



# TERMO DE ACEITE TÉCNICO

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

**NOC/Operadora:** Jefferson Marques

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**ATI:** Wesley Souza

**Responsável/cliente:** Ildene Ferreira de Souza

**Orgão:** SEDUC

**Unidade:** SEDUC – Santa Luz

**Localidade:** 8°57'6.00"S 44°7'44.00"W

**Município:** Santa Luz

**Data Instalação**

26/10/2018

**Data Ativação**

26/10/2018

**Operadora**  
Global Eagle

**VSAT-ID**  
ATI-ES-0173 -IND

**Porta kbps**  
4096/512

**Tipo**  
Indoor

Piauí, 26 de Outubro de 2018

## 1 – Local da Instalação



## 2 – Configurações do Modem

# device show

### System Information:

Name : ATI-ES-0173-IND  
 Location : Santa Luz - PI  
 Contact :  
 System Up time : 0 days, 04:24:50  
 CPU Load : 44%  
 System time(UTC) : 29 October 2018 14:18:54  
 Broadcast Message : not set

### HW:

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

### MAC addresses:

LAN : 00:20:0e:10:8e:ec  
 Satellite (DVB) : 00:20:0e:10:8e:ec

# 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 : -17.8 dBm  
 Es/No : 13.0 dB  
 Header Compression : Disabled  
 Timing correction : -263 us (250927 us)  
 Frequency correction: 230 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

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Rx State : On  
 DVB State : Forward link up  
 Network : 1326, ATI-PI  
 Frequency : 11.628193 GHz  
 Symbol Rate : 25.000062 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 : 18.0 dB  
 Input Power : -28 dBm

# arp show

NetAddr	State	MacAddr	If
10.225.2.190	Dynamic	00:90:27:f0:88:10	1

# ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.2.189	255.255.255.252	10.225.2.191	1500	eth0	1
3	172.18.192.216	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	424802	7	0	83524053	649732	132	0	697806396	
3	617764	0	0	722913900	237965	0	0	68171207	
4	0	0	0	0	0	0	0	0	

  

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
1042234	674	0	0	889853	878	0	2	

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
10.225.2.188	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.185.0	255.255.255.0	10.225.2.190	1	STATIC	ACTIVE
172.18.192.216	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	10.225.2.190/30	-	Física	WAN	 
	 eth1	10.225.185.1/24	-	Física	LAN	 
	 eth2	-	-	Física	-	 
	 eth3	-	-	Física	-	 

```

eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.2.190 netmask 255.255.255.252 broadcast 10.225.2.191
    ether 00:90:27:f0:88:10 txqueuelen 1000 (Ethernet)
    RX packets 276 bytes 35758 (34.9 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 1672 bytes 114738 (112.0 KiB)
    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 10.225.185.1 netmask 255.255.255.0 broadcast 10.225.185.255
    ether 00:90:27:f0:88:11 txqueuelen 1000 (Ethernet)
    RX packets 9864 bytes 1539313 (1.4 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 10107 bytes 9084420 (8.6 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 17 memory 0xfe9e0000-fea00000

```



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

