AnaGate Firmware Update Instructions

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Revision History

Version	Date	Changes
1.1	01.06.2009	Integration Update via Webserver
1.0	19.06.2006	Initial Version

1 Introduction

The firmware of all AnaGate sereis devices can be updated subsequently.

Depending on device type the firmware update is done via the integrated web server of the device or via a separated flashing tool.

2 Firmware-Update for AnaGate I2C, SPI, CAN, Renesas

The device firmware of the types AnaGate I2C, AnaGate SPI, AnaGate CAN and AnaGate Renesas is updated via a flashing tool. This flashing tool is executable on a personal computer running a windows operating system. It loads the firmware image to the destination device via TCP/IP.

All AnaGate-Firmware-Updates are packed in a self-extracting ZIP file and can be downloaded from **www.anagate.de**. The ZIP file includes an EXE file, which can be started easily under all windows versions with a doubleclick.

When the "AnaGate Flash-Tool" is started, the included update file is loaded automatically in the Update tool..

AnaGate Flash Tool - AnaGate CAN V1.1.4 (FLASH) Datei Eirmware Extras	-	Hilfe
Öffnen IP ändern Update Diagnose	2 Hilfe	() Über
IP Adresse AnaGate 192.168.1.254		
Update <anagate can="" v1.1.4=""> geladen. Datei: AnaGateCAN-1.1.4.upd Beschreibung: Update for AnaGate CAN Version 1.1.4 (Bridge Ziel-Hardware: AnaGate CAN.</anagate>	⊹Mode).	
Bereit,		<u>^ /</u>

Chart 2-1 Flash-Tool: loaded AnaGate CAN firmware

Proceed please as follows, in order to install the firmware on the AnaGate:

• Click "Change IP", to change the destination IP address of the AnaGate, which is to be updated.

- In order to query the current firmware information of the AnaGate, click "Diagnosis " (optionally).
- Click "Update ", in order to start the firmware update. You must confirm the update request in the subsequent dialogue again.

Netzwerkadresse:	10.1.2.184	Geräte-Typ:	AnaGate CAN
Firmware-Version:	1.1.3	Hardware-Version	1.1.A
update information			
Firmware-Version:	1.1.4	Geräte-Typ:	AnaGate CAN
Warnung			
Stellen Sie bitte sich des Programmierpro korrekt, wenn das L	er, dass keine weit) zesses kommunizier pdate nicht vollstär	eren Anwendungen mit de ren. Das Gerät arbeitet mö ndig geladen werden konn	m AnaGate währen öglicherweise nicht i ite.

Chart 2-2 Flash-Tool: Update-Firmware Dialog

• Click "Flash Firmware", to start the update. The firmware is now loaded to the device. Subsequently, it is verified if the data is "flashed" correctly.

If some errors occur (e.g. network problems) during the writing procedure on the AnaGate, the flashing procedure can be repeated.

WARNING: If the firmware could not be flashed correctly on the device, the AnaGate is not longer ready for operation.

3 Firmware Update for AnaGate CAN uno, duo, quattro and Universal Programmer

The device firmware of the AnaGate CAN uno, AnaGate CAN duo, AnaGate CAN quattro und AnaGate Universal Programmer is updated via the integrated web server of the device.

On the home page of the web server the current firmware information is displayed.

Proceed please as follows, in order to install the firmware on the AnaGate:

• Click "Firmware" on the left navigation bar to navigate to the Firmware-Upload form.



Abbildung 3-1 AnaGate CAN quattro

• Select the update package (file extension *.upd) via the "Durchsuchen" button.

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ANALYTICA	AnaGate CAN quattro Firmware update
AnaGate CAN quattro	To update the AnaGate CAN quattro , please select the firmwarefile and press the update button.The update can take several minutes. If the update is done, the browser returns on the main page. Please check there basised on the version numbers whether the update was successful.
CAN Settings Status	Remarks: Use only software which is specified for this equipment!
Firmware Copyright	Firmware (Current Version: 1.3.6 Jul 24 2009)
	Upload Clear
	Copyright 2008 Analytica GmbH, <u>www.anaqate.de</u> , Stand: Jul 24 2009

Abbildung 3-2 AnaGate CAN quattro, Firmware upload

• Via the button "Upload" the firmware upload is started.



Abbildung 3-3 AnaGate CAN quattro, Firmware update

During the update process several installation messaged are displayed on the website. If the update was successful, **"Update done**!" is displayed.

When the update is finished the browser navigates back to the home page. Please check, if the new firmware version is display here.

WARNING: If the firmware could not be flashed correctly on the device, the AnaGate is not longer ready for operation.