

## Service Information Bulletin

This Bulletin is for information only.

### System version overview 4.0 to 4.5.1

Task			
Timing		Category	
Next service	<input type="radio"/>	Apply at all sites	
	<input type="radio"/>	Apply at affected sites as listed below	
	<input checked="" type="radio"/>	Optional to improve functionality of product	

Purpose of this document:

- Since release of system version 4, several system upgrades have been released.
- This document gives an overview of all current system versions.

## 1 Introduction/purpose

As the service documentation is provided system version specific, it is important to know the system version of a system to be repaired or maintained.

Rule of thumb:

- The major system version is increased (e.g. V3 to V4) if main new features are introduced.
- The minor system version is increased (e.g. V4.0 to V4.1) if bugfixes or minor improvements are released. In most cases this involves software changes, but can also be hardware changes only.

This document contains an overview table that helps to identify the system.

The table lists the component software versions of the released DX-D system versions.

More detailed information about system versions can be found in the *Release Information* section of the DX-D 100 / 100 Wireless Service Manual.

## 2 Prerequisites



### REFERENCED DOCUMENTS:

- Service Bulletins  
Download from the Agfa HealthCare Library:  
**Direct Radiography > DX-D 100 > DX-D 100 Generic > Service Bulletin**  
**Direct Radiography > DX-D 100 Wireless > DX-D 100 Wireless Generic > Service Bulletin**
- DX-D 100 V4 - Service Manual, Document ID 41836718  
DX-D 100 Wireless V4 - Service Manual, Document ID 41681415  
Download from the Agfa HealthCare Library:  
**Direct Radiography > DX-D 100 > DX-D 100 V4 > Service Manual**  
**Direct Radiography > DX-D 100 Wireless > DX-D 100 Wireless V4 > Service Manual**

### 3 Instructions

**NOTE:**

The versions of all items marked in blue in the following table can be looked up in the NX.

**How to recognize a system version on the NX:**

- (1) On the NX, go to: **START > Agfa > NX > Service > About NX**
- (2) Compare this output (e.g. XREDI 15, Softconsole 5.2) to the following table to identify the version of your system.

**How to recognize other software versions:**

Verify firmware versions by checking the sticker attached to the respective component.

Example: The generator firmware version can be found on the stickers on the generator EEPROMS.

For

- Sedecal TechServ
- the DR Service Toolbox components

go to

**Start > Settings > Control Panel > Add or to Remove Programs**  
and verify the installed software version.

### 3.1 Software overview DX-D 100 / DX-D 100 Wireless version 4.0 to version 4.5.1

Changes are highlighted:

Components	Released versions of DX-D 100 / DX-D 100 Wireless V4										
	4.0	4.0.10	4.1	4.1.1	4.2	4.3	4.3.10	4.4	4.4.1	4.5	4.5.1
<b>NX Workstation</b>	NX8700 SU1	NX8700 SU1	NX8800	NX8800	NX8800	NX8800	NX8800	NX8800	NX8800	NX8800 SU1	NX8800 SU1
<b>XRDI</b>	14	15	15	15	15	15	15	15	15	15	15
<b>Varian Detector Software VRN</b>	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3
<b>Canon Detector Software CDI <sup>1)</sup></b>	3.0	3.1	3.1	3.1	3.1	3.1	3.1	3.2	3.2	3.2	3.2
<b>Sedecal SoftConsole</b>	5.1	5.2	5.2	5.2	5.2	5.2	5.2	5.3	5.3	5.3	5.3
<b>Agfa Softconsole ASC</b>	-	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.1	1.1	1.1
<b>Sedecal TechServ</b>	6.14	6.14	6.14	6.14	6.14	6.14	6.14	6.14	6.15	6.15	6.15
<b>DR Service Toolbox <sup>2)</sup></b>	-	-	-	-	-	-	-	-	-	-	-
<b>Generator firmware ATP Console</b>	V7R1b62	V7R1b62	V7R1b62	V7R1b62	V7R1b62	V7R1b62	V7R1b62	V7R1b73	V7R1b73	V7R1b73	V7R1b73
<b>Generator firmware HT controller</b>	V5R8.6	V5R8.8b	V5R8.8b	V5R8.8b	V5R8.8b	V5R8.8b	V5R8.8b	V5R8b9	V5R8b9	V5R8b9	V5R8b9
<b>Motion Control Board firmware</b>	V5R1b5	V5R1b5	V5R6b0	V5R6b0	V5R6b0	V11R2b6	V11R2b6	V11R2b6	V11R2b6	V11R2b6	V11R2b6
<b>Sparklan Driver RT2870</b>	3.2.1.0	3.2.1.0	3.2.1.0	3.2.1.0	3.2.1.0	3.2.1.0	3.2.1.0	3.2.1.0	3.2.1.0	3.2.1.0	3.2.1.0
<b>Hardware</b> for details refer to section 3.2		-	-	see section 3.2.1	see section 3.2.2	see section 3.2.3	see section 3.2.4	-	-	see section 3.2.5	see section 3.2.6

<sup>1)</sup> DX-D 100 Wireless only

<sup>2)</sup> Update does not trigger a new system version. The latest version can be used on all versions.

## 3.2 New or modified hardware components

### 3.2.1 New hardware components of version 4.1.1

With this release no new software components are affected. A new SFDA label for China is introduced in production. No field service action required.

### 3.2.2 New hardware components of version 4.2

With this release no new software components are affected. The following hardware changes have been introduced:

- Lateral Bumper, with improved material
- Handswitch including handswitch support, with improved cable
- Cable reel for USA, with changed design
- Front wheel, equipped with an anti-dust cover

For details refer to *DX-D 100 - Service Bulletin No. 29 - Release of DX-D 100 / 100 Wireless System Version 4.2*, Document ID: 41271445

### 3.2.3 New hardware components of version 4.3

With this release no new software components are affected, except the DR service toolbox is upgraded to version 2.0. The following hardware changes have been introduced:

- A new DMC board has been installed. For the digital motion control board the following kit is applicable:
  - SC+A521079-01                      Digital motion control upgrade kit revision H + firmware V11R2b6
- Nuts are added to the Battery tray upgrade kit (SC+A521050-01).
- For the micro switches the following parts are applicable:
  - SC+A520119-01                      Micro switch inside left handle 2
  - SC+A520120-01                      Micro switch inside right handle 2
- For the exposure switch the following part is applicable:
  - SC+A6805-08C                      Exposure button Rev C.
- For the parking lock switch the following parts are applicable:
  - SC+A520096-03                      PARKING DEVICE KIT 2
  - SC+A520438-01                      Upper part parking lock
- New spare part available:
  - SC+A521080-01                      Handle Bar Caps Kit (10 pieces)

- Introduction of DX-D100 / 100 Wireless with reduced column height (only applicable for the USA).  
DX-D 100 / 100 Wireless solutions with reduced column height of 172 cm are required for use in Navy ships. New spare parts for short column (172 cm) and for long column (196 cm, 185 cm) are available.
- Introduction of new grids (only applicable for DX-D 100 Wireless).  
New grids for use with the gridlines oriented in the "short" direction have been introduced for the DX-D 30. Product name: DX-D 30 SD. ABC Code: 5X396

For details refer to *DX-D 100 - Service Bulletin No. 34 - Release of DX-D 100 / 100 Wireless System Version 4.3*, Document ID: 42625401

### 3.2.4 New hardware components of version 4.3.10

The following hardware changes have been introduced:

- SC+1951801003 Electrostatic wheels are available as option
- The EPROM 24C16 installed in HT controller PCB (Generators) and Tomo table control PCB (Millennium table) has become obsolete and is replaced by a small PCB. The existing installed base of devices does not need to be updated.
- X-Ray charger boards and Motor charger boards have been improved. Revision changed from D to E, fully compatible with previous versions. The existing installed base of devices does only need to be updated in case of an issue.
- To improve the electrostatic discharge the current strap for discharging the equipment can be replaced by a metallic arrestor, fixed with an iron bracket and bolts:
  - SC+A7993-01 Arrestor Strap Kit
- An improved Remote Control Holder is available:
  - SC+19129-01 Remote Control Holder
- Stainless steel hubs are introduced for protection of the wheels:
  - SC+A521082-01 Hubcap Kit
- Improved Power cord reels are available:
  - SC+A521068-01 USA, SC+A521068-02 CHINA, SC+A521068-03 UK, SC+A521068-04 EU

For details refer to *DX-D 100 - Service Bulletin No. 37 - REVISED - Announcement of DX-D 100/100 Wireless Version 4.3.10*, Document ID 43093231

### 3.2.5 New hardware components of version 4.5

In addition to the software upgrade to NX x.0.8800 SU1 the following improved parts are introduced in production.

- ATP console A3024-121 T is replaced by A3024-121 U  
The spare part has been updated accordingly:  
SC+A3024-121U      ATP console CPU PCB Revision U
- Gauge protections  
Mechanical protections (left and right) have been developed to protect the gauges against deformation caused by rough handling, hits against the handle, etc.  
No spare part or upgrade kit is available, only introduced in production.



Figure 1: Gauge protection unmounted

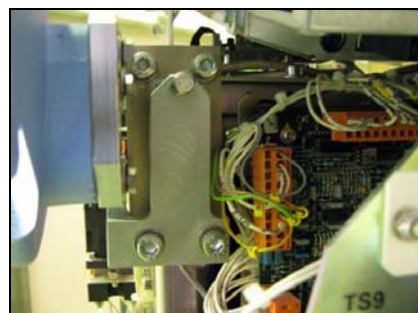


Figure 2: Gauge protection mounted

### 3.2.6 New hardware components of version 4.5.1

A new LED for Ralco collimators is introduced in production. The LED is compatible to previous version.

The following spare parts are affected:

- Spare part SC+A525157-01 is replaced by SC+A525343-01 (Power LED)
- Spare part SC+A525159-01 is replaced by SC+A525344-01 (GC-LED-Board)

### 3.3 Software upgrades

Follow the instructions in the respective Service Bulletins.

The upgrading instructions always indicate the software versions from which to upgrade to the latest version.

## 4 Verification

Not applicable

## 5 Keywords

Software version, version overview, system versioning

## 6 Version history

Version	Change	Date
1.0	Initial Version	06-2014