

# TERMO DE ACEITE TÉCNICO

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

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**Data Instalação**  
16/11/2018

**Data Ativação**  
16/11/2018

**Unidade:** Povoado Vila Bastião

**Município:** Pio IX- PI

**Coordenadas:** 6°31'58.00"S - 40°47'36.00"W

**Operadora**  
Global Eagle

**VSAT-ID**  
ATI-PB-0197-OUT

**Porta kbps**  
1024/256

**Tipo**  
Outdoor

Piauí, 19 de Novembro de 2018

## 1 – Local da Instalação



## 2 – Configurações do Modem

# device show

System Information:

Name : ATI-PB-0197-OUT  
Location : Pio IX - PI  
Contact :  
System Up time : 2 days, 21:11:16  
CPU Load : 57%  
System time(UTC) : 19 November 2018 12:38:27  
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:78  
Satellite (DVB) : 00:20:0e:10:9b:78

# dvb tx show

Satellite (DVB) TX Configuration

-----  
Auto start : Enabled  
BUPC status : Disabled  
IDU Output Power : -18 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 : -18.1 dBm  
Es/No : 11.5 dB  
Header Compression : Disabled  
Timing correction : -271 us (249499 us)  
Frequency correction: 280 Hz

# 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[Msps]	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 : 11.628067 GHz  
Symbol Rate : 24.999859 Msps  
S2 ModCod  
- receiving : 1 QPSK-1/4  
- current max : 21 16APSK-5/6

Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
DVB S2 Stream type : MPEG-TS  
Roll off : 0.25  
SNR : 15.8 dB  
Input Power : -36 dBm

# arp show

NetAddr	State	MacAddr	If
10.225.3.30	Dynamic	00:90:27:f0:8b:78	1

# ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.3.29	255.255.255.252	10.225.3.31	1500	eth0	1
3	172.18.193.15	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	2481271	1754	2254	575089031	4745193	2083	0	1065142460
3	4622310	0	3232	1186082728	1408318	0	9865	476899312
4	0	0	0	0	0	0	0	0

IP Receive Deliver Errors InDiscards Forward Request NoRoute OutDiscards  
7098116 5556 0 0 6165284 6717 316 3885

Interface Directed Routing Table

In If Out If

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

RPF	Src eq dest	RPF HitCount	SrceqdestHitCount	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
10.225.3.28	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.209.0	255.255.255.0	10.225.3.30	1	STATIC	ACTIVE
172.18.193.15	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	10.225.3.30/30	-	Física	WAN	
	eth1	10.225.209.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.3.30 netmask 255.255.255.252 broadcast 10.225.3.31
    ether 00:90:27:f0:8b:78 txqueuelen 10000 (Ethernet)
    RX packets 1726 bytes 132394 (129.2 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 67605 bytes 4327880 (4.1 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 16 memory 0xfe8e0000-fe900000

eth1: flags=4099<UP,BROADCAST,MULTICAST> mtu 1500
    inet 10.225.209.1 netmask 255.255.255.0 broadcast 10.225.209.255
    ether 00:90:27:f0:8b:79 txqueuelen 10000 (Ethernet)
    RX packets 52753 bytes 6051507 (5.7 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 35649 bytes 3413664 (3.2 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 17 memory 0xfe9e0000-fea00000
```



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

