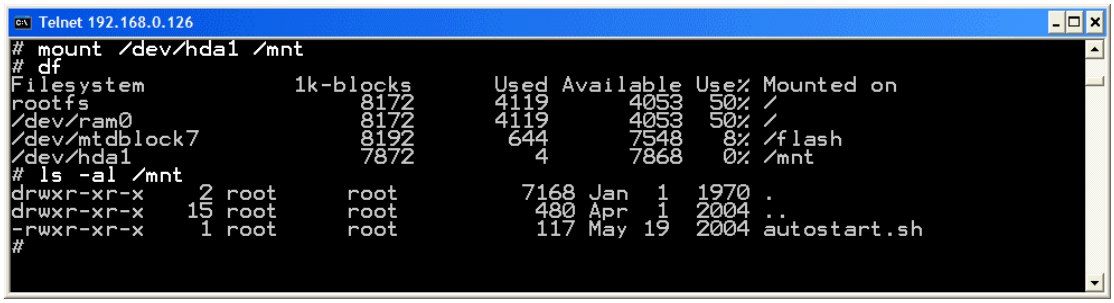
How to mount the Compact Flash Card to the IGW/100 Root File System

The DIL/NetPC ADNP/1520 default embedded Linux configuration – called "Embedded Gateway Linux" – of your IGW/100 Linux Security Gateway offers a preinstalled device driver for Compact Flash cards. This driver is IDE (Linux "had" devices) compatible.

- **1. Step**: If a formatted Compact Flash card is installed in the IGW/100 Compact Flash socket, it is possible to mount this card to the Linux root file system. Please enter the following Linux commands:

```
mount /dev/hda1 /mnt
df
```

If the Embedded Gateway Linux can't find a Compact Flash card or if this card do not offer the right file system, an error message is coming up after the first command line.



If the first mount command is executed successfully, the whole content of the Compact Flash card is accessible over the mounting directory **/mnt**.

Please note: If you add the mount command to the **autostart.sh** file, the IGW/100 Embedded Gateway Linux mounts the Compact Flash card automatically within the boot phase. Please see the document **mHTigw1-4.pdf** (**How to use the IGW/100 Autostart Feature**) for more details about the Autostart feature. The following command sequence shows a sample how to create a **autostart.sh**:

```
cd /flash
cat > autostart.sh
#!/bin/sh
mount /dev/hda1 /mnt
```

CTRL-D (*CTRL-D stops the Linux cat command*)

```
chmod +x autostart.sh
```

That's all.