

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

	R CMGR 4.4.5		HOME CHUB MANAAA KAN				
	Active Alarms		New Boards				
Identification	Status Model Not Found	Circuit Description	Model Code-Serial Identification Not Found				
			Acknowledge Refresh				
			Conflict Boards Not Found New Configuration Not Saved				
	CLICAR NA ABA	CMGR					
	2		Model Identification Action				
			Not Found				
			Not Found				
			Apply				
		Basic Information	Not Found Apply				
	Network	Basic Information	Not Found Apply General				
P Address	Network 10.0.10.46	Basic Information Identification	Not Found Apply General n CMGR 4.4.5				
P Address letmask	Network 10.0.10.46 255.255.0.0	Basic Information Identification	Not Found Apply General n CMGR 4.4.5				
P Address Vetmask Jateway	Network 10.0.10.46 255.255.0.0 10.0.0.1	Basic Information Identification	Not Found Apply General n CMGR 4.4.5 Inventory				

Figura 1: Aba Home



2. Clicar em Advanced

00	04-4-4	0	and another	0		diversity of			
Config	Status	Passv	vora Siamp	Security		dvanced	_		
				st	atus				
Network					Power Supply				
IP Addr	ess		10.0.10.46	1	Po	wer Supply	Supply OK		OK
Netmas	k		255.255.0.0	/			F	nabled Trans (cmGR)	
Gatewa	(10.0.0.1	/	×	WarmReset	~	PasswordsReset	PowerSupply
MAC Ad	Idress		02:00:C0:A8:B6	:DD /	Ĵ,	ColdPaget	0	NotSauedConfig	AgentIcAline
	Co	mmunity C	onfiguration	1	-	BoardEveluded	÷.	RoardIncluded	* AgencisAnve
Read Co	ommunity		public	1		Doglatineradea		Doardineraded	
Write Co	ommunity		private			Enabled Traps (General Alarms)			
Traps C	ommunity		public	CLICAR EM	V	MinorAlarm	×	EnabledTest	🛛 🖌 NoCommOrAbsen
			-	ADVANCED	r	MajorAlarm	×	RecogWaitBoard	🖌 Locked
	SN	MP Agent C	onfiguration		r	IndicationAlarm	V	BoardConflict	🖌 UnknownAlarm
Enable [*]	Traps Send		Enabled	-	1				
Periodical Interval 1 minute(s)					Inventory				
Snmp Versions Allowed V1, V2, V3					De	escription			
		SNMP Ma	anagers		CI	istomer Name		/=	
Host	IP Address	Port	Sending Mode	Traps Type	BO	ard Code		0	050
1	10.0.42.61	162	Normal	V2	Pr	oduct Code			1
2	10.0.42.60	162	Normal	V2	06	rriar Humber			1
3	10.0.60.65	2162	Normal	V2	Se	aruware version Afware Version	99,99		445
4	10.0.60.69	2162	Normal	V2	Fi	roware Version			20
5	10.0.48.161	162	Normal	V2	0	rder Number			0
6	10.0.35.249	162	Normal	V2	M	anufacturing Date		00/(00/0000
					st	ipping Date		00/0	00/0000
. منعد مار		Gen	CMCD 4 4 F		Re	sets	80		
Identification CMGR 4.4.5				Lit	fe Time	76 day(s)		day(s)	
Chassie	Number	16			Ti	me Over	Unlimited		
Chassis	Humber		16 positions		Us	ser Notes		NUNCA SAI	R DO SUPORTE!
Address			30		Τe	chnical Service			
Date			03/07/2012		No	otes			
Time			09:27:09						

Figura 2: Aba CMGR



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

AsGa CMGR CMGR 4.4.5						HOME CMGB Sorts		
Config	Status	Password	SNMP	Security	Advanced			
				Adva	nced			
		Network Update	•			Software Update		
Force Discove	ry		Apply		File	C:\Documents and S Selecionar arquivo Send		
Alarms Updat	:e		Apply			Update Configuration		
Include Board	1			Apply	Processing Priority	Low		
		CSV						
Export			CSV		SEL	ECIONAR O ARQUIVO DE ATUALIZAÇÃO E		
Import			Selecionar arquiv	o Send	CLIC	CAR EM SEND		

Figura 3: Aba Advanced



4. Acompanhar pelo Terminal, aparecerá a mensagem abaixo: "Update package received"

4	a 123 - HyperTerminal	
A	Arquivo Editar Exibir Chamar Transferir Ajuda	
		1.0
	CMGR login:	
	CMGR login: Update package received.	
	<u> -</u>	
17	7:50:16 conectado VT1003 19200 8-N-1 SCROLL CAPS NUM Capturar Eco de impressão	.:i

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 vee e clicar em *update*.



AsG	a CMGR CMGR	4.4.5		номе	CMGR Managed Boards	New Boards	
		Ready to Up	date - 1 Board (CMGR 4.4.5)				
	Identification	Status	Current Version		Update Status		
 Image: A set of the set of the	CMGR 4.4.5	Normal	4,3,4		Availabl	e	
			Update Clear				

Figura 5: Aba Update

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

🇞 123 - HyperTerminal	
Arquivo Editar Exibir Chamar Transferir Ajuda	
Configuration: [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 *inventupdate +cp /usr/cmgr/flash/aaa.local.user img/usr/cmgr/flash *umount img *mkdir proc +ccp -r /bin /sbin /dev /lib /usr/lib /usr/bin/eraseall . +./eraseall /dev/mtd3 Erasing 128 Kibyte @ 160000 20 % complete.	

Figura 6: Terminal II



🎨 123 - HyperTerminal
Arquivo Editar Exibir Chamar Transferir Ajuda
IllIdentification I2lNetwork I3lDescription I4lSave I5lLogout 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 out +rm cmgr_filesystem_tag4.4.5_r2944.img +mkdir img +mount -t jffs2 /dev/mtdblock4 img +cngrconf +inventupdate +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 . +./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



🍓 123 - HyperTerminal Arquivo Editar Exibir Chamar Transferir Ajuda 0 🗃 🕘 🔏 💷 🔂 😭 +./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) MPC852TxxZPnn at 100 MHz: 4 kB I-Cache 4 kB D-Cache FEC present CPU: Board: CMGR AsGa S/A (32MB RAM) 32 MB DRAM: TO: ready FLASH: 8 MB *** Warning - bad CRC, using default environment VT1003 19200 8-N-1 NUM Capturar Eco de impressão 00:19:16 conectado

Figura 8: Terminal IV

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



🌯 123 - HyperTerminal	
Arquivo Editar Exibir Chamar Transferir Ajuda	
AsGa CMGR - STATUS Identification: CMGR 4.4.5 Date	
Configuration: [1]Identification [2]Network [3]Description [4]Save [5]Logout Choose one of the options above:	-
00:21:03 conectado VT100J 19200 8-N-1 SCROLL CAPS NUM Capturar Eco de impressão	

Figura 9: Terminal V