



## TERMO DE ACEITE TÉCNICO

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

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**Orgão:** SEDUC

**Unidade:** Unidade Escolar Antonio Vitória de Sousa

**Data Instalação**

14/09/2018

**Data Ativação**

14/09/2018

**Operadora**  
Global Eagle

**VSAT-ID**  
ATI-PB-0062-OUT

**Porta kbps**  
4M/512k

**Tipo**  
Outdoor

Contrato: 016/2018

## 1 – Local da Instalação



## 2 – Configurações do Modem

SatLink 2000

- Main board ID 120026, Revision R6.2
- SW ID 120208, Revision 16.0.2 Build 64

# device show

System Information:

Name : ATI-PB-0062-OUT  
Location : PI  
Contact :  
System Up time : 0 days, 00:44:15  
CPU Load : 15%  
System time(UTC) : 14 September 2018 13:03:25  
Broadcast Message : not set

HW:

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

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:8b:5b  
Satellite (DVB) : 00:20:0e:10:8b:5b

# dvb tx show

Satellite (DVB) TX Configuration

-----  
Auto start : Enabled  
IDU Output Power : -13 dBm  
IDU Max Output Power: 0.0 dBm  
Default CW Frequency: 0.000000 GHz  
ATM mode : VC-Mux  
Header Compression : None

Satellite (DVB) Transmitter Status

-----  
State : On (DVB-RCS2)  
IDU Output Power : -13.0 dBm  
Es/No : 14.0 dB  
Header Compression : Disabled  
Timing correction : -299 us (249626 us)  
Frequency correction: 140 Hz  
# dvb rx show

Satellite (DVB) RX Configuration

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

Idx	Pri	SymbRate[Msp]	Freq[GHz]	Mode	PopId	SatId	Pos	SatName	Name	Enable
* 0	0	25.000000	11.628079	DVB-S2	105	0	0.0 E		Yes	

Satellite (DVB) Receiver Status

-----  
Rx State : On  
DVB State : Forward link up  
Network : 1326, ATI-PI  
Frequency : 11.628145 GHz  
Symbol Rate : 24.999877 Msps  
S2 ModCod  
- receiving : 1 QPSK-1/4  
- 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 : 10.3 dB  
Input Power : -40 dBm  
# ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.0.173	255.255.255.252	10.225.0.175	1500	eth0	1
3	172.18.193.254	255.255.255.255	N/A	1500	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  236963   11    10 103407763 435110   25    0 544191399
3  419544    0    0 543470737 108827    0    0 93861669
4    0     0     0    0     0     0     0
IP Receive Deliver  Errors  Discards Forward Request NoRoute  Discards
656455    67     0     0 543785   129    1    13
```

#### 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
0.0.0.0	0.0.0.0	0.0.0.0	3	STATIC
10.225.0.172	255.255.255.252	0.0.0.0	1	LOCAL
10.225.53.0	255.255.255.0	10.225.0.174	1	STATIC
172.18.193.254	255.255.255.255	0.0.0.0	3	LOCAL

### 3 – Configurações dos Equipamentos

```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.0.174 netmask 255.255.255.252 broadcast 10.225.0.175
    ether 00:0b:ab:f5:c6:f6 txqueuelen 10000 (Ethernet)
    RX packets 518104 bytes 594905453 (567.3 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 347878 bytes 185283355 (176.6 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device memory 0xd0900000-d091ffff

eth1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.53.1 netmask 255.255.255.0 broadcast 10.225.53.255
    ether 00:0b:ab:f5:c6:f7 txqueuelen 10000 (Ethernet)
    RX packets 349191 bytes 186538651 (177.8 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 518262 bytes 594402064 (566.8 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device memory 0xd0800000-d081ffff

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 18717 bytes 3619994 (3.4 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 18717 bytes 3619994 (3.4 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```

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**BLOCKBIT** UTM

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Snapshot Terminal

### Configurações de Rede

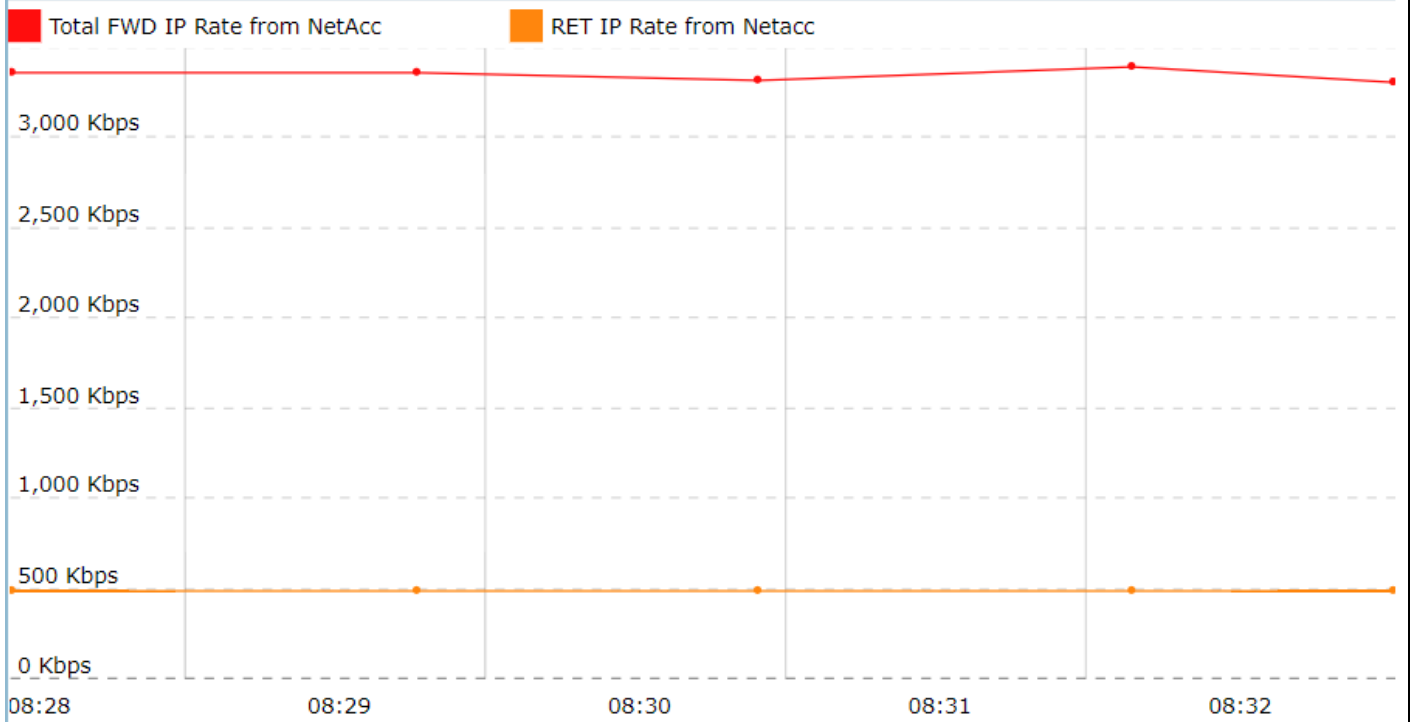
Configurações Interfaces Roteamento Estático Roteamento Dinâmico Configurações IPv6 Controle de Banda H.A.

Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	eth0	10.225.0.174/30	-	Física	WAN	
	eth1	10.225.53.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

### 4 – Teste de Velocidade

Download/Upload

Graph (Username: ATI-PB-0062-OUT)



08:28	08:29	08:30	08:31	08:32
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From: 09-14-2018 08:28 to: 09-14-2018 08:32

Zoom: MAX