

Service Bulletin

XRDI 21 and ASC 8.0 released

Task

Timing	Category	Scope
<input checked="" type="radio"/> Next service as agreed with customer	<input type="radio"/> Apply at all sites	<input checked="" type="radio"/> Problem Record: PRB2000235
	<input checked="" 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:

70118767 *

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

Purpose of this document:

This document announces the release of XRDI 21 and DR component installer ASC 8.0.

Affected sites:

All systems can be updated with XRDI 21 and ASC 8.0.

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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1 Introduction

XRDI 21 has been released together with ASC 8.0.

Note that XRDI 21 requires NX 22.00.

The following new features for DX-D 100 are implemented:

Component	New feature	Reference
XRDI 21*	<ul style="list-style-type: none"> Warm Up Procedure for X-ray tube introduced as default exam package 	Application Note NX 22.00 / XRDI 21, Document ID 68534240
ASC 8.0*	<ul style="list-style-type: none"> No new feature for DX-D 100 	Application Note NX 22.00 / XRDI 21, Document ID 68534240

* Meaning of abbreviations see version overview table below.

The system version is increased to V 11.1.90. See the enclosed excerpt of chapter 10, Release information of the DX-D 100 V11 - Service Manual, Document ID [66209499](#).

		DX-D 100 System Version		
System Component		V 11.0.20	V 11.1.40	V 11.1.90
Release date:		12-2018	07-2019	09-2019
NX and related installers	Workstation Software	NX 21.00 SU1	NX 22.00	NX 22.00
	Varian Detector Software	VRN 8.0	VRN 8.0	VRN 8.0
	Agfa Softconsole	ASC 6.1	ASC 6.1	ASC 8.0
	Sedecal SoftConsole	SC 5.8	SC 5.8	SC 5.8
	X-Ray Device Interface	XRDI 20.1	XRDI 20.1	XRDI 21.0
	CR/DR Service Toolbox *	v 3.3	v 3.3	v 3.3
Generator	Sedecal TechServ	6.17	6.17	6.17
	Generator firmware ATP Console (U24 EPROM)	V7R1b94	V7R1b94	V7R1b94
	HT controller software (U5 Controller)	V5R8.10 **	V5R8.10 **	V5R8.10 **
Mobile X-Ray Unit	Motion Control Board firmware	V11R3b7	V11R3b7	V11R3b7
Wireless adapter	Sparklan Driver RT2870	n.a.	n.a.	n.a.
	Atheros driver	V10.0.0.297	V10.0.0.297	V10.0.0.297
Detector	DX-D 10 / DX-D 20 firmware *	build 39	build 39	build 39

* Updates do not trigger a system version. For CR/DR Service Toolbox only: Install the latest available version.

** V5R8.10 only ex-factory.

1.1 Solved problem record

The updated DR installers provide a solution for the following problem record:

1.1.1 DR Detector calibration needs extra unwanted steps [PRB2000235]

Symptom With XREDI 20 and XREDI 20.1, during detector calibration the Agfa Soft Console does not become green after the previous exposure. It only gets green by pressing the prep button and releasing it. Then exposure is possible. This extra step is necessary for all of the next exposures.

Cause Software issue.

Workaround Press the prep button and release it.

Solution In the DR detector calibration client which is part of XREDI 21 the issue is solved.

1.2 Additional solved software issues

The following sections contain a collection of all software issues that were additionally solved.

1.2.1 Solved software issues in XRD 21

- NX ConfigTool: TubeCurrent was enabled for new added exposure without Automatic Exposure Control (AEC). In this case it must be disabled however.
- When starting a Full Leg Full Spine (FLFS) procedure with several equal wireless panels, it was not possible to switch between the panels although this should be possible until the region of interest (ROI) is confirmed.
- Config tool with XRD 20 showed wrong auto-positions in dropdown of "Edit Exposure Modality Settings" function.
- When starting from a DX-D 600 configuration and converting this to DX-D 600 Semi-automatic the image orientation was wrong.
- XRD info report, chapter panels: The counters for the number of exposures / lost images did not work, they stayed at 0/0.
- Horizontal FLFS: Workflow with minimum adjustable ROI at the Table was aborted with error message.
- DR 800 - NX off line config tool: mA could not be adapted in exam tree.
- For DR 800, it was still possible to move the Table after confirming ROI and setting autoposition in FLFS.
- For DR 800, when door was open, the room state did not always go into error and the color remained blue.
- DR 600: Auto-tracking did not stay active for example for 2nd exposure at Wallstand. The user needed to press the ME button or re-activate Auto-Tracking manually.
- It was not possible to continue the FLFS workflow when setting ROI to smallest possible range.
- DR 600: During startup and restarts unnecessary errors were displayed.
- Switch panel in Multi Panel GUI reacted very slow.
- DR 600 FLFS: Message "Please insert the panel in portrait in the Bucky" was translated incorrectly in German.

1.2.2 Solved software issues in ASC 8.0

- NX did not start anymore after installing MS HotFix of Security Bulletin ms16-035.
- DR 800: When the periodic Offset calibration sign was blinking, sporadically the Offset calibration button was not active (grayed out).
- DR 800: When Table was tilting, there was still a Table height indication.
- DR 800: Units have been added to GUI parameters.
- DR 800: When starting a FLFS while the generator was still not connected (reset before) the webcam image was not displayed. Instead only text was displayed. After clicking on it several times, it appeared.

2 Prerequisites

2.1 XRDI 21 and ASC 8.0



SOFTWARE:

For software download it is recommended to use the Electronic License Management System (ELMS) feature "Create ELMS Software Collection Tool".

These software items can be downloaded from the Agfa Medimg Library as well:

- XRDI 21, Document ID [70115991](#), size ≈ 90 MB
- ASC 8.0, Document ID [70115695](#), size ≈ 140 MB

2.2 NX 22.00 software

If NX software is below NX 22.00, prepare a software update to NX 22.00 as described in NX 22.00 SB01, Release of MUSICA Acquisition Workstation software NX 3.0.22.00 / NX 4.0.22.00, Document ID [68532934](#).

2.3 NX license file

Organize a new Application License File (ALF) for the NX Workstation. For details about the ALF refer to the ELMS online help on <https://helicensing.agfa.net/rc/>.

- When creating the new license file for a software update or new installation, it is recommended using the ELMS feature "Create ELMS Software Collection Tool".

For more information refer to NX 2.0.8900 / 3.0.8900 SB07, Using the ELMS Software Collection Tool to improve service efficiency, Document ID [49695878](#).

- When organizing a new license file, ensure to write down the password for user crservice. This password will be active after loading the license file.



IMPORTANT:

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



IMPORTANT:

Strictly observe all safety directions within the "Generic Safety Directions", Document ID [11849633](#).

3 Instructions

**REQUIRED TIME:**

Approximately 30 minutes for the software update to XREDI 21 and ASC 8.0 on NX 22.00.

(1) Install XREDI 21 and ASC 8.0

- automatically including Windows hotfixes using the ELMS software Collection Tool
- or manually.

For both ways a step-by-step instruction is available in the NX 22.00 Service Manual, chapter 7, section “NX Software Component (for example XREDI) Update or new Installation”, Document ID [68534252](#).

**NOTE:**

The service intervention to perform the software update to XREDI 21 is a good opportunity to handover a print out the following “one page” user manuals to the customer:

- [Disinfecting the DR System \(Wall Poster\) 3271](#) (html file; needs to be transferred for example via email or USB flash drive)
- [MUSICA Acquisition Workstation Reporting a Problem 3270](#)

These “one page” user manuals were published in 08-2019. Purpose of the new user manuals:

- Increase customer satisfaction
- Reduce call rate

4 Verification

XREDI 21 and ASC 8.0: Follow the instructions in chapter 7, section “NX Software Component (e.g. XREDI) Update or new Installation”, Document ID [68534252](#).

5 Keywords

XREDI21, SW upgrade

6 Version history

Version	Change	Date
1.0	Initial Version	10-2019



Details as of PDF Creation Date

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