AGFA **Agfa**
HealthCare
Imaging Services

DX-D 100   Type 5410   No. 65
DX-D 100 Wireless   Type 5411   No. 60

DD+DIS009.15E

Service Information Bulletin

This Bulletin is for information only.

Release of new Sparklan Driver to support EAP

Task

Timing		Category
Next service	○	**Apply at all sites**
	◉	**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+DIS009.15E	*
* Insert the document number into the field "Comment" (SMS form).		

Purpose of this document:

- This document informs the field that a new Sparklan driver is available.
- The new Sparklan driver version will support Extensible Authentication Protocol (EAP) authentication in WiFi networks.
- This document provides download information for the driver.

Affected serial number(s) / batch:

1 Introduction/purpose

Symptom EAP authentication for WiFi networks is not possible at all hospital sites where DX-D 100 / 100 Wireless is used.

Cause EAP authentication is not supported by the current Sparklan driver.

Solution Install the new Sparklan driver as described in section 3.

NOTE:
The new driver only the supports IEEE 802.11g and IEEE 802.11n protocols (2.4GHz & 5GHz).
It does not support IEEE 802.11**b**.

2 Prerequisites

IMPORTANT:
Configuration of the EAP authentication protocol depends on the site infrastructure.
The local IT manager needs to be consulted before installation of the firmware.

SOFTWARE:
Download the Mediatek wireless utility from the Agfa HealthCare Library. It includes the Sparklan driver RT2870 V 5.1.17.0:
Direct Radiography > DX-D 100 Wireless > DX-D 100 Wireless Generic > Software

TOOLS:
Standard service engineers' tool kit
Flash storage device for storing the Sparklan Driver RT2870 V 5.1.17.0

3   Instructions

REQUIRED TIME:

Approx. 30 minutes:

- Approx. 10 minutes installation of the driver
- Approx. 20 minutes verification

Install the driver for the SparkLAN WUBR-507N WiFi network card as described in the following steps:

(1)   Stop NX.

(2)   Insert the Flash drive medium at USB port of the built-in NX PC. The port is situated at the Peripheral Connections Panel. See red mark in figure 1.

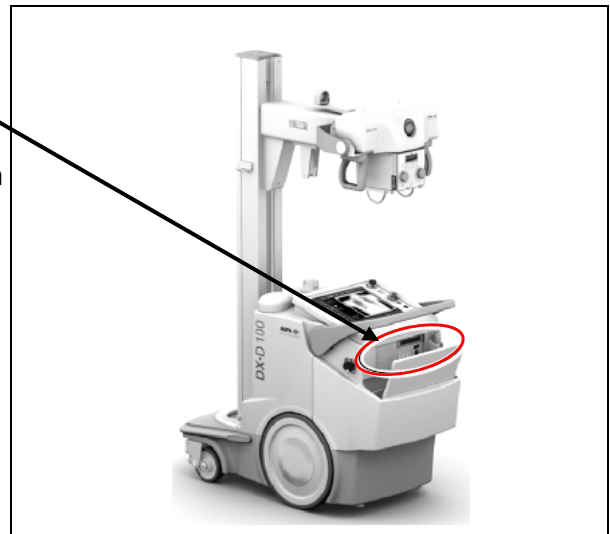(3)   Select the Mediatek wireless utility from the Flash drive.

Figure 1

(4)   Double-click the exe inside:
IS_Setup_ICS_081414_1.5.38.101.exe
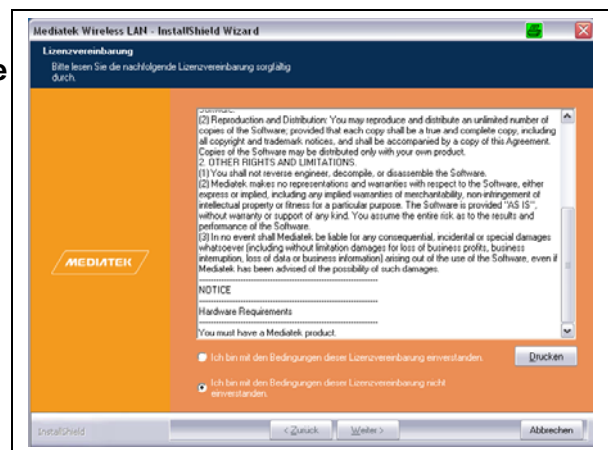
The screen shown in figure 1 appears:

Figure 2

(5)   Accept the conditions of the license agreement. See blue frame in figure on the right.
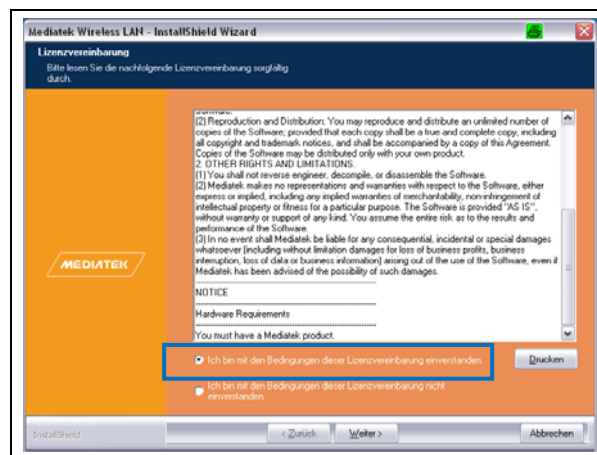

Figure 3

(6)   Click **Next**

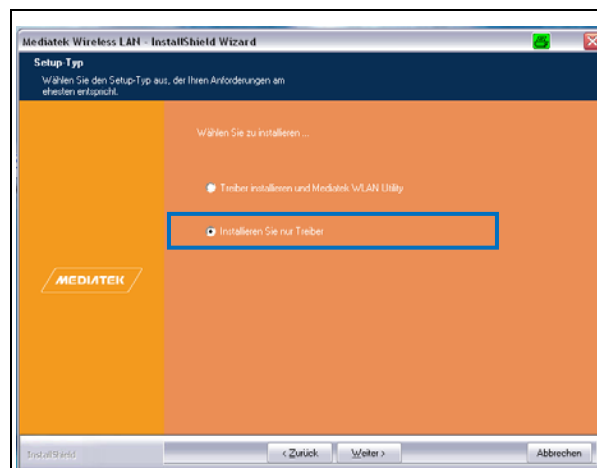(7)   Select **install driver only**. See blue frame in figure on the right.

Figure 4

(8)   Click **Next**.

(9)   Click **Install**.

(10) Install the driver.

(11) Reboot NX.

4 Verification

Check if the IEEE802.11g and the IEEE802.11n protocols are supported after installation of the new driver.
Check if the connection to the hospital network is working.

5 Keywords

WiFi, EAP, IEEE802.11n protocol, IEEE802.11g protocol, Sparklan, driver

6 Version history

Version	Change	Date
1.0	Initial version	02-2015