



# TERMO DE ACEITE TÉCNICO

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

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**Responsável/cliente:** IVANDETH DE CASTRO SOUSA

**Orgão:** ATI

**Unidade:** Praça da Igreja

**Data Instalação**

09/10/2018

**Data Ativação**

09/10/2018

**Operadora**  
Global Eagle

**VSAT-ID**  
ATI-PB-0071-OUT

**Porta kbps**  
4096/512

**Tipo**  
Outdoor

Piauí, 09 de outubro de 2018

## 1 – Local da Instalação



## 2 – Configurações do Modem

# device show

System Information:

Name : ATI-PB-0071-OUT  
Location : Piripiri -PI  
Contact :  
System Up time : 0 days, 00:14:08  
CPU Load : 10%  
System time(UTC) : 10 October 2018 01:08:23  
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:85:c9  
Satellite (DVB) : 00:20:0e:10:85:c9

# dvb tx show

Satellite (DVB) TX Configuration

-----  
Auto start : Enabled  
BUPC status : Disabled  
IDU Output Power : -20 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 : -19.8 dBm  
Es/No : 12.0 dB  
Header Compression : Disabled  
Timing correction : 25 us (249582 us)  
Frequency correction: 250 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 : 11.628160 GHz  
Symbol Rate : 25.000404 Msps  
S2 ModCod  
- receiving : 1 QPSK-1/4  
- current max : 15 8PSK-5/6  
Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
DVB S2 Stream type : MPEG-TS  
Roll off : 0.25  
SNR : 12.6 dB  
Input Power : -33 dBm  
# arp show

NetAddr	State	MacAddr	If
10.225.0.218	Dynamic	00:90:27:f0:30:ca	1

# ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.0.217	255.255.255.252	10.225.0.219	1500	eth0	1
3	172.18.192.150	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	73800	0	30	20751260	113867	12	0	141332064
3	112761	0	8	144305248	49807	0	180	18475047
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	186542	629	0	0	163971	729	0	40

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
10.225.0.216	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.64.0	255.255.255.0	10.225.0.218	1	STATIC	ACTIVE
172.18.192.150	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

### 3 – Configurações dos Equipamentos

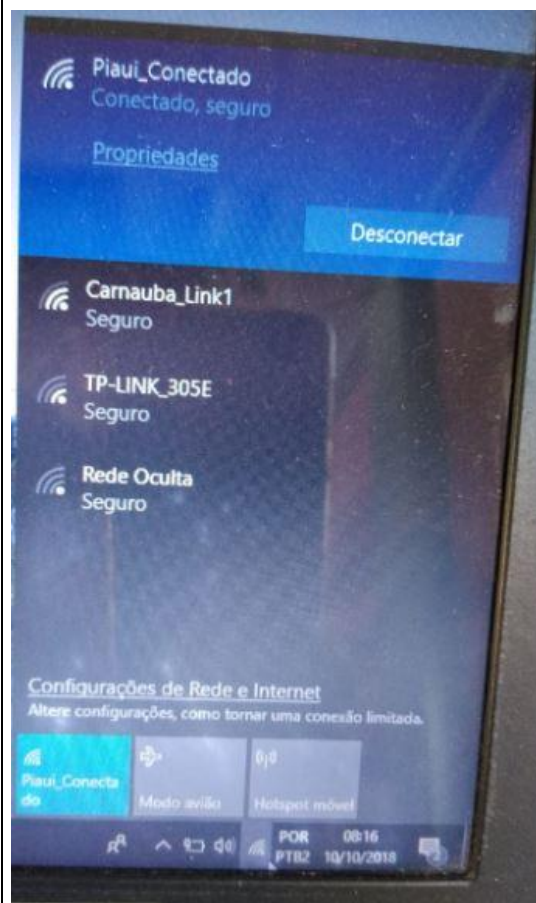
#### Configurações de Rede

Configurações	Interfaces	Roteamento Estático	Roteamento Dinâmico	Configurações IPv6	Controle de Banda	H.A.
Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	 eth0	10.225.0.218/30	-	Física	WAN	 
	 eth1	10.225.64.1/24	-	Física	LAN	 
	 eth2	-	-	Física	-	 
	 eth3	-	-	Física	-	 

```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.0.218 netmask 255.255.255.252 broadcast 10.225.0.219
    ether 00:90:27:f0:30:ca txqueuelen 10000 (Ethernet)
    RX packets 74685 bytes 88645275 (84.5 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 53572 bytes 8181509 (7.8 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 10.225.64.1 netmask 255.255.255.0 broadcast 10.225.64.255
    ether 00:90:27:f0:30:cb txqueuelen 10000 (Ethernet)
    RX packets 57242 bytes 8723750 (8.3 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 77861 bytes 93030707 (88.7 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 34296 bytes 6224598 (5.9 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 34296 bytes 6224598 (5.9 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```



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

