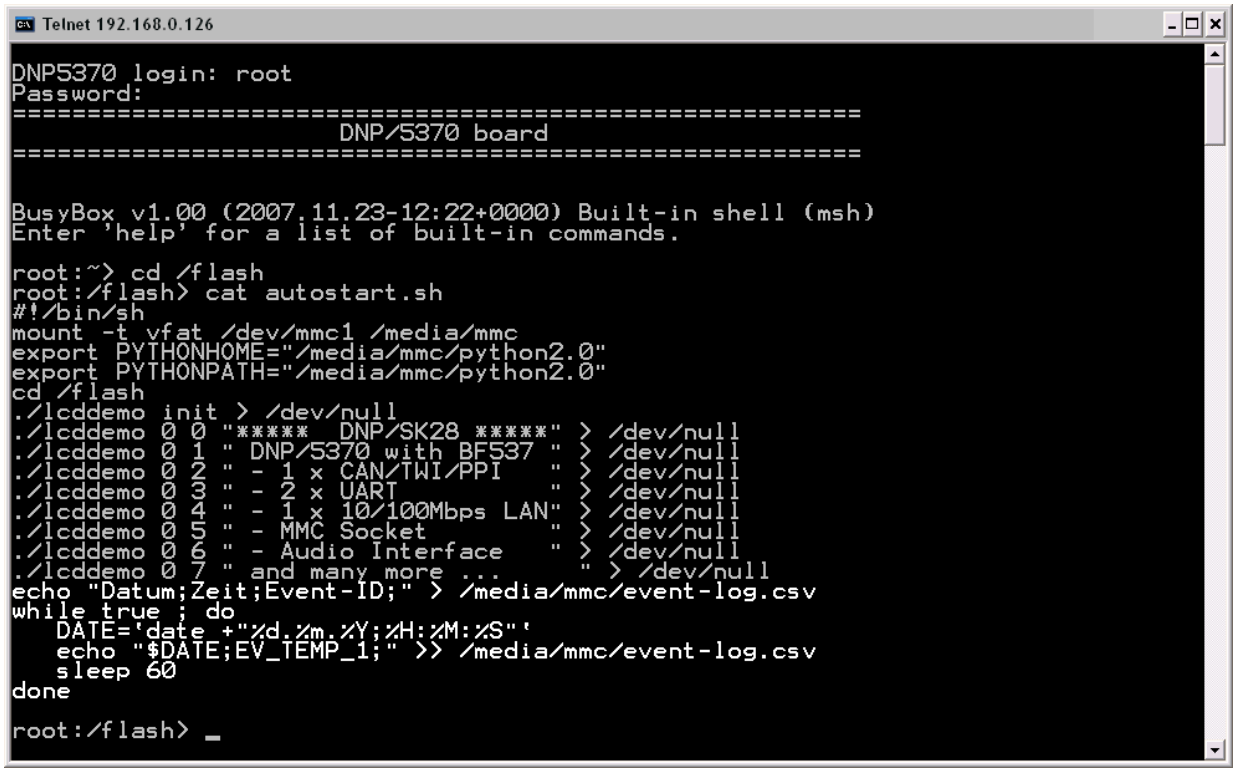
How to access a CSV data logging file with Microsoft Excel

The following steps describe how to use the DIL/NetPC DNP/5370 as a simple data logger for CSV-based data files and how to access the logging data file direct with Microsoft Excel. These steps assume that your Windows-based PC offers a Microsoft Excel.

- **1. Step**: Please add the following lines of code to the end of the **/flash/autostart.sh** file. Then reboot your DNP/5370.

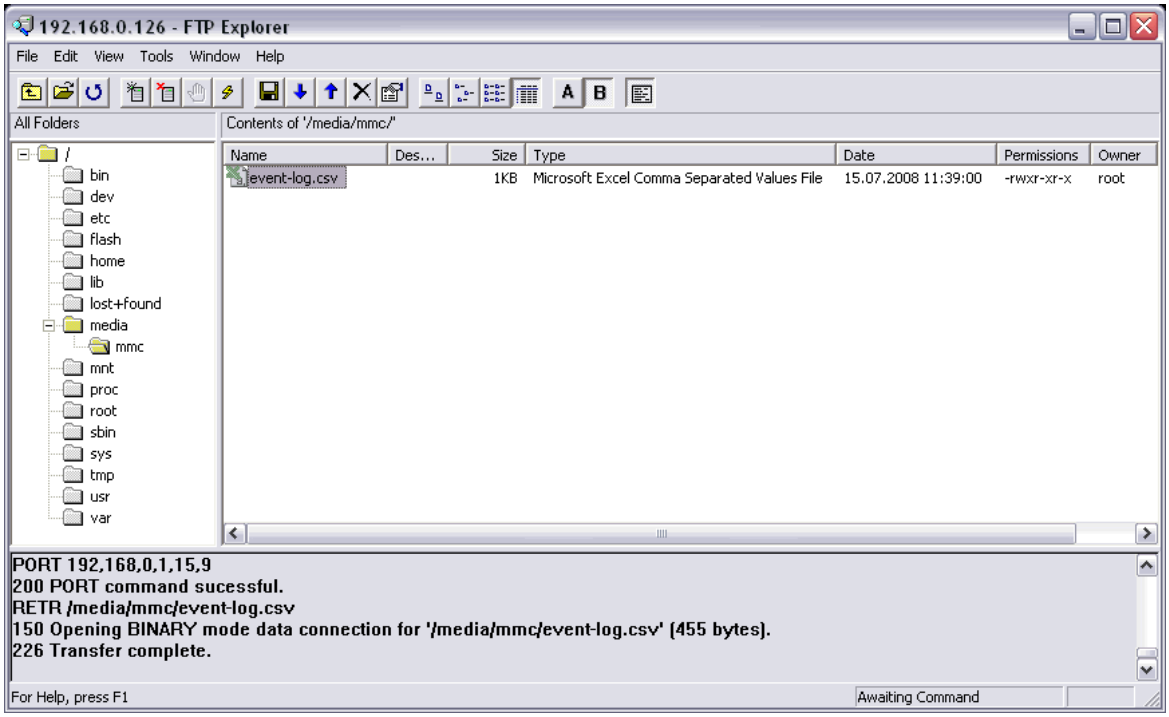
```
echo "Datum;Zeit;Event-ID;" > /media/mmc/event-log.csv
while true ; do
   DATE=`date +"%d.%m.%Y;%H:%M:%S"`
   echo "$DATE;EV_TEMP_1;" >> /media/mmc/event-log.csv
   sleep 60
done
```

This script code creates a CSV file **/media/mmc/event-log.csv** after each reboot on the MMC or SD card within the DNP/5370 SD/MCC slot and updates each minute this file with a dummy CSV-based item.

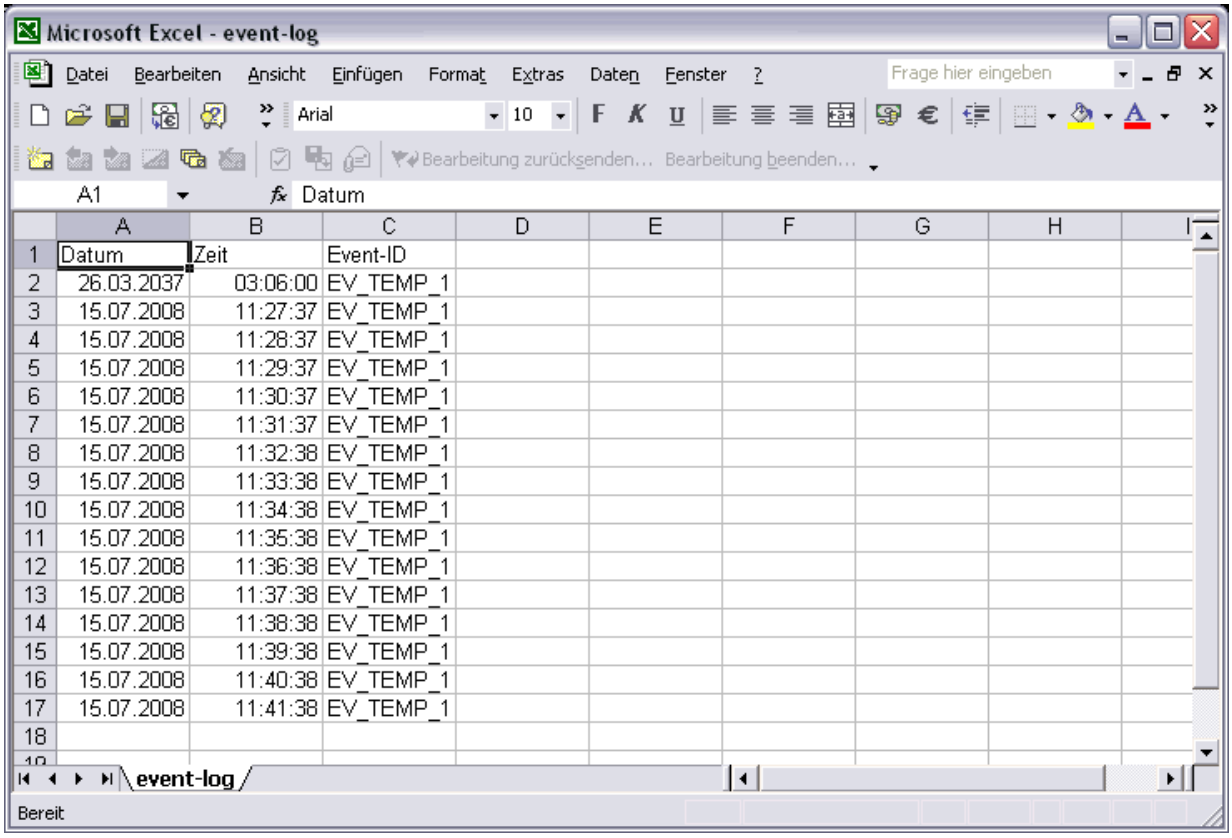


- **2. Step**: Run the DIL/NetPC DNP/5370 for some minutes and check the content of the CSV file.

- **3. Step**: Install and run the tool **FTP Explorer** from the DNP/5370 starter kit CD-ROM on your Windows PC and setup a FTP session to the DNP/5370 directory **/media/mmc**. Please use the user name **root** and the password **root** for this session.



- **4. Step**: Right-click the file name **/media/mmc/event-log.csv** and select **Open** from the context menu. This starts Microsoft Excel and shows the current content of the logging file.



	A	B	C
1	Datum	Zeit	Event-ID
2	26.03.2037	03:06:00	EV_TEMP_1
3	15.07.2008	11:27:37	EV_TEMP_1
4	15.07.2008	11:28:37	EV_TEMP_1
5	15.07.2008	11:29:37	EV_TEMP_1
6	15.07.2008	11:30:37	EV_TEMP_1
7	15.07.2008	11:31:37	EV_TEMP_1
8	15.07.2008	11:32:38	EV_TEMP_1
9	15.07.2008	11:33:38	EV_TEMP_1
10	15.07.2008	11:34:38	EV_TEMP_1
11	15.07.2008	11:35:38	EV_TEMP_1
12	15.07.2008	11:36:38	EV_TEMP_1
13	15.07.2008	11:37:38	EV_TEMP_1
14	15.07.2008	11:38:38	EV_TEMP_1
15	15.07.2008	11:39:38	EV_TEMP_1
16	15.07.2008	11:40:38	EV_TEMP_1
17	15.07.2008	11:41:38	EV_TEMP_1
18			

That is all.