

<b>DX-D 100</b>	Type 5410	No.47
<b>DX-D 300</b>	Type 8207	No.47
<b>DX-D 400</b>	Type 5420	No.17
<b>DX-D 500</b>	-	No.33
<b>DX-D 600</b>	Type 5430	No.37
<b>DX-D Retrofit System</b>	Type 5400	No.17
<b>NX2.0.8800 – 3.0.8800</b>	Type 4406/303	No.09

DD+DIS056.14E

## Service Information Bulletin

This Bulletin is for information only.

## Release of CR/DR Service Toolbox 3.0

Task	
Timing	Category
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:

DD+DIS056.14E

\*

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

Purpose of this document:

- It announces the release of version 3.0 of the DR Service Toolbox and its components.
- It contains information about changes in the components of the DR Service Toolbox.
- It informs the field that with version 3.0, the former DR Service Toolbox is re-named CR/DR Service Toolbox.
- It contains details about the NX Logging Viewer

Affected NX serial numbers: The CR/DR Service Toolbox 3.0 is compatible with NX version 2.0.8800 – 3.0.8800 and all older versions.

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Release date: 05-2014 DX-D 100, DX-D 300, DX-D 400, DX-D 500  
DX-D 600, DX-D Retrofit System, NX 2.0.8800 – 3.0.8800

# 1 Introduction/purpose

From version 3.0 onwards, the following changes apply for the DR Service Tool Box:

- It is also used in a CR environment.
- As a result, the 'DR Service Tool Box' will be re-named 'CR/DR Service Tool Box'
- It includes the CX.Log.Viewer tool.
  - The CX.Log.Viewer tool can now also be used in environments outside of the NX, e.g. on the service PC.
- The toolbox installer now also includes a tool selection screen.

Additionally, the CR/DR Service Tool Box includes updated versions of the DRInstallationChecker, the AgfaDefectPixelTool, and the MSE Autoconfigurator with some new features.

## 1.1 Changes in comparison to DR Service Toolbox version 2.0

- **DRInstallationChecker** (version 1.1):
  - Error message logging has been improved by adding a new message to the list of errors.
  - Sporadic errors when pressing *Start check* a second time.
- **AgfaDefectPixelTool** (ADPT version 2.0):
  - The algorithm for calculating the Defect Pixel map for a detector has been adapted to facilitate future detector solutions.
- **MSE Autoconfigurator** (MSEA version 1.1) tool has been updated for solving the following defects within V1.0.0.1:
  - 'No message when MSE Autoconfigurator is finished'

### New items:

- **CX.Log.Viewer V2.4**
- **Tool Selection Screen** during installation

For details of the new items and for working instructions, see section 3 of this document.

## 2 Prerequisites

### 2.1 Software Overview

Software	DR Service Toolbox Version 2.0	DR Service Toolbox Version 3.0
DRInstallationChecker	1.0.0200	1.1
AgfaDefectPixelTool	1.0.0100	2.0
MSE Autoconfigurator	1.0	1.1
CX.Log.Viewer	Not available	2.4



#### SOFTWARE:

**Direct Radiography > DX-D Detectors > DX-D 10/DX-D 20/DX-D Fixed**



#### TOOLS:

Portable storage medium (checked to be virus-free, e.g. USB Flash Drive)



#### REFERENCED DOCUMENTS:

Download the documents from the AGFA HealthCare Library:

- DD+DIS147.13E – DR Service Toolbox version 2.0 available  
Download the document from the Agfa HealthCare Library:  
**Direct Radiography > DX-D 100 > DX-D 100 Generic > Service Bulletin**
- DX-D 10 / DX-D 20 / DX-D Fixed Detector - Service Manual  
Download the document from the Agfa HealthCare Library  
**Direct Radiography > DR Detectors > DX-D 10/DX-D 20/DX-D Fixed > Service Manual**
- NX 2.0.8800 - 3.0.8800 - Service Manual for Download, chapter 4, Appendix
- NX 2.0.8800 - 3.0.8800 - Service Manual for Download, chapter 9, Troubleshooting  
**Computed Radiography > CR Workstation Software > NX 2.0.8800 - 3.0.8800 > Service Manual**



#### NOTE:

CR/DR Service Tool Box V3.0 is backwards-compatible with DR Service Tool Box V2.0.

### 3 Instructions



REQUIRED TIME:  
5 minutes

The CR/DR Service Toolbox contains four software items. See table below for details::

Tool	Purpose	Changes compared to Service Toolbox 2.0	Tool usage is described in:
CX.Log.Viewer	View NX logfiles offline	Not available in Service Toolbox 2.0	NX Service Manual chapter 9, Troubleshooting, section Fault Finding, Document ID 39101059
DRInstallationChecker	Checks Varian detector installation.	Minor improvement: Reference to relevant SIB in case of wrong separator in the regional settings for the NXWorkStationUser.	Varian Detector Service Manual, Document ID 41222172
AgfaDefectPixelTool	Detects defect pixel in Varian DR detectors.	Adapted to coming DR detectors	Varian Detector Service Manual, Document ID 41222172
MSE Autoconfigurator	A tool which automatically configures MSE (Microsoft Security Essentials) with correct folder and scanning options.	Confirmation when MSE autoconfiguration is finished.	NX Service Manual chapter 4 Appendix, Document ID 39100341

Installation of the DR Service Toolbox:

- (1) Stop NX.
- (2) Extract the .exe file from the zip file to PC (e.g. in **temp** folder).
- (3) Run **DR Service Toolbox\_3.0.0200.exe**
- (4) **Follow the instructions of the installation wizard:**

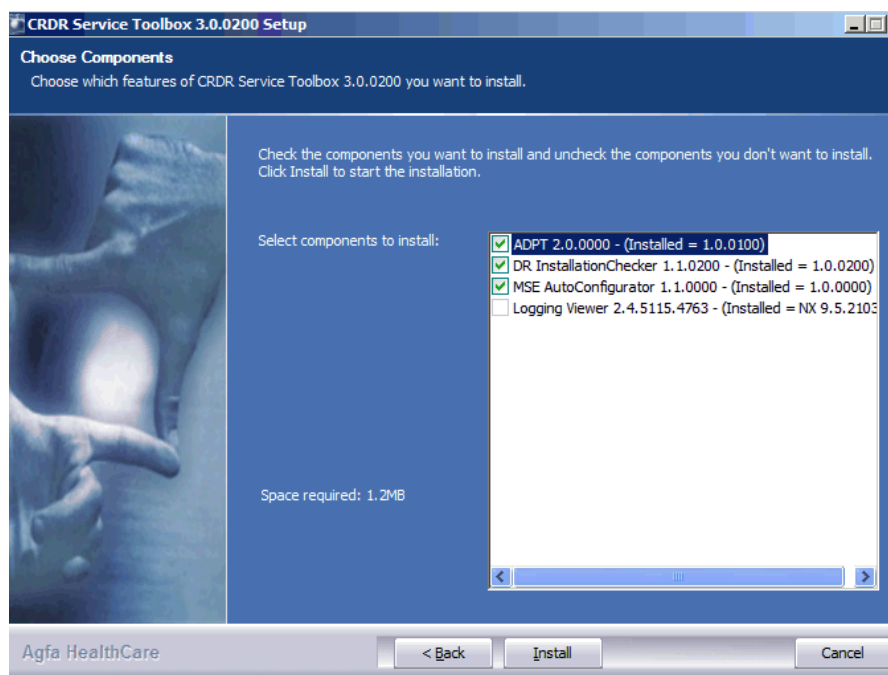


Figure 1 Installation wizard for installation on the NX

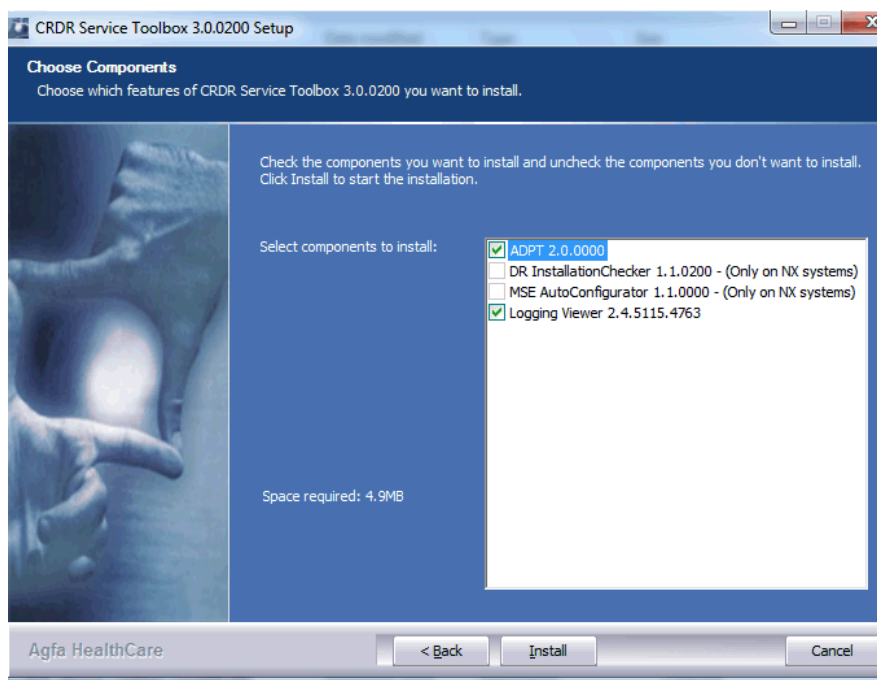


Figure 2 Installation wizard for installation on a local service PC

A shortcut for DRInstallationChecker, the AgfaDefectPixelTool(ADPT), the MSE Autoconfigurator and the CX Logging Viewer will be installed in:

**Start > Agfa > Service**

Depending on the system on which the toolbox is installed, some of the components will be disabled for installing:

Software	on NX	on other systems, e.g. Service PC
DRInstallationChecker	✓	Cannot be installed
AgfaDefectPixelTool	✓	✓
MSE Autoconfigurator	✓	Cannot be installed
CX.Log.Viewer V2.4	Already installed by default	✓

✓ = can be installed

### 3.1 DRInstallationChecker (version 1.1)

- (1) Start the DRInstallationChecker to perform the test.
- (2) If the tool detects any problems (indicated in red), correct them and run the tool again.

#### 3.1.1 Solution for error message issue

In version 1.0.0200 of the DRInstallationChecker, an error message has been adapted.

Original message:

ERROR The separators check for the NXWorkstationUser user: decimal = dot or thousands = dot, is NOT correct

The adapted message has been extended by the following: "For more info about separators check, see paragraph 3.2 of Service Bulletin: DD+DIS147.13E".

For details, refer to section 3.2 in SB *DX-D 100 - Service Bulletin No. 28 - DR Service Toolbox version 2.0 available*.

Refer to section 2, *Referenced Documents* in the present document.

### 3.2 AgfaDefectPixelTool (ADPT version 2.0)

For a detailed description of how to work with this tool, refer to section 3.3 in SB *DX-D 100 - Service Bulletin No. 28 - DR Service Toolbox version 2.0 available*.

Refer to section 2, *Referenced Documents* in the present document.

### 3.3 MSE Autoconfigurator (MSEA version 1.1)



**NOTE:**

- MSE Autoconfigurator must always be used after installation of any new NX or XRD software.
- The MSE Autoconfigurator does not work with other security suites.
- The MSE Autoconfigurator will automatically fill the “excluded processes list” and “excluded files and locations list” of Microsoft Security Essential with defined folders and files.

(1) Start the **MSE Autoconfigurator** from **Start > Agfa > Service**.

(2) Follow the instructions of the MSEA wizard. See figures 1 and 2.

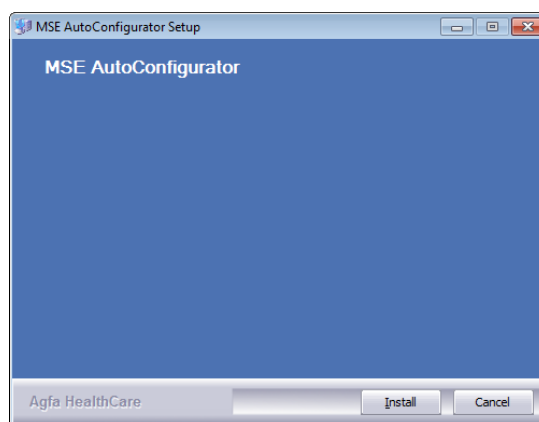


Figure 3

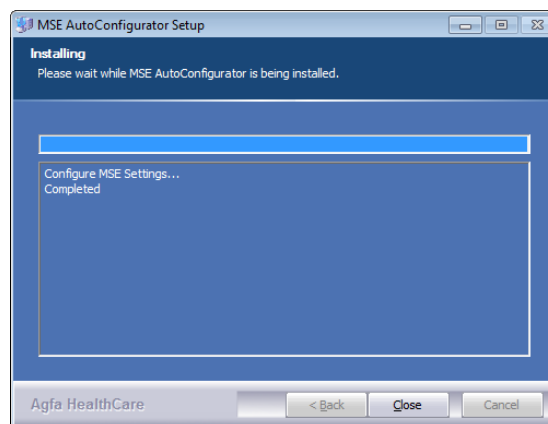


Figure 4

- (3) Open the Microsoft Security Essentials user interface.
- (4) Open the **Settings** tab.
- (5) Click on **Excluded files and locations**.
- (6) Check if the following folders are included:
  - C:\Agfa\Healthcare\NX\Configuration
  - C:\Agfa\Healthcare\NX\DataFiles
  - D:\Agfa\Healthcare\NX

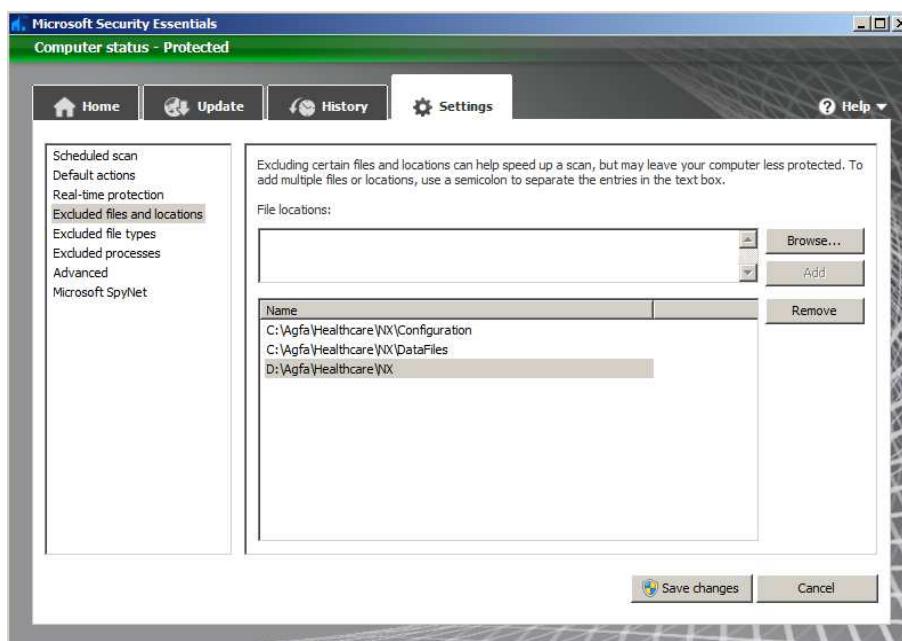


Figure 5



- (7) Click on **Excluded processes**.
- (8) Check if the list is filled.  
The MSEA checks all \*.exe files in defined directories and adds every file to that list.

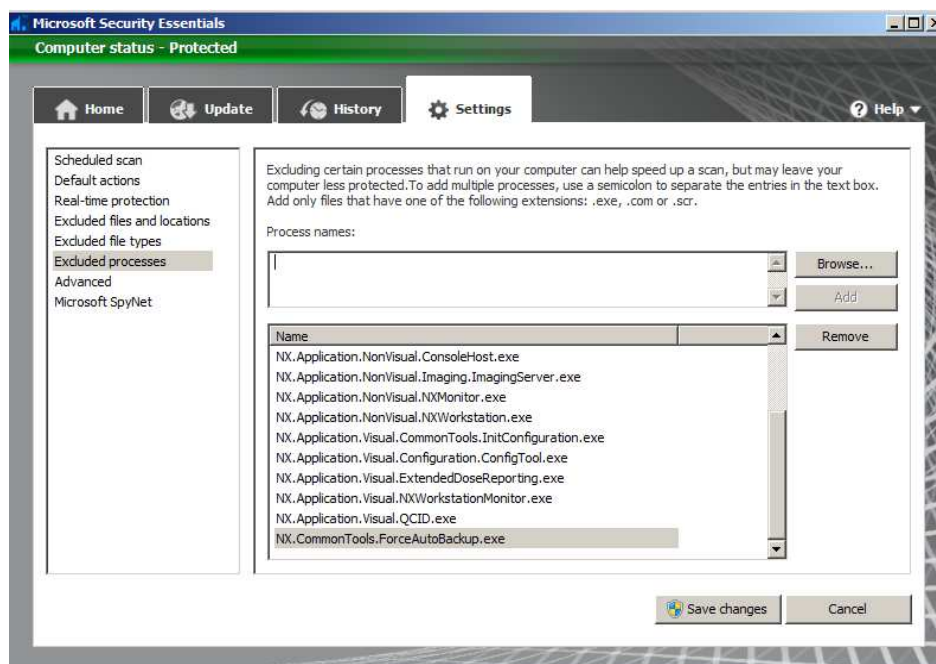


Figure 6

- (9) Open a file manager.
- (10) Open directory **C:\Agfa\Healthcare\XRDI\Service\Mse\_Exclusions**
- (11) Check if file **MSE AutoConfigurator.log** is available and can be opened.

If all the checks are successful, the MSEA configured the MSE correctly and it will not slow down the system anymore.

### 3.4 CX.Log.Viewer (version 2.4)

The CX.Log.Viewer already is a sub-component of the NX. It has been added to the CR/DR Service Toolbox so that it can be deployed and used outside by service in an environment outside of the NX.

The viewer can be installed on any PC.

### 3.4.1 Installation of the CX.Log.Viewer on the NX / on a service PC

**NOTE:**

The CR/DR Service Toolbox installation wizard makes a distinction between installation on the service PC or on the NX.

**NOTE:**

It is not possible to install the logging viewer on the NX for a second time.

## 4 Verification

Start one of the tools to see if it has been installed correctly.

## 5 Keywords

CR/DR Service Toolbox 3.0, CX.Log.Viewer (version 2.49, MSE Autoconfigurator (MSEA version 1.1), AgfaDefectPixelTool (ADPT version 2.0), DRInstallationChecker (version 1.1)

## 6 Version history

Version	Change	Date
1.0	Initial version	05-2014



## Details as of PDF Creation Date

### Document Metadata

<b>Title:</b>	DX-D 100 - Service Bulletin No. 48 - Release of DR Service Toolbox Version 3.0
<b>Livelink ID:</b>	45186624
<b>Version#:</b>	7
<b>Version Date:</b>	2014-05-28 01:52 PM CET
<b>Status:</b>	Approved on 2014-06-04 10:48 AM CET
<b>Owner:</b>	Beate Richter (axnwp)
<b>Created By:</b>	Beate Richter (axnwp)
<b>Created Date:</b>	2014-04-28 10:13 AM CET
<b>PDF Creation Date:</b>	2014-06-04 10:48 AM CET

**This document was approved by:**

### Signatures:

1. Josef Wagner (agwj) on 2014-05-28 02:44 PM CET
2. Paul Merckx (amdag) on 2014-05-28 02:27 PM CET
3. Bernard Schollaert (ammrn) on 2014-06-02 08:29 AM CET
4. Bart Biesemans (amajm) on 2014-05-30 11:14 AM CET
5. Dimitri Hofman (amfph) on 2014-06-02 04:49 PM CET
6. Lieven Lauwers (awibr) on 2014-06-04 10:40 AM CET
7. Rudolf Van Den Eynde (amdap) on 2014-06-04 09:27 AM CET

### Detailed Approver History:

- **Approval Workflow started on 2014-05-28 02:27 PM CET**
  - Approval task originally assigned to and completed by Rudolf Van Den Eynde (amdap) on 2014-06-04 09:27 AM CET
  - Approval task originally assigned to and completed by Josef Wagner (agwj) on 2014-05-28 02:44 PM CET
  - Approval task originally assigned to and completed by Paul Merckx (amdag) on 2014-05-28 02:27 PM CET
  - Approval task originally assigned to and completed by Lieven Lauwers (awibr) on 2014-06-04 10:40 AM CET
  - Approval task originally assigned to and completed by Dimitri Hofman (amfph) on 2014-06-02 04:49 PM CET
  - Approval task originally assigned to and completed by Bernard Schollaert

- (ammrn) on 2014-06-02 08:29 AM CET
- Approval task originally assigned to and completed by Bart Biesemans (amajm) on 2014-05-30 11:14 AM CET

#### Version & Status History

Version#	Date Created	Status
7	2014-05-28 01:52 PM CET	Approved - 2014-06-04
6	2014-05-28 01:51 PM CET	
5	2014-05-28 11:09 AM CET	Reviewed - 2014-05-28
4	2014-05-28 11:09 AM CET	
3	2014-05-08 01:19 PM CET	Reviewed - 2014-05-16
2	2014-05-07 03:37 PM CET	
1	2014-04-28 10:13 AM CET	