

Service Bulletin

Revised Information: Release of XRDl 15 SU1 in DX-D 100 / 100 Wireless system version 4.6.20

Task			
Timing		Category	Scope
Next service as agreed with customer	<input type="radio"/>	Apply at all sites	PowerHelp complaint / HQ issue: PR1401100005
	<input type="radio"/>	Apply at affected sites as listed below	
	<input checked="" 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+DIS043.14E

*

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

Purpose of this document:

- This document announces XRDl version 15 SU1, released with DX-D 100 / 100 Wireless system version 4.6.20
- It contains the solution for the listed PR case.

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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Release date: 08-2014

DX-D 100 / DX-D 100 Wireless

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Type 5410 / 5411

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1 Introduction/purpose

This document contains all necessary information about XRDI version 15 SU1 which has been introduced with DX-D 100 / 100 Wireless system version 4.6.20.

1.1 Solved Problem Records

Symptom The following issue has been reported for the DX-D 100 / 100 Wireless systems:

PR Case Number	Description
PR1401100005	The NX shows focal spot values of 0.6 or 1.2 whereas the tube has 0.3 and 1.0. Also the corresponding DICOM tag shows the wrong values.

The screenshot displays the XRDICONFIG software interface. The 'Generator Settings' section is highlighted, showing the 'Focal Spot Size' settings. The 'Small Focus' is set to 0.6 and the 'Large Focus' is set to 1.2. A red box highlights these settings, and a magnified view of this section is shown to the right. The 'Detector Settings' section is also visible, showing the 'DRPanel' settings.

Figure 1: GUI as of XRDI version 15 SU1

Solution This issue has been solved with the introduction of XRDI 15 SU1. With this release of XRDI 15 SU1 the focal spot sizes will become configurable and the corresponding DICOM tag shows the correct values.

Default setting is 0.6 & 1.2 mm, but can be changed if needed (e.g. for a DX-D 100 system with a 140 KHU tube, then the focal spots are 0.3 & 1.0 mm).

2 Prerequisites

2.1 For upgrading existent DX-D 100 / 100 Wireless systems to XRDI 15 SU1

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

For further information concerning obtaining or creating the ALF (Application License File), refer to the Simplified ELMS DR Subproduct Interoperability Matrix.
See section Referenced Documents further down in this paragraph.

**NOTE:**

As of XRDI 15, the XRDI plug-ins for the NX offline configuration tool are part of the XRDI software (e.g. XRDI 15.0.0700.exe).

See SOFTWARE section further down in this paragraph.

**SOFTWARE:**

Download the XRDI 15 SU1 software from the Agfa HealthCare Library to a USB flash drive (checked to be virus-free):

Direct Radiography > DR Components > XRDI > Software

**REFERENCED DOCUMENTS:**

- Simplified ELMS DR Subproduct Interoperability Matrix
General Info > Agfa HealthCare > Publications > Service Manual
- DX-D 100 - Service Bulletin No. 28 - DR Service Toolbox version 2.0 available
Direct Radiography > DX-D 100 > DX-D 100 Generic > Service Bulletin

2.2 For newly delivered DX-D systems



NOTE:

As of XREDI 15 the XREDI plug-ins are part of the XREDI software (e.g. XREDI 15.0.0700.exe). XREDI software is available on the starter kit DVD1 in the following directory:

Service Software\NX Application NX X.0.8800\AdditionalInstallers\XREDI



TOOLS:

An offline configuration tool for NX 2.0.8800 / 3.0.8800 is available on DVD1 of the NX 2.0.8800 / 3.0.8800 software



REFERENCED DOCUMENTS:

- NX 2.0.8800 / 3.0.8800 Service Manual, chapter 03: Installation Planning
- NX 2.0.8800 / 3.0.8800 Service Manual, chapter 04: Installation and Configuration
Computed Radiography > CR Workstation Software > NX 2.0.8800 – 3.0.8800 > Service Manual
- DX-D 100 - Service Bulletin No. 28 - DR Service Toolbox version 2.0 available
Direct Radiography > DX-D 100 > DX-D 100 Generic > Service Bulletin

The documents can be downloaded from the Agfa HealthCare Library.



SOFTWARE:

- NX 2.0.8800 / 3.0.8800 starter kit DVD 1.

3 Instructions

**REQUIRED TIME:**

Approximately 30 to 45 minutes for upgrading existent DX-D systems

3.1 Installation of XRDI 15 SU1 on NX workstation

Perform the following steps on NX 2.0.8800 / 3.0.8800 for upgrading to XRDI 15 SU1:

- (1) Stop NX.
- (2) Copy the applicable software installer to **C:\Agfa\Healthcare\NX\Installers** into the appropriate subdirectory on the NX.

Create the folder if it doesn't exist.

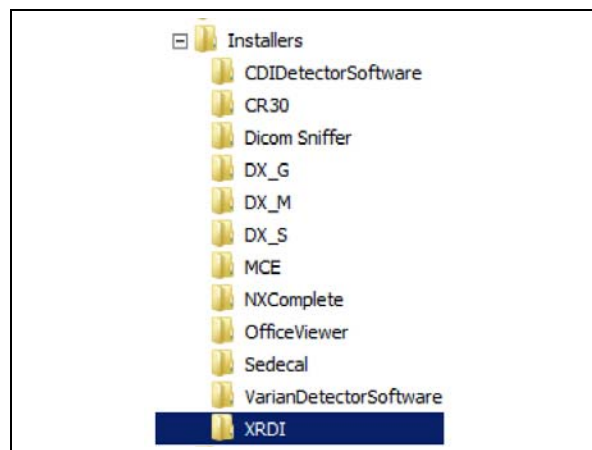


Figure 2

- (3) Export the current NX configuration via NX configuration tool.
- (4) Load the updated NX license file (.alf) via the license manager.
- (5) Load the new installers by using the Activation Utility Helper.
- (6) Reload the previously saved NX configuration via NX configuration tool.
- (7) Activate the configuration.

3.1.1 Microsoft Security Essentials Autoconfigurator (MSEA)

**NOTE:**

As from XRDI version 15, it is necessary to run the Microsoft Security Essentials Autoconfigurator (MSEA) after a higher XRDI version has been installed. For details on how to work with the MSEA, refer to the following Service Bulletin: *DR Service Toolbox version 2.0 available*. See *Referenced Documents* in section 2 of the present document.

4 Verification

Correct functionality of the respective DX-D system is verified by performing the following Acceptance Test procedures:

- On system level: System Acceptance Test
- On component level: NX workstation Acceptance Test procedure

5 Keywords

XRDI 15 SU1, Microsoft Security Essentials Autoconfigurator (MSEA)

6 Version history

Version	Change	Date
1.0	Initial version	06-2014
1.1	Correction of announced release version 4.5.20 to 4.6.20	08-2014



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