

Service Information Bulletin

This Bulletin is for information only.

Release of wired DX-D 60 Detector

Task

Timing		Category	
<input checked="" type="radio"/>	Next service	<input type="radio"/>	Apply at all sites
		<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:

70643746 *

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

Purpose of this document:

This document announces the release of the wired DX-D 60 detector and VDI detector software with version 3.4 for installations where WiFi is not allowed.

Affected sites:

DX-D 100 and DX-D 400 modalities to be sold to US Navy since WiFi is not allowed in the US Navy ships.

1 Introduction/purpose

DX-D 60 detector

The wired DX-D 60 detector is released for DX-D 100 and DX-D 400.

VDI 3.4

The VDI detector software with version 3.4 is released.

The software is compatible with Windows 7 and Windows 10 and introduces a new feature:

Image transfer via cable, for example to support installations where WiFi is not allowed.

So far it was possible to connect a DX-D detector via cable to the System Control Unit (SCU) to power the detector, but communication via cable was not possible. The network connection still had to be established via WiFi.

VDI 3.4 enables network communication between NX Workstation and detector via cable, so neither batteries nor WiFi is needed anymore.



NOTE:

When using VDI 3.4, the “Wireless only” setting in the Vivix Tool has always to be set to **OFF**. **No** rooms may be configured for sharing tool.

For further information about operation modes and configuration refer to the DX-D 40 / DX-D 45 / DX-D 60 - Service Manual, Document ID [45016244](#).



NOTE:

The VDI 3.4 software requires the installation of NX 22.00 (or later).

For details about NX 22.00, refer to the NX 3.0.22.00 / NX 4.0.22.00 Announcement Bulletin, Document ID [68532934](#).

Detector firmware upgrades

New firmware for DX-D 60 detectors is available. It is recommended to install the new firmware together with VDI 3.4.

The new detector firmware for DX-D 60 is the solution for a Problem Record that affects the Automated Exposure Detection (AED) mode, which is used in DR Retrofit only. *

The new firmware is compatible with VDI 3.3 and VDI 3.4.

* For details about DR Retrofit System with VDI 3.4, refer to SB091 - Detector software VDI 3.4 and firmware for DX-D 40/45/60 detectors released, Document ID [68224333](#).

Firmware	Old firmware versions compatible with VDI 3.3 and VDI 3.4	New firmware versions compatible with VDI 3.3 and VDI 3.4
DX-D 60 firmware	v1.0.1.41	v1.0.1.44

** The DX-D 60 detector versions can be identified at its rear bezel. Refer to DX-D 40 / DX-D 45 / DX-D 60 - Service Manual, Document ID [45016244](#), section *Software release VDI Detector Software V3.2*.

2 Prerequisites



SOFTWARE:

Prerequisites:

- NX 22.00 (or later)

Download the following software/firmware from the Agfa Medimg Library.

- DX-D 60 C/G firmware v1.0.1.44, Document ID [68252139](#)



TOOLS:

USB flash drive (checked to be virus-free)



REFERENCED DOCUMENTS:

- DX-D 40 / DX-D 45 / DX-D 60 - Service Manual, Document ID [45016244](#)
- Service Quality Test - Instructions, Document ID [54513844](#)
- NX 3.0.22.00 / NX 4.0.22.00 - SB01 - Release of MUSICA Acquisition Workstation software NX 22.00, Document ID [68532934](#)
- DX-D/DR Retrofit System - SB091 - Detector software VDI 3.4 and firmware for DX-D 40/45/60 detectors released, Document ID [68224333](#)
- DX-D 400 - X-ray System - Service Manual, Document ID [31833723](#)



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

3.1 DX-D 100 specific tasks



REQUIRED TIME:

1 hour

- (1) Remove the column base cover.
- (2) Remove the front cover and the upper back cover.
- (3) Remove the SCU to connect the cable delivered with the detector.
- (4) Reintegrate the SCU.

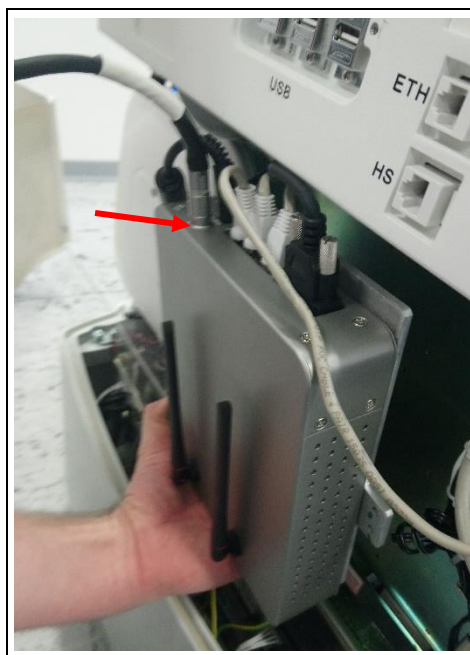


Figure 1

- (5) Route the cable through to the front part of the unit.
- (6) Fix the cable to the harnesses already available.



Figure 2

- (7) Pass the cable through the cable relief that is fixed with two screws to the bumper support.



Figure 3

- (8) Open the pre-cut part on the left side of the column base cover. The pre-cut part is marked on the inner side of the cover.



Figure 4

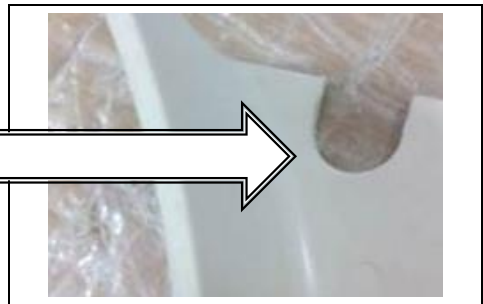


Figure 5

- (9) Mount the edge protection.

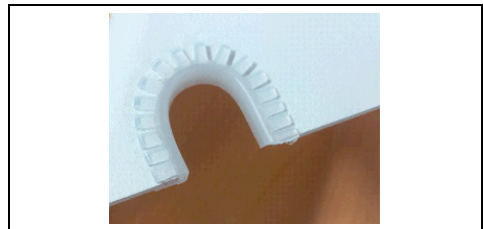


Figure 6

- (10) Remove the access point.
- (11) Reinstall all covers.

3.2 DX-D 400 specific tasks



REQUIRED TIME:

1 hour

- (1) Perform the Installation of the DX-D 60 detector as described in the DX-D 400 - X-ray System - Service Manual, Document ID [31833723](#)

3.3 General tasks

- (2) Install NX 22.00 (or later) as described in the Service Manual of the used NX version.
- (3) Install VDI 3.4 detector software as described in the Service Manual of the used NX version, chapter 7 and as described in the DX-D 40 / DX-D 45 / DX-D 60 - Service Manual, Document ID [45016244](#).
- (4) Install firmware as described in the DX-D 40 / DX-D 45 / DX-D 60 - Service Manual, Document ID [45016244](#).

4 Verification

- (1) Perform a DR workflow for each DX-D 60 detector in the system: For instructions refer to the Service Quality Test - Instructions, Document ID [54513844](#).

5 Keywords

Vieworks detector, SCUbox

6 Version history

Version	Change	Date
1.0	Initial Version	01-2020