Service Bulletin

Release of NX 2.0.8600 / 3.0.8600 and XRDI 10.1 for DX-D 100 System Version 1.0

Task

Timing	Category		Scope
Next service as agreed with customer	○	**Apply at all sites**	**PowerHelp complaint / HQ issue: HQ_1103310001**
	◉	**Apply at affected sites as listed below**	
	○	**Optional to improve functionality of product**	

Task Tracking

After completion of your task the following entry in your Service Report is required:	DD+DIS209.11E	*
* Insert the document number into the field "Comment" (SMS form).		

Purpose of this document:

This document announces the introduction of the NX software version NX 2.0.8600 / 3.0.8600 and XRDI software version 10.1.

Affected serial number(s) / batch:

Installed DX-D 100 system 1.0 in combination with NX workstation version 2.0.8400 / 3.0.8400, XRDI version 10.0 and Varian software version L05.

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.

1   Introduction

Symptom   With NX software version 2.0.8300 / 3.0.8300 the following software issue has occurred:

Intermittent failure to display exposure parameters:

- If a patient is selected form RIS or manually entered the required routine is used for exam thumbnail to appear, i.e Chest PA.
- If the orientation is changed (Lanscape/Portrait) from the original exam setting in the 'Edit' function within the 'Examination' window the exposure parameters do not appear within the GUI.

Solution   Installation of the NX software version 2.0.8600 / 3.0.8600 in combination with XRDI software version 10.1. For more information refer to section 3 - Installation.

2   Prerequisites

SOFTWARE:

- Download the NX software version 2.0.8600 / 3.0.8600 from the FTP Server:

  ✓ **NOTE:**
  To access the FTP server, sign on using the username and password listed in the FTP Access document on the Agfa HealthCare Library, (Intranet Link / Extranet Link).

- For upgrades order the NX 2.0.8600 / 3.0.8600 upgrade kit (Starterkit DVD 1 and 2):
  - Via spare part code*: CM+6023930 (= Clean Installation Kit) **or**
  - Via Sales ABC code: 5QSNR

  * The last digit in the spare part number indicates the spare part revision at release of this document. When ordering, the current revision of the spare part is delivered.

- Download the software `XRDI 10.1.005.zip` (File size approximately 22,8 MB) from the Agfa HealthCare Library to a portable storage medium: `<Direct Radiography → DR Equipment → DX-D 100 → Software>`

TOOLS:

- An offline configuration tool for NX 2.0.8600 / 3.0.8600 is available on DVD 1 of the NX 2.0.8600 / 3.0.8600 software and on the FTP Server.
- Portable storage medium (checked to be virus-free, e.g. USB Memory Stick)

REFERENCED DOCUMENTS:

- DD+DIS056.10E / No. 01 - NX 2.0.8600 / 3.0.8600 - Release of NX 2.0.8600 / 3.0.8600 (Intranet Link / Extranet Link)
- DD+DIS055.11E / Service Documentation, Chapter 7 Upgrade Installation - Installation Instruction for Upgrade from earlier NX Versions (Intranet Link / Extranet Link)
- DR XRDI Service Manual, DD+DIS072.09E (Intranet Link / Extranet Link)

3 Instructions

3.1 Installation of NX Workstation 2.0.8600 / 3.0.8600

REQUIRED TIME:
Approximately 5 hours

(1) Install the NX software version 2.0.8600 / 3.0.8600.

For more information refer to the NX Service Documentation, Chapter 7 Upgrade Installation, as listed in section 2 - Referenced Documents.

After installation of the NX software version 2.0.8600 / 3.0.8600 install the XRDI software version 10.1; see section 3.2.

3.2 Installation of XRDI 10.1

REQUIRED TIME:
Approximately 20 minutes

IMPORTANT:
Do **not** remove the previous XRDI software version manually before starting with the upgrade installation.

(1) Update the required license file (*.alf) otherwise the XRDI software cannot be installed.

✓ **NOTE:**
For further information concerning obtaining or creating the ALF (Application License File), refer to the Licensing Service Manual DD+DIS012.06E (Intranet Link / Extranet Link).

IMPORTANT:

During installation of the licenses for XRDI software version 10.1 a warning will appear that that the current installed version does not match with the license file.
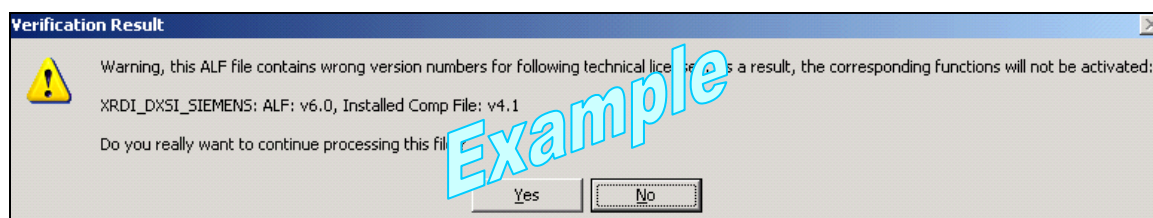

Figure 1

(2)   Click **<Yes>** to continue the installation.

NOTE:

Following possibilities exist to install the XRDI software:

- For a manual installation of the XRDI software; perform step (3) to (6).
- For an alternative installation via NX; perform step (7) to (8).

(3)   Stop the NX application before installing the XRDI Software version 10.1.
       Go to: **Start → Agfa → NX → Stop NX**

(4)   Install the XRDI software version 10.1 as described in the XRDI Service Manual; see referenced documents in section 2.

(5)   After installation restart the NX application via:
       Start → Agfa → NX → Restart NX Completely

(6)   Go to **Start → Settings → Control Panel → Add or Remove Programs** and verify that the installed XRDI software version is: **10.1.005**

       After a successful installation refer to section 4 - Verification.

(7)   Put the XRDI **.exe** file in the folder **C:\ → Agfa → Healthcare → NX → Installers → XRDI** before running the NX upgrade.

       NOTE:
       During the NX workstation upgrade, the XRDI 10.1 software will be picked up by the upgrade process.

(8)   Make sure that the XRDI software is selected as shown in Figure 2.
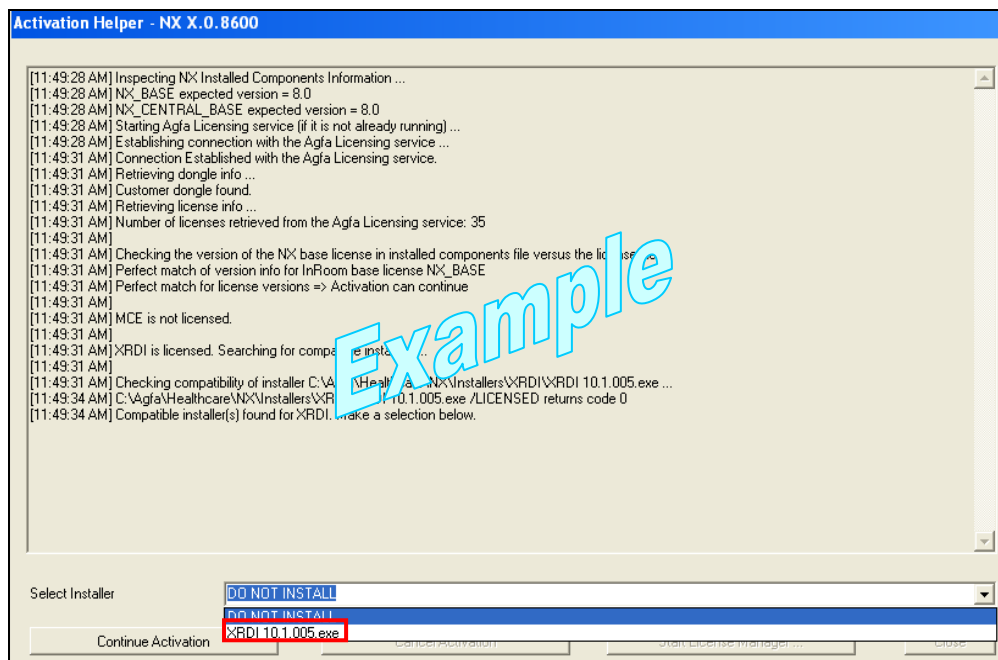

Figure 2

After a successful installation refer to section 4 - Verification.

4   Verification

The verification of the correct functionality of the installed DX-D 100 system in combination with NX Workstation version 2.0.8600 / 3.0.8600 is carried out by performing the following Acceptance Tests procedures:

- On system level: DX-D 100 System Acceptance Test
- On component level:
  - o   X-ray Modality Acceptance Test procedure
  - o   NX workstation Acceptance Test procedure
  - o   DR Detector

5   Keywords

- DX-D 100 system 1.0
- NX 2.0.8600 / 3.0.8600
- XRDI 10.1
- Upgrade Procedure

6   Version History

Version	Change	Date
1.0	Initial Version	09-2011

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