

This description only applies to AG501-systems with the Z2-FPGA implemented in the E-Box. AG501-systems with an installed Microblaze obtain firmware updates via the controlserver.

If in doubt, which update procedure applies to your system, please contact Carstens Medizinelektronik.

### Changing the SD-card of the Z2-FPGA

The firmware of the Z2-FPGA is stored on an SD-card mounted to the FPGA. So to update the firmware the SD-card has to be updated or exchanged for an SD-card with the desired firmware.

1. Turn off the E-Box and disconnect the power connector.
2. Screw off the cover of the E-Box (Figure 1 A).
3. Replace SD-card in slot with an SD-card containing the new firmware (Figure 2). Make sure the SD-card sits tightly.
4. Close E-Box and tighten screws.
5. Reconnect E-Box and test system.

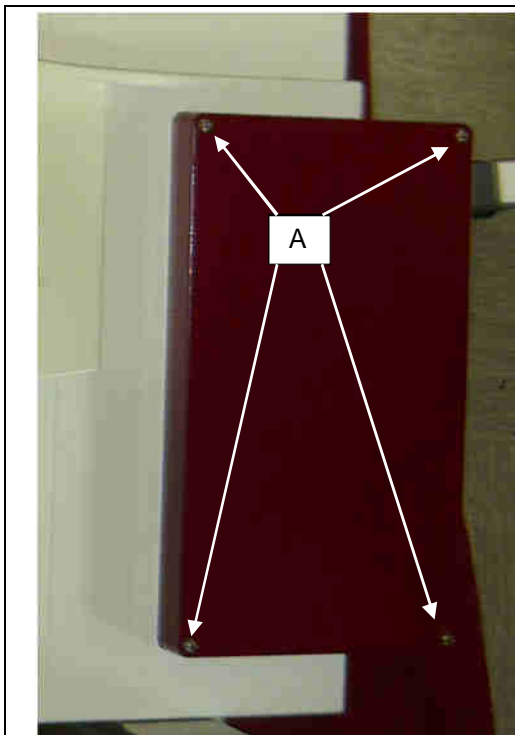


Figure 1: Take of the E-Box-cover



Figure 2: The SD-card is mounted to the Z2-FPGA