

PROCEDIMENTO DE ATUALIZAÇÃO

- Para atualizar a CMGR serão necessários:
PC (Hyper Terminal, Putty, TeraTerm...)
Cabo serial de Acesso (padrão AsGa – ver manual)
Cabo UTP direto
- Todo o processo de atualização deve ser feito com o PC conectado diretamente a CMGR (**Não atualizar pela rede DCN**).
- Deve-se acompanhar o processo de atualização pelo console da CMGR, utilizando o terminal.
- Conectar o computador a porta Eth da CMGR pelo cabo UTP e configurar ip do PC, para comunicação com a placa.
- Realizar testes de PING.
- Realizar o acesso à CMGR via Web e seguir os passos abaixo.

1. Clicar na aba CMGR

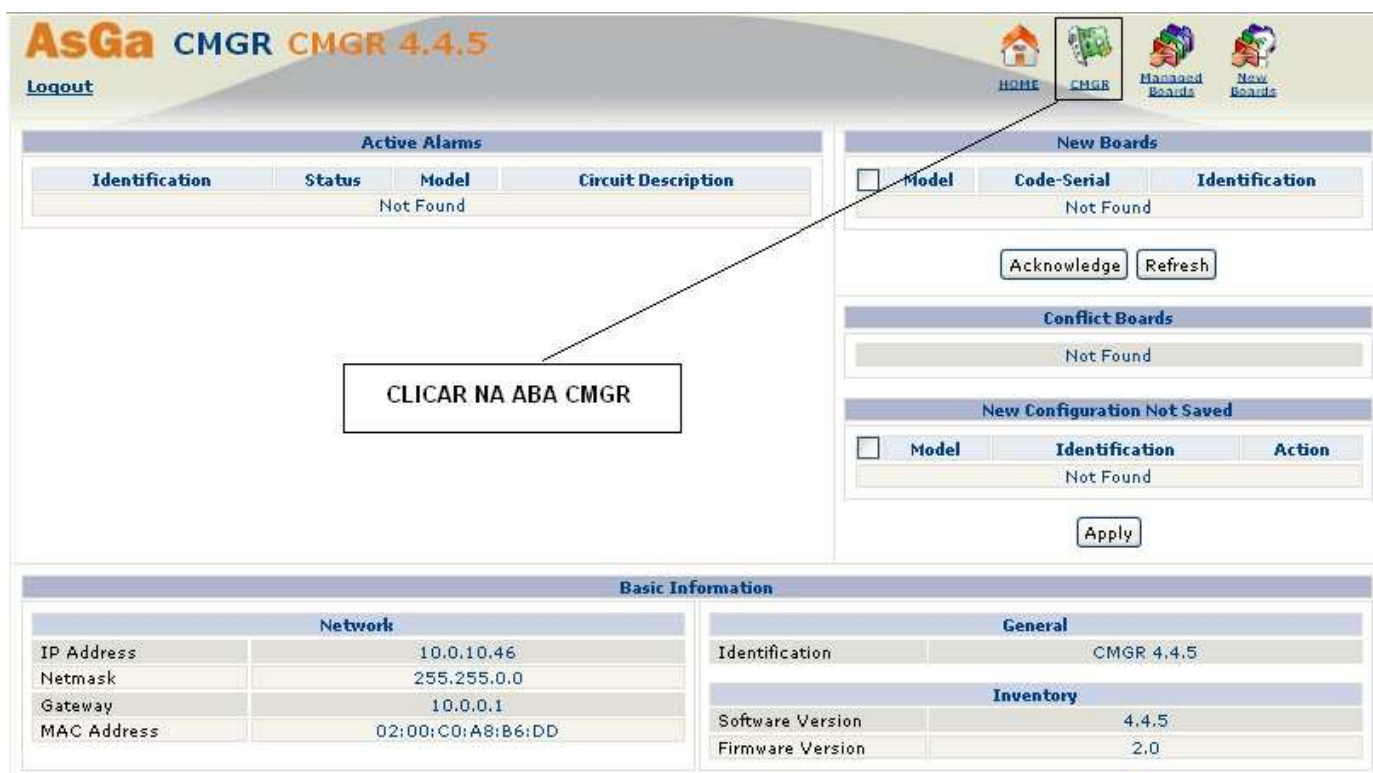


Figura 1: Aba Home

2. Clicar em *Advanced*

AsGa CMGR CMGR 4.4.5

Logout HOME CMGR Managed Boards New Boards

Config Status Password SNMP Security **Advanced**

Status

Network

IP Address	10.0.10.46
Netmask	255.255.0.0
Gateway	10.0.0.1
MAC Address	02:00:CD:A8:B6:DD

Community Configuration

Read Community	public
Write Community	private
Traps Community	public

SNMP Agent Configuration

Enable Traps Send	Enabled
Periodical Interval	1 minute(s)
Snmp Versions Allowed	V1, V2, V3

SNMP Managers

Host	IP Address	Port	Sending Mode	Traps Type
1	10.0.42.61	162	Normal	V2
2	10.0.42.60	162	Normal	V2
3	10.0.60.65	2162	Normal	V2
4	10.0.60.69	2162	Normal	V2
5	10.0.48.161	162	Normal	V2
6	10.0.35.249	162	Normal	V2

General

Identification	CMGR 4,4,5
Slot	16
Chassis Number	A1
Chassis	16 positions
Address	30
Date	03/07/2012
Time	09:27:09

Power Supply

Power Supply	OK
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Enabled Traps (cmGR)

<input checked="" type="checkbox"/> WarmReset	<input checked="" type="checkbox"/> PasswordsReset	<input checked="" type="checkbox"/> PowerSupply
<input checked="" type="checkbox"/> ColdReset	<input checked="" type="checkbox"/> NotSavedConfig	<input checked="" type="checkbox"/> AgentIsAlive
<input checked="" type="checkbox"/> BoardExcluded	<input checked="" type="checkbox"/> BoardIncluded	

Enabled Traps (General Alarms)

<input checked="" type="checkbox"/> MinorAlarm	<input checked="" type="checkbox"/> EnabledTest	<input checked="" type="checkbox"/> NoCommOrAbsentBoar
<input checked="" type="checkbox"/> MajorAlarm	<input checked="" type="checkbox"/> RecogWaitBoard	<input checked="" type="checkbox"/> Locked
<input checked="" type="checkbox"/> IndicationAlarm	<input checked="" type="checkbox"/> BoardConflict	<input checked="" type="checkbox"/> UnknownAlarm

Inventory

Description	
Customer Name	
Board Code	5.1.1.0
Product Code	856
Serial Number	1
Hardware Version	99.99
Software Version	4.4.5
Firmware Version	2.0
Order Number	0
Manufacturing Date	00/00/0000
Shipping Date	00/00/0000
Resets	80
Life Time	76 day(s)
Time Over	Unlimited
User Notes	NUNCA SAIR DO SUPORTE!
Technical Service Notes	

CLICAR EM ADVANCED

Figura 2: Aba CMGR

3. Ao abrir a tela, selecionar o arquivo de atualização e clicar em *send*.



Figura 3: Aba Advanced

4. Acompanhar pelo Terminal, aparecerá a mensagem abaixo: “*Update package received*”

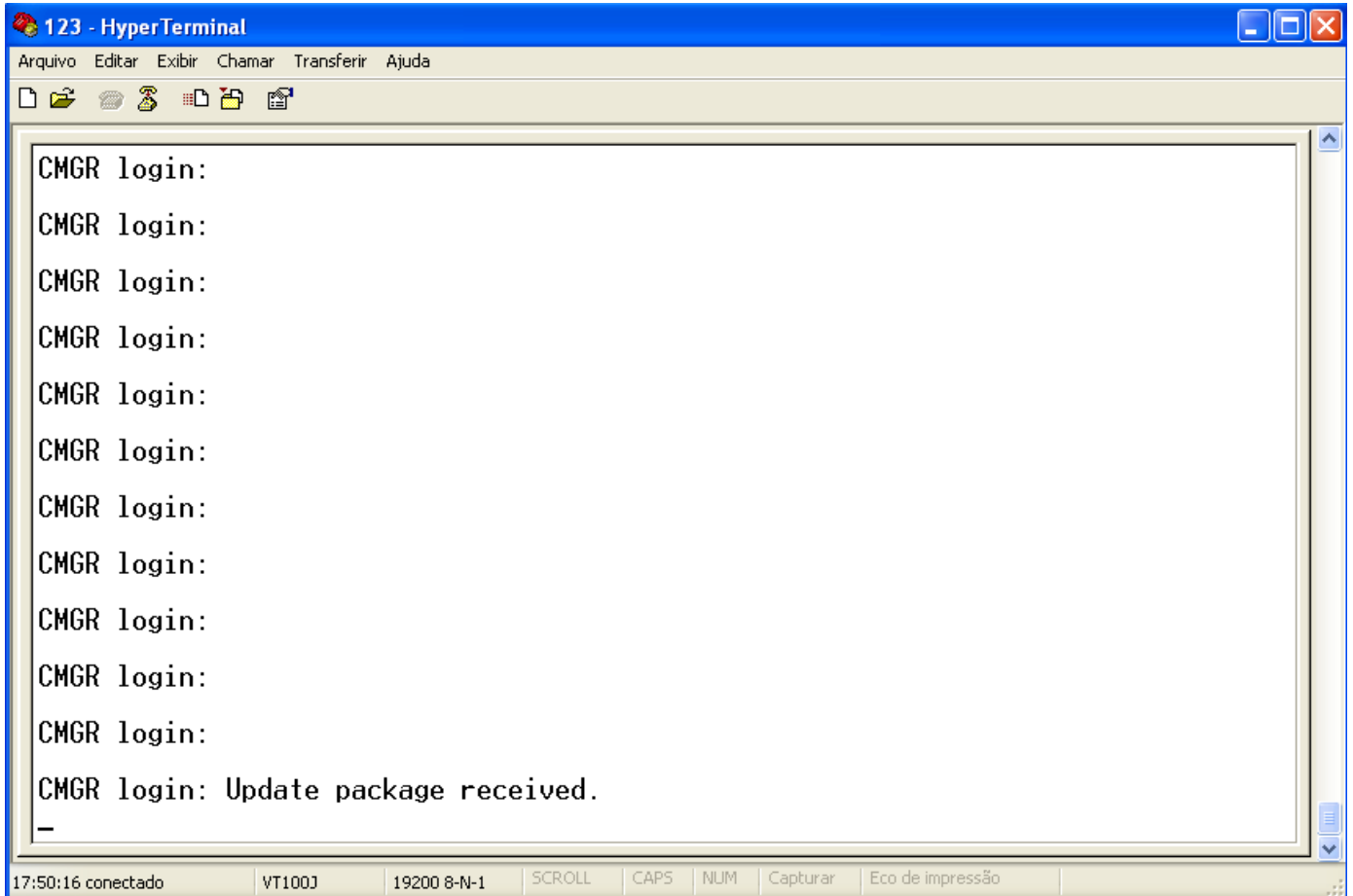


Figura 4: Terminal I

5. Voltar a tela da Web.

6. Após o arquivo ser carregado, a tela abaixo irá aparecer. Marcar o campo com o e clicar em *update*.

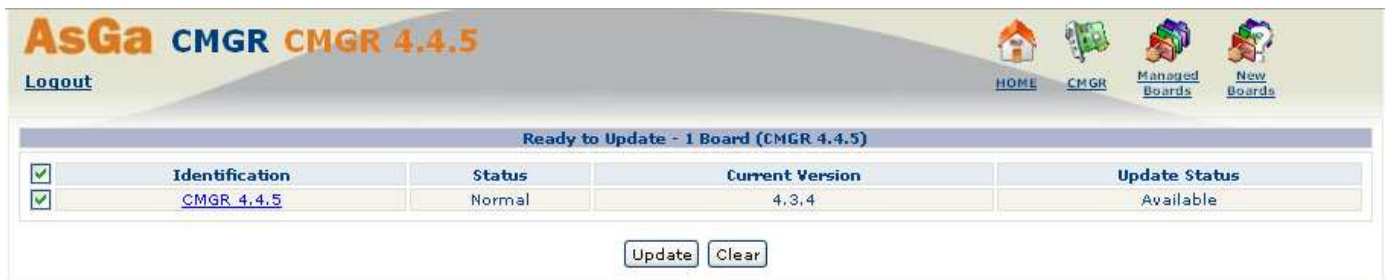


Figura 5: Aba Update

7. Retornar ao terminal e aguardar o Update. Observar as telas abaixo.

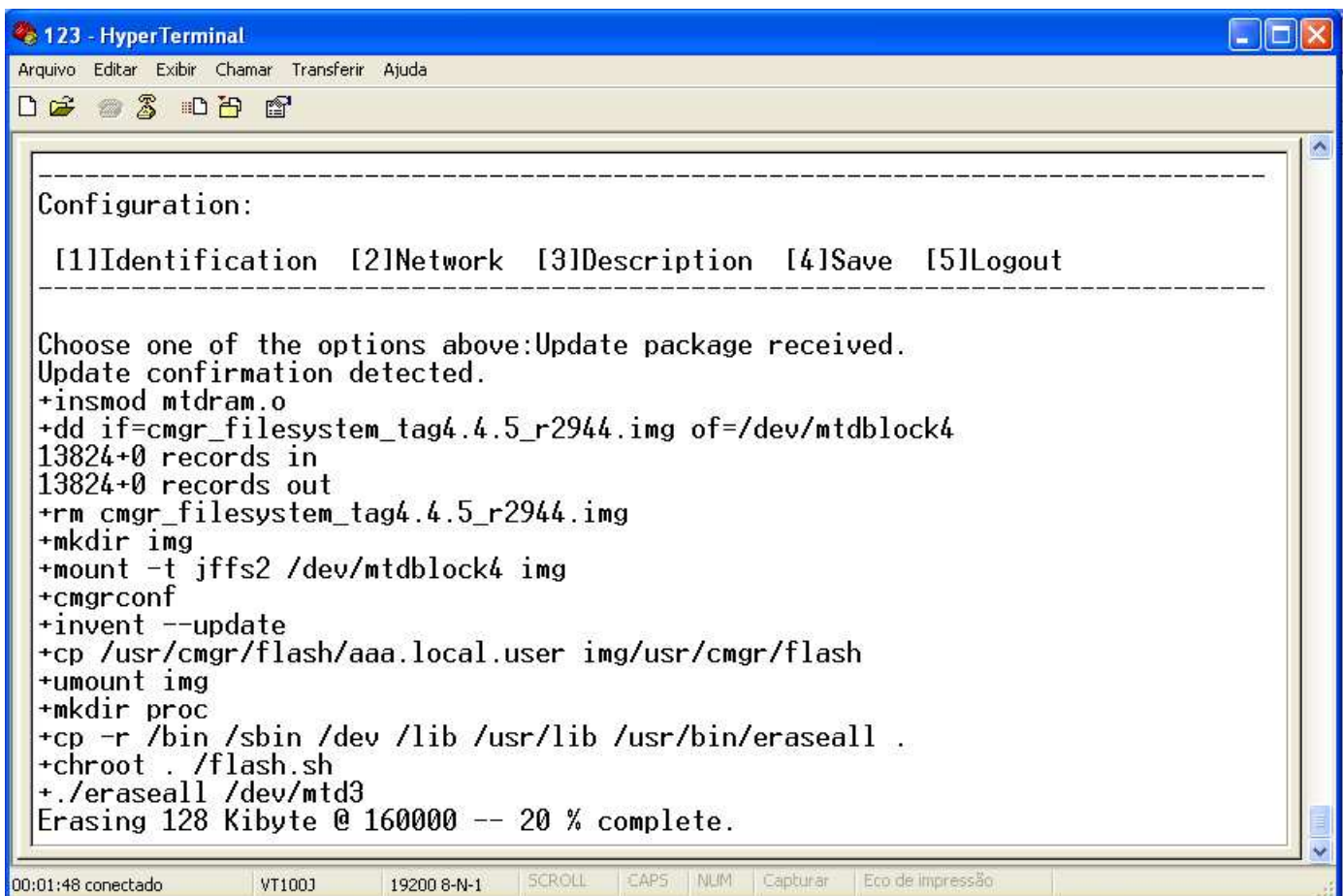
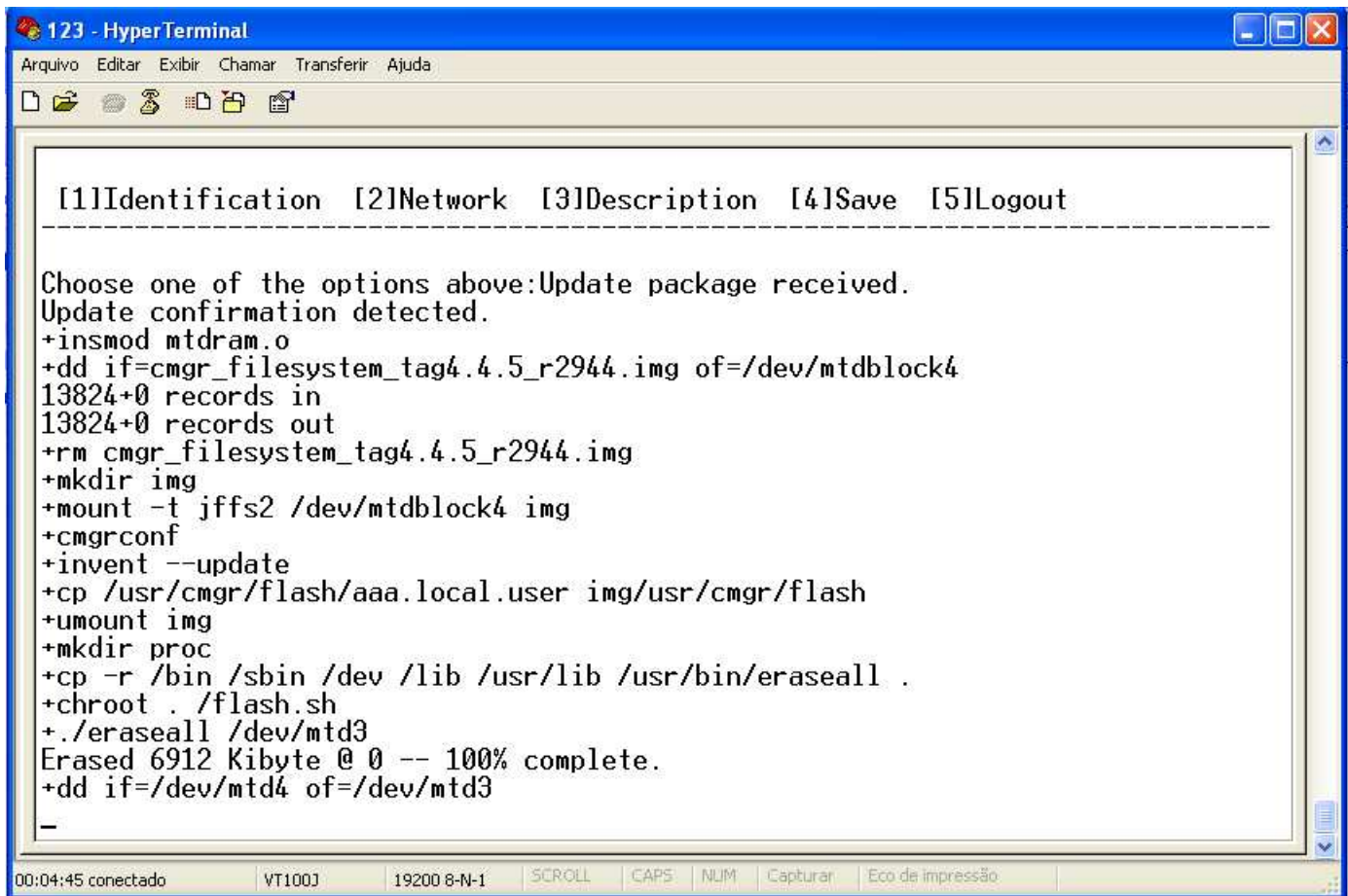


Figura 6: Terminal II



```
123 - HyperTerminal
Arquivo  Editar  Exibir  Chamar  Transferir  Ajuda

[1]Identification  [2]Network  [3]Description  [4]Save  [5]Logout
-----
Choose one of the options above:Update package received.
Update confirmation detected.
+insmod mtdram.o
+dd if=cmgr_filesystem_tag4.4.5_r2944.img of=/dev/mtdblock4
13824+0 records in
13824+0 records out
+rm cmgr_filesystem_tag4.4.5_r2944.img
+mkdir img
+mount -t jffs2 /dev/mtdblock4 img
+cmgrconf
+invent --update
+cp /usr/cmgr/flash/aaa.local.user img/usr/cmgr/flash
+umount img
+mkdir proc
+cp -r /bin /sbin /dev /lib /usr/lib /usr/bin/eraseall .
+chroot . /flash.sh
+./eraseall /dev/mtd3
Erased 6912 Kibyte @ 0 -- 100% complete.
+dd if=/dev/mtd4 of=/dev/mtd3
_
```

00:04:45 conectado VT100J 19200 8-N-1 SCROLL CAPS NUM Capturar Eco de impressão

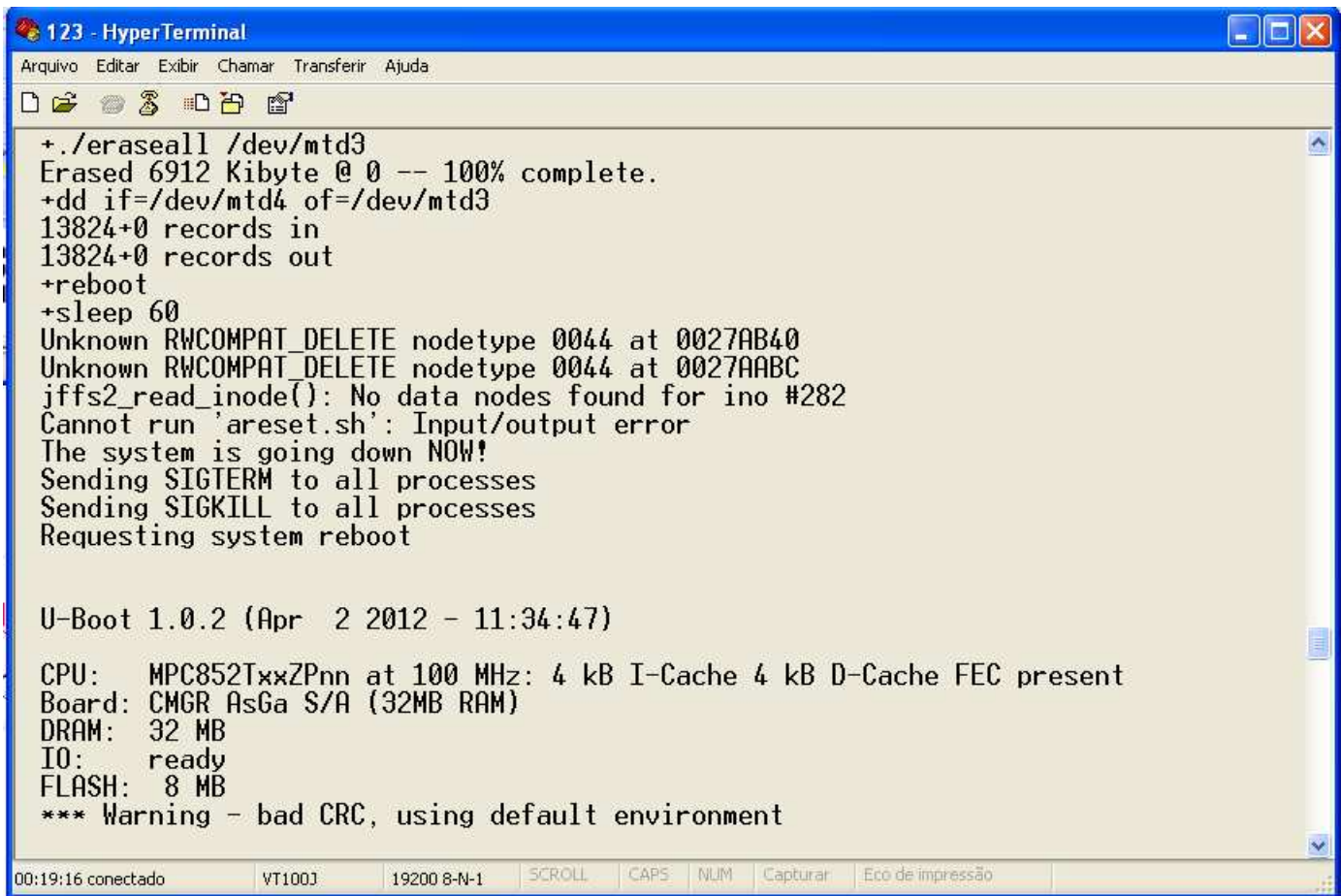
Figura 7: Terminal III

8. Ao completar 100%, a mensagem

“+dd if=/dev/mtd4 of=/dev/mtd3”

permanecerá por aproximadamente 8 minutos, aguardar o processo ser concluído.

9. A placa irá reiniciar automaticamente



The image shows a HyperTerminal window titled "123 - HyperTerminal". The window contains a terminal session with the following text:

```
+. /eraseall /dev/mtd3
Erased 6912 Kibyte @ 0 -- 100% complete.
+dd if=/dev/mtd4 of=/dev/mtd3
13824+0 records in
13824+0 records out
+reboot
+sleep 60
Unknown RWCOMPAT_DELETE nodetype 0044 at 0027AB40
Unknown RWCOMPAT_DELETE nodetype 0044 at 0027AABC
jffs2_read_inode(): No data nodes found for ino #282
Cannot run 'areset.sh': Input/output error
The system is going down NOW!
Sending SIGTERM to all processes
Sending SIGKILL to all processes
Requesting system reboot

U-Boot 1.0.2 (Apr  2 2012 - 11:34:47)

CPU:   MPC852TxxZPnn at 100 MHz: 4 kB I-Cache 4 kB D-Cache FEC present
Board: CMGR AsGa S/A (32MB RAM)
DRAM:  32 MB
IO:    ready
FLASH: 8 MB
*** Warning - bad CRC, using default environment
```

At the bottom of the window, there is a status bar with the following information: "00:19:16 conectado", "VT100J", "19200 8-N-1", "SCROLL", "CAPS", "NUM", "Capturar", and "Eco de impressão".

Figura 8: Terminal IV

10. Efetuar o Login com **usuário: admin** e **senha: cmgrasga**
11. Verificar a versão de software.

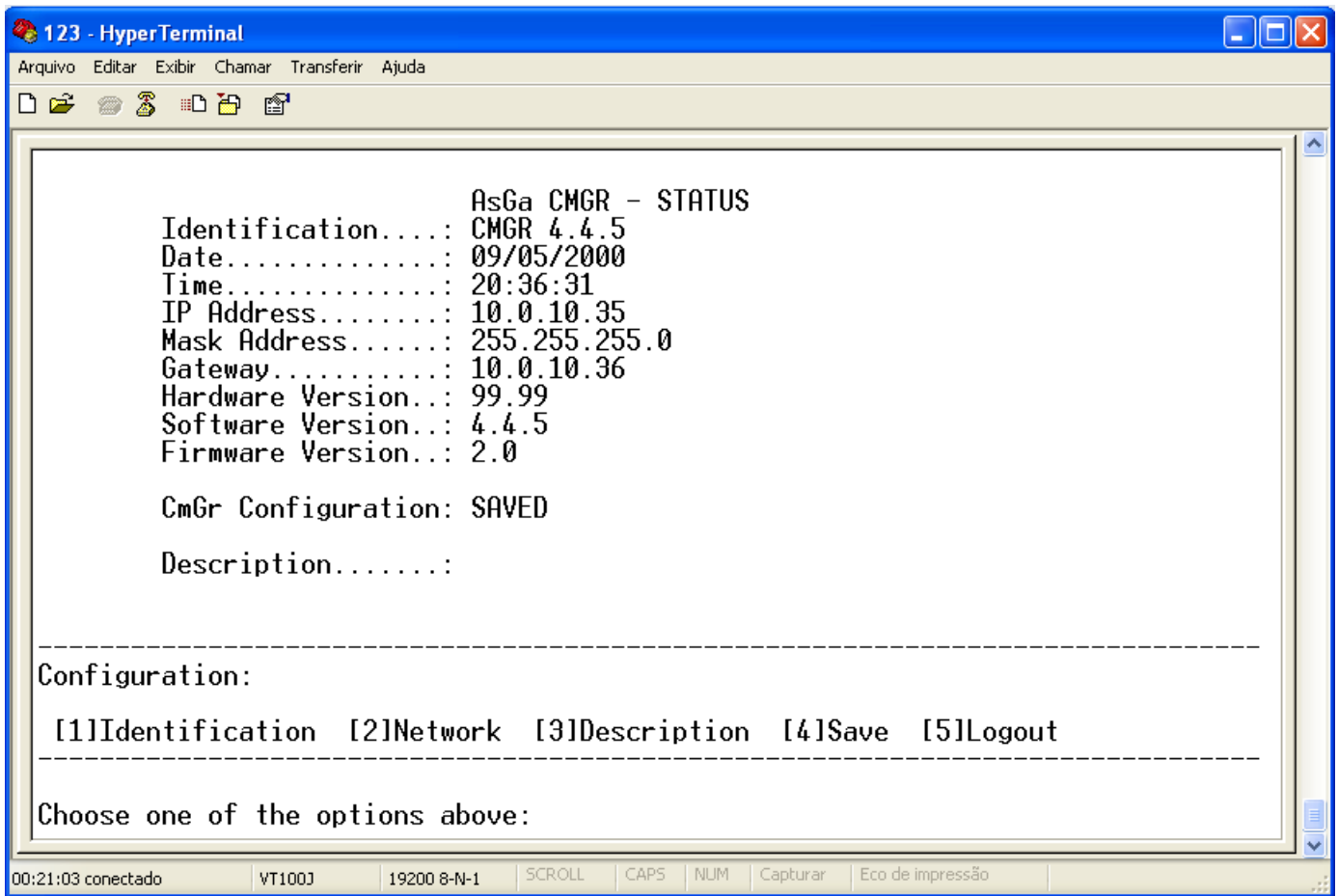


Figura 9: Terminal V