



Dealer4 Firmware Update Instruction 1v2.

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Version Information:

Version 1.2 - issued 01.04.2012 – updated installation instructions to software version 4.40

1 General Information

The Dealer4 firmware is software which is located inside the machine and it is responsible for machine control and card recognition. The firmware is frequently changed – new functions are added, bugs are discovered and corrected and existing functionality improved. Card recognition procedures are especially improved to allow the use of most of the available cards in the world.

It is very important to keep firmware up to date to ensure reliable Dealer4 operation.

New updates are published on the manufacturer website www.dealer4.com and are also available on the distributor's websites.



Screenshots in these instructions were taken on Windows XP. For Windows Vista and 7 they may have different visual appearances but whole update process will be similar.



These instructions are written for PC software version 4.40. Earlier versions do not allow automatic updates and the screenshots may look different. However manual update procedures will be the same.

Current version of the firmware can be obtained from “Maintenance” screen of the Dealer4 PC software:

The screenshot shows the 'Dealer Maintenance' software interface. The 'Firmware version' field is circled in red. The interface includes various settings for the machine, such as Serial number, Boards dealt, Manufacture date, Hardware ID, Download ID, USB ID, Flash ID, USB Drivers, and DLL version. There are also buttons for 'Download New Firmware' and 'Create Service File'. The interface is divided into several sections, including 'Card Index', 'Frame', 'Symbol size', 'Suit size', 'Motors on', 'Gate', 'Camera LEDs', 'Camera Power', 'Front Green LED', 'Front Red LED', 'Temperature', 'Supply voltage', 'National', 'Card Type', 'Card Font', and 'Test' parameters.

Field	Value
Serial number	4500
Boards dealt	5748
Manufacture date	23/12/2010
Hardware ID	31
Download ID	38
USB ID	0500
Flash ID	191
USB Drivers	3.3.0.0
DLL version	3.1.0.0
Firmware version	02.76

Section	Field	Value
Frame	Position X	208
	Position Y	100
Symbol size	Min X	24
	Max X	60
Suit size	Min X	20
	Max X	64

Section	Field	Value
Motors on	Motor 4	0
	Motor 3	0
Gate	Gate 1	0
	Gate 2	0
Camera LEDs	Front Switch	OFF
	Board Switch	ON
Temperature	Temperature	21.8
	Supply voltage	19.2

2 Automatic update.

2.1 Update from the website.

Latest version of the Firmware is located on www.dealer4.com/firmware.htm

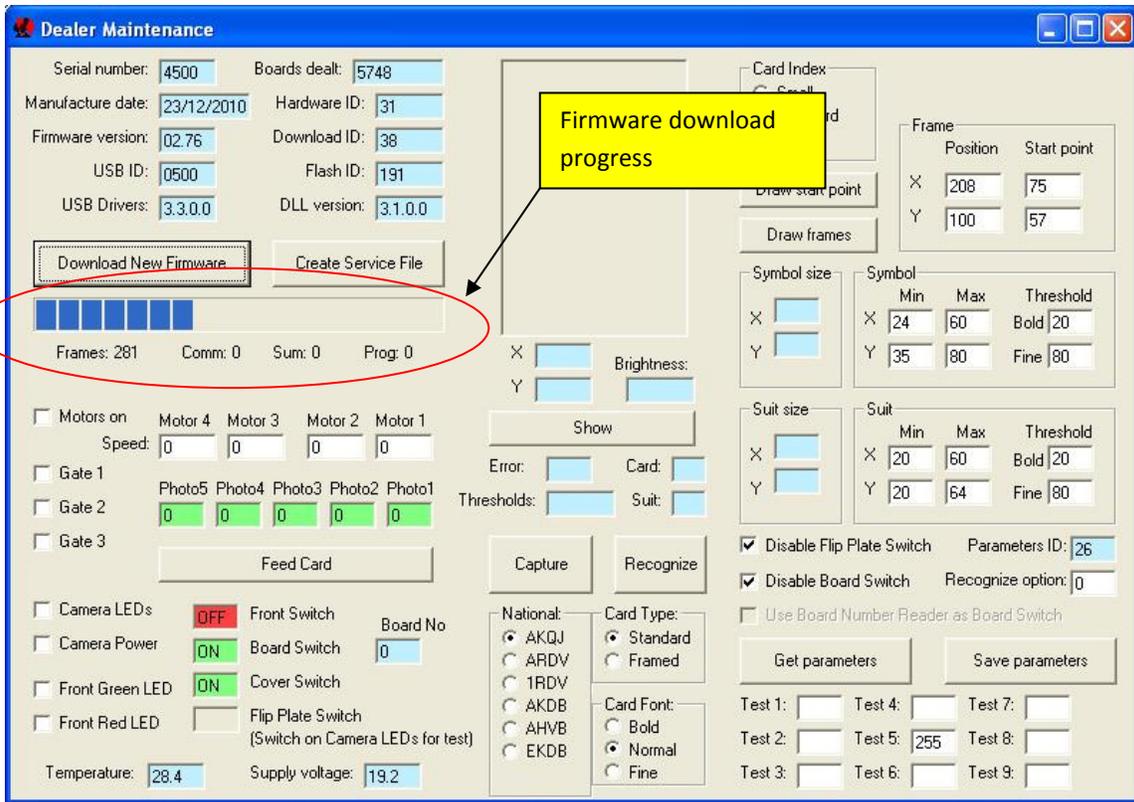
This page can be also accessed from main page www.dealer4.com by navigating to Support – Dealer4 Firmware.

To automatically update firmware please follow the steps outlined below:

1. Connect Dealer4 machine to the PC and to the power supply.
2. On www.dealer4.com/firmware.htm double click on Dealer4 Firmware
3. The file download confirmation screen will appear. There are two options – to continue automatic update click “Open”. To save firmware file for later manual update – click “Save”.



4. If automatic update option is selected, the Dealer PC software will be opened, Maintenance function selected and the new firmware will be downloaded into the machine. The progress of the download can be observed on the “Maintenance” screen:



5. After a successful update the following confirmation screen will appear.



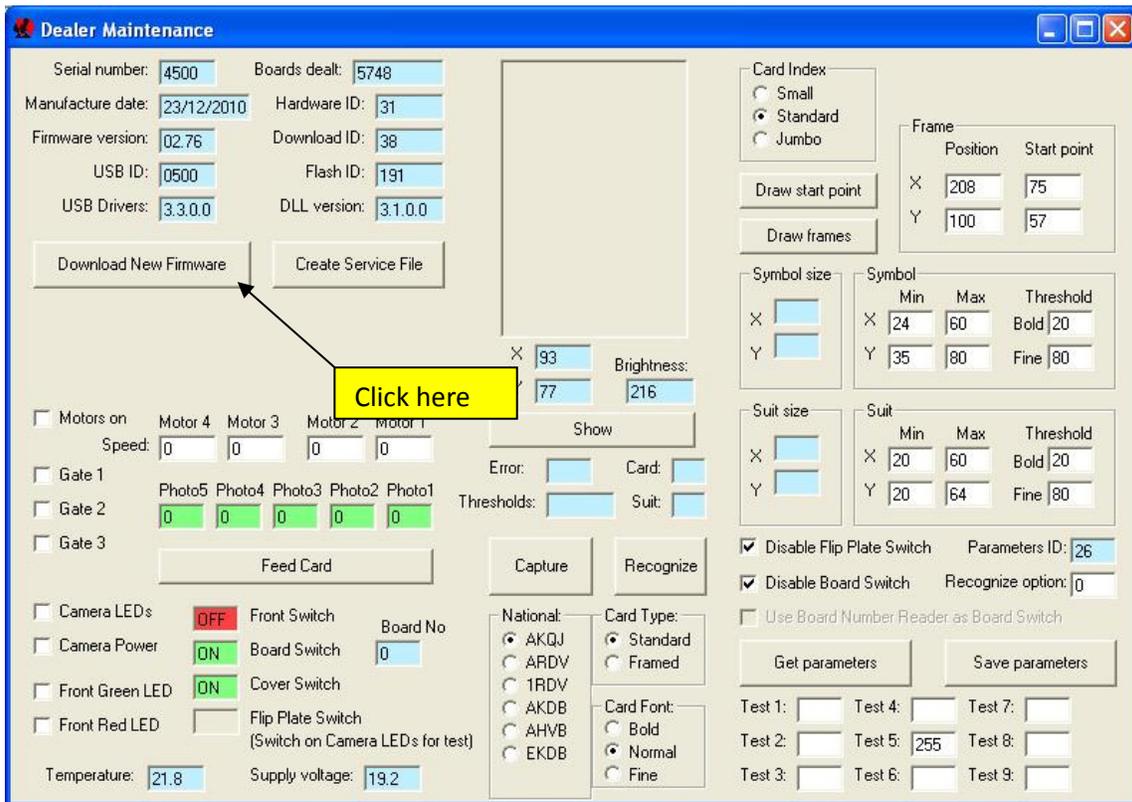
2.2 Automatic update from an already downloaded file.

If the firmware file (.adc) is already downloaded on the PC – the automatic update can be performed in a similar way. In Windows Explorer navigate to the firmware file and double click on it. This will begin the update procedure and it will be the same as described in chapter 2.1 point 4.

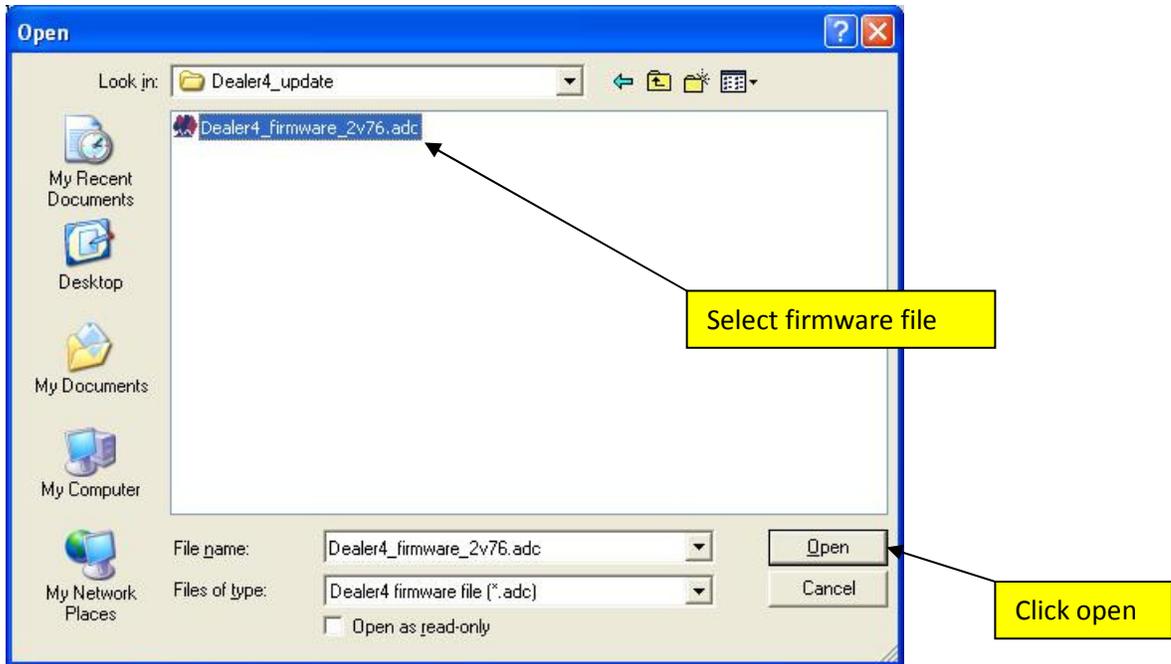
3 Manual update.

A Firmware update can be also performed manually from the Maintenance screen. Manual updates are the only option for PC software versions 4.34 or earlier.

1. Download and save the firmware file as in Chapter 2.1 point 3.
2. Connect machine to the PC and to the power supply, then open the Dealer4 PC software.
3. From the Main Menu go to “Maintenance”
4. On the “Maintenance” screen click on “Download New Firmware”



5. Standard dialog box for opening a file will appear. Navigate and select the desired firmware file then click “Open”



6. Rest of the update process will be the same as in chapter 2 .1 point 4.