



# TERMO DE ACEITE TÉCNICO

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

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**Orgão:** SEDUC

**Unidade:** SEDUC – Francinópolis

**Data Instalação**

03/10/2018

**Data Ativação**

03/10/2018

**Operadora**  
Global Eagle

**VSAT-ID**  
ATI-OU-0037-IND

**Porta kbps**  
4096/512

**Tipo**  
Indoor

Piauí, 03 de Outubro de 2018

## 1 – Local da Instalação



## 2 – Configurações do Modem

# device show

### System Information:

Name : ATI-ES-0125-IND  
 Location : Franciscopolis - PI  
 Contact :  
 System Up time : 0 days, 00:01:28  
 CPU Load : 31%  
 System time(UTC) : 03 October 2018 16:27:45  
 Broadcast Message : not set

### HW:

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

### MAC addresses:

LAN : 00:20:0e:10:86:f0  
 Satellite (DVB) : 00:20:0e:10:86:f0

# 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 : -19.9 dBm  
 Es/No : 14.0 dB  
 Header Compression : Disabled  
 Timing correction : -111 us (249912 us)  
 Frequency correction: 380 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 : 11.628306 GHz  
 Symbol Rate : 25.001949 Msps  
 S2 ModCod  
   - receiving : 1 QPSK-1/4  
   - current max : 16 8PSK-8/9

Pilot : On  
 Frame length : Short  
 DVB S2 Mode : ACM  
 DVB S2 Stream type : MPEG-TS  
 Roll off : 0.25  
 SNR : 12.9 dB  
 Input Power : -40 dBm

# arp show

NetAddr	State	MacAddr	If
10.225.1.214	Dynamic	80:ee:73:ae:21:0e	1

# ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.1.213	255.255.255.252	10.225.1.215	1500	eth0	1
3	172.18.192.86	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	2011	224	126	315071	2707	14	0	1785225
3	2631	0	61	1825107	1691	0	0	241293
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	4858	562	0	0	4583	409	0	109

Interface Directed Routing Table

In If Out If

-----IP LAC Statistics-----			
RPF	Src eq dest	RPF HitCount	Src eq dest HitCount
Disabled	Enabled	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
10.225.1.212	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.127.0	255.255.255.0	10.225.1.214	1	STATIC	ACTIVE
172.18.192.86	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

#

### 3 – Configurações dos Equipamentos

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.1.214 netmask 255.255.255.252 broadcast 10.225.1.215
    ether 00:90:27:ef:6f:e8 txqueuelen 10000 (Ethernet)
    RX packets 2280 bytes 221161 (215.9 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 3102 bytes 1290008 (1.2 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 10.225.127.1 netmask 255.255.255.0 broadcast 10.225.127.255
    ether 00:90:27:ef:6f:e9 txqueuelen 10000 (Ethernet)
    RX packets 6353 bytes 1788733 (1.7 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 7094 bytes 6155330 (5.8 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 17 memory 0xfe900000-fea00000
```

### Configurações de Rede

Configurações	Interfaces	Roteamento Estático	Roteamento Dinâmico	Configurações IPv6	Controle de Banda	H.A.
Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	eth0	10.225.1.214/30	-	Física	WAN	
	eth1	10.225.127.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	



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

