



# TERMO DE ACEITE TÉCNICO

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

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**Orgão:** ATI

**Unidade:** Praça Principal (Santa Cruz dos Milagres)

**Data Instalação**

08/01/2019

**Data Ativação**

08/01/2019

**Operadora**  
Global Eagle

**VSAT-ID**  
ATI-PB-0257-OUT

**Porta kbps**  
4096/512

**Tipo**  
Outdoor

Piauí, 08 de janeiro de 2019

## 1 – Local da Instalação



## 2 – Configurações do Modem

# device show

System Information:

Name : ATI-PB-0257-OUT  
Location : Santa Cruz dos Milagres- PI  
Contact :  
System Up time : 0 days, 00:51:17  
CPU Load : 30%  
System time(UTC) : 08 January 2019 13:12:10  
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:9b:65  
Satellite (DVB) : 00:20:0e:10:9b:65

# 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/s]	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 : 11.727003 GHz  
Symbol Rate : 27.465812 Msps  
S2 ModCod  
- receiving : 6 QPSK-2/3  
- 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 : 13.3 dB  
Input Power : -36 dBm

# dvb tx show

Satellite (DVB) TX Configuration

-----  
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 : 16.0 dB  
Header Compression : SHC/UDP/IP  
Timing correction : 59 us (249243 us)  
Frequency correction: 50 Hz  
# arp show

NetAddr	State	MacAddr	If
10.225.4.14	Dynamic	00:90:27:f0:8c:ec	1

# ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.4.13	255.255.255.252	10.225.4.15	1500	eth0	1
3	172.26.7.6	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	22430	241	128	6710836	32886	32	0	12861694
3	15777	0	57	8872847	17975	0	0	5973193
4	0	0	0	0	0	0	0	0

IP Receive Deliver Errors InDiscards Forward Request NoRoute OutDiscards

38356	4210	0	0	51119	14501	32	124
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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
10.225.4.12	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.226.13.0	255.255.255.0	10.225.4.14	1	STATIC	ACTIVE
172.26.7.6	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.
<div>+ -</div>						
Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	eth0	10.225.4.14/30	-	Física	WAN	
	eth1	10.226.13.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.4.14 netmask 255.255.255.252 broadcast 10.225.4.15
    ether 00:90:27:f0:8c:ec txqueuelen 10000 (Ethernet)
    RX packets 26931 bytes 13279841 (12.6 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 24422 bytes 7744668 (7.3 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 10.226.13.1 netmask 255.255.255.0 broadcast 10.226.13.255
    ether 00:90:27:f0:8c:ed txqueuelen 10000 (Ethernet)
    RX packets 28590 bytes 8309168 (7.9 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 31574 bytes 18785931 (17.9 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 28565 bytes 26881096 (25.6 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 28565 bytes 26881096 (25.6 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```



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

