



## TERMO DE ACEITE TÉCNICO

**Solicitante:** ATI - Agência de Tecnologia da Informação do Estado do Piauí

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**Orgão:** ATI

**Unidade:** Praça da Igreja (Hugo Napoleão)

**Data Instalação**

11/01/2019

**Data Ativação**

11/01/2019

**Operadora**  
Global Eagle

**VSAT-ID**  
ATI-PB-0254-OUT

**Porta kbps**  
4096/512

**Tipo**  
Outdoor

Piauí, 11 de janeiro de 2019

### 1 – Local da Instalação



## 2 – Configurações do Modem

# device show

System Information:

Name : ATI-PB-0254-OUT  
Location : HUGO NAPOLIAO - PI  
Contact :  
System Up time : 0 days, 00:53:58  
CPU Load : 30%  
System time(UTC) : 11 January 2019 14:14:00  
Broadcast Message : not set

HW:

Model : SatLink 2000  
HW ID : 120033  
Main board ID : 120026 R6.2

MAC addresses:

LAN : 00:20:0e:10:88:66  
Satellite (DVB) : 00:20:0e:10:88:66

# dvb rx show

Satellite (DVB) RX Configuration

-----  
Auto start : Enabled  
Max Signalling MODCOD : 23 16APSK-9/10  
Max Traffic MODCOD : 28 32APSK-9/10  
RX watchdog : 15 minute

Idx	Pri	SymbRate[Msp	Freq[GHz]	Mode	PopId	SatId	Pos	SatName	Name	Enable
* 0	0	27.466667	11.727054	DVB-S2 2	0	0.0 E			Yes	

Satellite (DVB) Receiver Status

-----  
Rx State : On  
DVB State : Forward link up  
Network : 65281, ATI-Piaui-Conectado  
Frequency : 11.727126 GHz  
Symbol Rate : 27.466191 Msps  
S2 ModCod  
- receiving : 14 8PSK-3/4  
- current max : 14 8PSK-3/4  
Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
DVB S2 Stream type : MPEG-TS  
Roll off : 0.25  
SNR : 15.4 dB  
Input Power : -35 dBm

# dvb tx show

Satellite (DVB) TX Configuration

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Auto start : Enabled  
BUPC status : Disabled  
IDU Output Power : -22 dBm  
IDU Max Output Power: 0.0 dBm  
Default CW Frequency: 0.000000 GHz  
ATM mode : VC-Mux  
Header Compression : SHC/UDP/IP

Satellite (DVB) Transmitter Status

-----  
State : On (DVB-RCS2)  
IDU Output Power : -21.8 dBm  
Es/No : 13.0 dB  
Header Compression : SHC/UDP/IP  
Timing correction : -58 us (249469 us)  
Frequency correction: 70 Hz

# arp show

NetAddr	State	MacAddr	If
10.225.4.2	Dynamic	00:13:3b:8b:45:47	1

# ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.4.1	255.255.255.252	10.225.4.3	1500	eth0	1
3	172.26.7.9	255.255.255.255	N/A	1540	dvb0	1
4	N/A	N/A	N/A	1500	air0	1

DNS Client Configuration

Primary DNS Server: 209.244.0.3, Secondary DNS Server: 209.244.0.4

Interface Statistics

----- Input ----- Output -----

If	UCast	NUCast	Disc	Octets	UCast	NUCast	Disc	Octets
1	33218	499	264	4630595	42112	84	0	18352956
3	20061	0	23	13086503	21175	0	0	3288508
4	0	0	0	0	0	0	0	0

IP Receive Deliver Errors InDiscards Forward Request NoRoute OutDiscards

53642	4551	0	0	63697	10131	53	182
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Interface Directed Routing Table

In If Out If

-----IP LAC Statistics-----

RPF	Src eq dest	RPF HitCount	Src eq dest HitCount	MfcHitCount (-1/drop classified)
Disabled	Enabled	0	0	0

Routing Table

DestMask	RouteMask	NextHop If	RtType	Row-Status
0.0.0.0	0.0.0.0	0.0.0.0 3	STATIC	ACTIVE
10.225.4.0	255.255.255.252	0.0.0.0 1	LOCAL	ACTIVE
10.226.10.0	255.255.255.0	10.225.4.2 1	STATIC	ACTIVE
172.26.7.9	255.255.255.255	0.0.0.0 3	LOCAL	ACTIVE

### 3 – Configurações dos Equipamentos

#### Configurações de Rede

[Configurações](#)[Interfaces](#)[Roteamento Estático](#)[Roteamento Dinâmico](#)[Configurações IPv6](#)[Controle de Banda](#)[H.A.](#)

Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	eth0	10.225.4.2/30	-	Física	WAN	
	eth1	10.226.10.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

```
admin >ifconfig
```

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
      inet 10.225.4.2 netmask 255.255.255.252 broadcast 10.225.4.3
      ether 00:90:27:ef:70:4c txqueuelen 10000 (Ethernet)
      RX packets 25556 bytes 9429797 (8.9 MiB)
      RX errors 0 dropped 0 overruns 0 frame 0
      TX packets 23936 bytes 3374443 (3.2 MiB)
      TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
      device interrupt 16 memory 0xfe8e0000-fe900000
```

```
eth1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
      inet 10.226.10.1 netmask 255.255.255.0 broadcast 10.226.10.255
      ether 00:90:27:ef:70:4d txqueuelen 10000 (Ethernet)
      RX packets 27409 bytes 3764647 (3.5 MiB)
      RX errors 0 dropped 0 overruns 0 frame 0
      TX packets 29460 bytes 14732474 (14.0 MiB)
      TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
      device interrupt 17 memory 0xfe9e0000-fea00000
```

```
lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
      inet 127.0.0.1 netmask 255.0.0.0
      loop txqueuelen 1 (Local Loopback)
      RX packets 22613 bytes 21995016 (20.9 MiB)
      RX errors 0 dropped 0 overruns 0 frame 0
      TX packets 22613 bytes 21995016 (20.9 MiB)
      TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```



#### 4 – Teste de Velocidade -Download/Upload

