOTE:

SoftConsole 5.8 can only be installed on DX-D 100 / DX-D 100 Wireless / DX-D 300 / DX-D 600 running on NX 20.00 SU1 or higher.

1.1 Resolved Problems

1.1.1 PRB0059837: Error Message: "Ceiling Suspension Moving Manually" is misleading (only DX-D 600)

Symptom Exposure could not be initiated and error message "Ceiling Suspension Moving Manually" occurred.

This error text was misleading. The real reason was that a third party person (e.g. parent) has accidentally pressed the foot switch while sitting next to the table and therefore the exposure couldn't be initiated. After releasing the foot switch the radiographer could continue.

Cause Software issue: Message appearing in SoftConsole not correct.

Solution Solved with SoftConsole Version 5.8. Now the message "Pedal or button pressed" will be shown.

1.1.2 PRB0060381: Image taken with wrong Thorax exposure values (only DX-D 300/600)

<i>Symptom</i>	After an aborted FLFS sequence the user intended to take an image of the patient's thorax. He initiated the procedure by selecting the thumbnail for Thorax exposure. However the abortion process of the FLFS was still running in the background. This disabled the Automatic Exposure Control and the system used the stored exposure value of the aborted FLFS instead of the exposure value for the thorax.
<i>Cause</i>	Combination of user failure and software failure. The user didn't check parameters before starting the exposure. The software did not prevent that the user could select a new thumbnail whilst the abortion process of the FLFS was still ongoing.
<i>Solution</i>	Solved with SoftConsole Version 5.8. The abortion process will no longer affect the newly selected thumbnail.

1.1.3 PRB2000146: AEC not working underexposure (only DX-D 300/600)

<i>Symptom</i>	The user selected AP L-SPINE exposure first, programmed as 2-points technique (kV and mAs) in the Exam Tree. Afterwards the exposure method was changed manually on the SoftConsole to AEC exposure. When the exposure was made the resulting image was underexposed. The system showed the error message "(G)E1 AEC Dose not enough".
<i>Cause</i>	The change of exposure method was not considered internally by the software to recalculate the mAs value, keeping the low mAs value for AP L-SPINE exposures.
<i>Solution</i>	Solved with SoftConsole Version 5.8. The right amount of mAs will be correctly recalculated after changing the exposure method.

1.2 New features

Upgraded software synchronization: SC 5.8 will now support the combination of 10s/14s/fixed Pixium 4343R and 10e/14e/17e.

This means e.g. for DX-D 300 and DX-D 600 DR 14e/17e detectors can now be used in combination with a fixed Pixium 4343R.

The release of the detector combinations will be announced in separate system bulletins.

2 Prerequisites



SOFTWARE:

- Download a new license file (ALF) for the NX via ELMS.

Download the software from the Agfa HealthCare Library:

- Sedecal SoftConsole 5.8
Direct Radiography > DX-D Components > Generator

Prerequisite:

- NX 20 SU1 or higher



REFERENCED DOCUMENTS:

- NX 3.0.20.00 / NX 4.0.20.00 - Service Manual, Document-ID [60608525](#)



TOOLS:

- Portable storage medium (checked to be virus-free, e.g. USB Flash Drive).



IMPORTANT:

The installation and service of the product(s) described herein is to be performed by qualified personnel who are employed by Agfa HealthCare N.V or one of its affiliates or who are otherwise authorized by Agfa HealthCare N.V. or one of its affiliates to provide such services.

3 Instructions

**REQUIRED TIME:**

5 minutes for installing and configuration of Sedecal SoftConsole 5.8.

3.1 Making a backup of SiteConfig.xml

**IMPORTANT:**

The following step is crucial as some files will be lost after the upgrade:

- (1) Make a copy of the **SiteConfig.xml** file which is located in the **C:\Agfa\Healthcare\Sedecal** folder.

3.2 Upgrading software on NX workstation

- (1) For upgrading to SoftConsole 5.8 follow the instructions in the NX 3.0.20.00 / NX 4.0.20.00 - Service Manual, Document-ID [60608525](#).
- (2) Restore the backup file saved in section 3.1.

4 Verification

- (1) Follow the instructions in the NX 3.0.20.00 / NX 4.0.20.00 - Service Manual, Section 7, Document ID [60608525](#).

5 Keywords

Sedecal SoftConsole 5.8

6 Version history

Version	Change	Date
1.0	Initial version	06-2018
1.1	Changes in section 1 Added PRB2000146 (only DX-D 300/600)	02-2019



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