Service Bulletin

Revised Information: Adapted Prerequisites

Recommendation to replace integrated PC of DX-D 100 / DX-D 100 Wireless

Task

Timing	Category		Scope
Next service as agreed with customer	○	**Apply at all sites**	**Problem Record: PR1403180001**
	◉	**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+DIS074.15E**	*
* Insert the document number into the field "Comment" (SMS form).		

IMPORTANT:

It is highly recommended to replace the PC in every affected unit that is listed in the appendix of this document.

Purpose of this document:

• This document announces the revised version of the integrated PC which will be released with version 6.0 of the DX-D 100 / DX-D 100 Wireless system.

• It lists the solutions and corrective action for the mentioned PR case.

• It lists the components and spare parts which have been introduced with DX-D 100 Wireless system version 6.0.

Affected serial numbers: Refer to appendix of this document.
The revised PC is integrated ex factory as of the following serial numbers:

• DX-D 100 Version 6.0 is delivered from serial number A5410001000 onwards.

• DX-D 100 Version Wireless 6.0 is delivered from serial number A5411001000 onwards.

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

This document contains specific information about new components of system version 6.0 of the DX-D 100 / DX-D 100 Wireless and the solved PR case.

✓ NOTE:

The Release of DX-D 100 / DX-D 100 wireless system version 6.0 is divided in 2 parts. First part is the release of the new integrated PC, which is announced with this document.

Second part will be released later with a vertical collapsible column, new crystal lead batteries and a new battery monitor board. This second part of system version 6.0 will be announced separately.

1.1 PR1403180001

Symptom   DX-D 100 / DX-D 100 wireless stopped working and smoke came out of the unit. Complete unit shuts down.

Cause   Defective motherboard of the integrated PC.

Solution   Replace the integrated PC with the newer, revised version. Refer to section 2 and 3 for order numbers and instructions. Refer to the appendix of this document for the affected units, at which it is highly recommended to replace the PC.

As of DX-D 100 / DX-D 100 Wireless V6 the revised PC is a component of the system.

1.2   New components
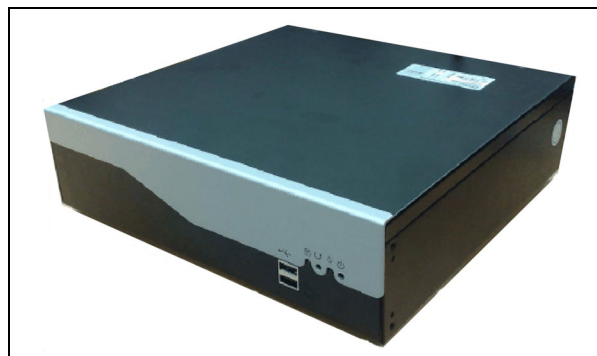
HARDWARE:

New integrated PC

Figure 1

Overview of the technical data of the new PC:

Parameter	Value / Comment
Dimensions:	280 mm x 77 mm x 268mm
CPU:	Intel Core™ i7-3610QE Processor
Display:	Chipset Intel® HD 4000 Integrated Graphics with VGA Connector. HDMI and DVI-D also available.
Operating System:	Windows 7 32bit
Memory:	8GB DDR3 1333, Dual Channel
Network Interface 1:	GigaBit-Ethernet (RJ-45) INTEL 82579, INTEL 82583V. Used for connection to the DR detector IO Box.
Network Interface 2:	GigaBit-Ethernet (RJ-45) INTEL 82579, INTEL 82583V. Used for connection to the DR detector IO Box.
Network Interface 3:	Sparklan WPEA-121N Wifi network card. Used for wireless connection to the local hospital network.
Hard disk drive:	500GB 2,5" SATAIII ST500LM000 Seagate
Serial ports:	2 serial ports (RS-232)
USB ports:	4 USB 3.0 ports (rear panel) 2 USB 2.0 (front panel)

2　　　Prerequisites

SPARE PARTS:
- New PC with order number SC+55001258-CVA for DX-D 100 and DX-D 100 Wireless
- EXPI9301CT PCIe network card with ABC Code 5TFTE "Intel Gigabit CT Desktop Adapter" (only needed when using a DX-D 10/20 detector)

NOTE for DX-D 100 (using DX-D 10 and DX-D 20 detectors):
The new network card EXPI9301CT is integrated in all DX-D 100 systems ex factory from serial number A5410001000 onwards. Only in case an old PC must be replaced by a new PC it is required to order the network card EXPI9301CT separately.

REFERENCED DOCUMENTS:
Direct Radiography > DX-D 100 > DX-D 100 V6 > Service Manual
Direct Radiography > DX-D 100 Wireless > DX-D 100 Wireless V6 > Service Manual
Direct Radiography > DX-D 100 > DX-D 100 V6 > Acceptance Test
Direct Radiography > DX-D 100 Wireless > DX-D 100 Wireless V6 > Acceptance Test

3　　　Instructions

3.1　　Replacing the PC

REQUIRED TIME:
Approximately 3 hours.

IMPORTANT:
- When replacing the PC it is always necessary to perform a clean installation!
- Before mounting the revised PC in the DX-D 100:
Mount the PCIe network card in the PCIe Slot of the PC.

(1)　Order the new PC.
(2)　Disconnect all cables from the old PC.
(3)　Replace the old PC with the new PC.
(4)　Connect all cables to the new PC.
(5)　Perform a clean installation as described in the Service Manual. Refer to the DX-D 100 / DX-D 100 Wireless Service Manual V6 - Section Repair
(6)　Send the old PC back to one of the offices on the following page. Choose the nearest responsible return center to your continent / country.

China
BEIJING Sedecal Medical Equipment CO. LTD. 104 Unit, No.1 building, No7 Rongchang East Street BEIJING 100176 Technological Development Area China Att: Nancy Li Email：Nancyli@sedecal.cn Wen Yu Email：wenyu@sedecal.cn Tel: 8610-6780 5988 Fax: 8610-6780 6188

USA
Sedecal USA is moving facilities in July. The address as of today. Sedecal USA 230 Lexington Drive Buffalo Grove, IL 60089 Attention: Anna Thompson and Sandie Sieger P 847-394-6960 ext. 128

Spain
SEDECAL Sociedad Espanola de Electromedicina y Calidad S.A. C/.Pelaya 9-13, Pol. Ind. Rio de Janeiro 28110 Algete (Madrid), Espana / Spain Tel.: (+34) 916 280 544 Fax.: (+34) 902 190 385

Europe except of spain
Agfa HealthCare NV Central Return Warehouseat Agfa-Gevaert HealthCare GmbH 86971 Peiting Seestrasse 2-8 Tel.: +49 8861 675 / 201-205 Fax: +49 8861 675 / 200

3.2   Creating a button to log off users directly out of the NX

✓ NOTE:
It is possible to create a batch script file which allows the user to easily log off the DX-D 100 system (Windows log off) by pressing a configurable button.

(1)   Restart the PC.
(2)   Login as **admin**.
(3)   Open the file manager.
(4)   Create a new file named **LogOff.bat** with a text editor.
(5)   Enter the following:
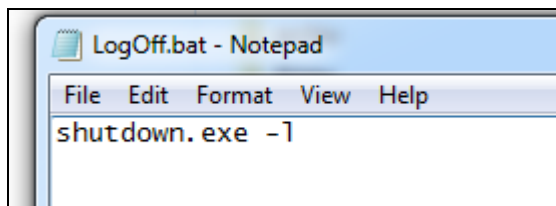shutdown.exe -l

Figure 2

(6)   Save the file as **LogOFF.bat**

✓ NOTE:
- The extension *.bat is important. Check that extension is not *.txt or anything like that.
- Remember folder where the file was saved.

(7)   Open the NX configuration tool.
(8)   Create a new button and assign the LogOff script to this button.
(9)   Restart the NX Software.
(10)   Perform a DR workflow.
(11)   Click on the button linked to the LogOff script.
(12)   Login as **admin** on the NX Workstation.
(13)   Perform a DR workflow.
(14)   Click on the button linked to the LogOff script.
(15)   Login as **non-admin** on the NX Workstation.
(16)   Perform a DR workflow.
(17)   Click on the button linked to the LogOff script.
(18)   Login as **non-admin** on the NX Workstation.
(19)   Perform a DR workflow.

3.3 Verification

Verification of the correct functionality of the installed system is carried out by performing the acceptance test procedures for the respective DX-D system.

Refer to the acceptance test procedures. See section 2, Referenced Documents in this bulletin.

4 Keywords

PC, smoke, burn

5 Version history

Version	Change	Date
1.0	Initial version	06-2015
1.1	Adapted section 2 Prerequisites	07-2015

6 Appendix

✓ NOTE:
This appendix contains the list of affected serial numbers where it is highly recommended to replace the original PC with new revised PC.

PC SERIAL NUMBER	AGFA SERIAL NUMBER
0811AC00102	A5410000066
0811AC00050	A5410000067
0811AC00034	A5410000068
0811AC00035	A5410000069
0811AC00036	A5410000070
0811AC00106	A5410000071
0811AC00109	A5410000072
0811AC00033	A5410000073
0811AC00088	A5410000078
0811AC00089	A5410000079
0811AC00013	A5411000181
0811AC00064	A5411000182

PC SERIAL NUMBER	AGFA SERIAL NUMBER
0811AC00017	A5411000184
0811AC00084	A5411000186
0811AC00082	A5411000189
0811AC00123	A5411000190
0811AC00122	A5411000191
0811AC00078	A5411000193
0811AC00030	A5411000194
0811AC00137	A5411000195
0811AC00138	A5411000196
0811AC00085	A5411000197
0811AC00103	A5411000199
0811AC00022	A5411000200
0811AC00039	A5411000201
0811AC00038	A5411000202
0811AC00048	A5411000203
0811AC00107	A5411000204
0811AC00108	A5411000205
0811AC00058	A5411000206
0811AC00127	A5411000207
0811AC00147	A5411000215
0811AC00145	A5411000216
0811AC00141	A5411000220
0811AC00140	A5411000221
0315AC00004	A5411000213
0315AC00006	A5411000218
0315AC00007	A5410000076
0315AC00009	A5411000214
0315AC00010	A5411000224
0315AC00011	A5411000223
0315AC00012	A5411000225
0315AC00013	A5411000212
0315AC00015	A5410000074
0315AC00017	A5411000222
0315AC00021	A5411000211

PC SERIAL NUMBER	AGFA SERIAL NUMBER
0315AC00035	A5411000250
0315AC00040	A5410000077
0315AC00045	A5411000210
0315AC00059	A5410000088
0315AC00064	A5410000075
0315AC00065	A5411000226
0315AC00072	A5410000081
0315AC00073	A5411000237
0315AC00088	A5411000249
0315AC00082	A5411000229
0315AC00090	A5411000247
0315AC00097	A5410000080
0315AC00100	A5411000240
0811AC00017	SPARE PART

(*) Equipment initially manufactured with PC 0309AB00288

Details as of PDF Creation Date

Document Metadata

Title:	DX-D 100 - Service Bulletin No. 66 - WITHDRAWN until further notice - Recommendation to replace integrated PC
Livelink ID:	49525756
Version#:	11
Version Date:	2015-07-03 11:26 AM CET
Status:	Approved on 2015-07-03 01:42 PM CET
Owner:	Carsten Bockel (awyuq)
Created By:	Carsten Bockel (awyuq)
Created Date:	2015-04-17 01:42 PM CET
PDF Creation Date:	2015-07-03 01:43 PM CET

This document was approved by:

Signatures:

1. Josef Wagner (agwj) on 2015-07-03 01:23 PM CET
2. Paul Merckx (amdag) on 2015-07-03 12:18 PM CET
3. Bart Biesemans (amajm) on 2015-07-03 12:00 PM CET
4. Lieven Lauwers (awibr) on 2015-07-03 11:39 AM CET

Detailed Approver History:

- **Approval Workflow started on 2015-07-03 11:32 AM CET**
  - Approval task originally assigned to and completed by Paul Merckx (amdag) on 2015-07-03 12:18 PM CET
  - Approval task originally assigned to and completed by Bart Biesemans (amajm) on 2015-07-03 12:00 PM CET
  - Approval task originally assigned to and completed by Josef Wagner (agwj) on 2015-07-03 01:23 PM CET
  - Approval task originally assigned to and completed by Lieven Lauwers (awibr) on 2015-07-03 11:39 AM CET

Version & Status History

Version#	Date Created	Status

11	2015-07-03 11:26 AM CET	Approved - 2015-07-03
10	2015-07-03 11:26 AM CET	
9	2015-06-19 02:16 PM CET	Published - 2015-07-02 Published - 2015-06-30 Approved - 2015-06-22
8	2015-06-19 02:16 PM CET	
7	2015-06-19 09:52 AM CET	Reviewed - 2015-06-19
6	2015-06-19 09:52 AM CET	
5	2015-06-12 03:32 PM CET	Reviewed - 2015-06-19
4	2015-05-13 02:32 PM CET	
3	2015-05-11 01:52 PM CET	
2	2015-04-17 02:00 PM CET	Reviewed - 2015-05-11

Applied Categories and Attributes:

Agfa Healthcare Library (Obsolete)	
Document Type:	Service Bulletin
Category > SubCategory > Item:	Direct Radiography > DX-D 100 > DX-D 100 Generic
Content Manager:	Josef Wagner (agwj)
Summary:	
Language:	English
Availability:	Extranet
Language Master Document:	
Obsolete Text:	This document has been withdrawn until further notice.