



## TERMO DE ACEITE TÉCNICO

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

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**Orgão:** SEDUC

**Unidade:** SEDUC – Novo Oriente do Piauí

**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-0037-IND  
 Location : NOVO ORIENTE DO PIAUI - PI  
 Contact :  
 System Up time : 0 days, 00:15:54  
 CPU Load : 20%  
 System time(UTC) : 03 October 2018 13:15:27  
 Broadcast Message : not set

### HW:

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

### MAC addresses:

Ethernet (LAN) : 00:20:0e:10:8c:d4  
 Satellite (DVB) : 00:20:0e:10:8c:d4

# dvb tx show

### Satellite (DVB) TX Configuration

-----  
 Auto start : Enabled  
 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 : -18.2 dBm  
 Es/No : 13.5 dB  
 Header Compression : Disabled  
 Timing correction : -299 us (249879 us)  
 Frequency correction: 180 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[Mbps] | 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 : 11.628156 GHz  
 Symbol Rate : 24.999930 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 : 12.4 dB

Input Power : -38 dBm

# arp show

| NetAddr     | State   | MacAddr           | If |
|-------------|---------|-------------------|----|
| 10.225.0.54 | Dynamic | 70:5a:b6:eb:69:8a | 1  |

# ip show

Interfaces

| If | IPAddress     | SubnetMask      | BroadCastAddr | MTU  | Alias | AdminStatus |
|----|---------------|-----------------|---------------|------|-------|-------------|
| 1  | 10.225.0.53   | 255.255.255.252 | 10.225.0.55   | 1500 | eth0  | 1           |
| 3  | 172.18.192.83 | 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                 | 122621 | 594    | 1039 | 43665859           | 211703 | 45     | 0    | 277151347 |
| 3                 | 208293 | 0      | 0    | 279936677          | 45782  | 0      | 0    | 37992905  |
| 4                 | 0      | 0      | 0    | 0                  | 0      | 0      | 0    | 0         |

| IP | Receive | Deliver | Errors | Discards | Forward | Request | NoRoute | Discards |
|----|---------|---------|--------|----------|---------|---------|---------|----------|
|    | 331488  | 876     | 0      | 0        | 256987  | 545     | 158     | 168      |

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 |
|---------------|-----------------|-------------|----|--------|
| 0.0.0.0       | 0.0.0.0         | 0.0.0.0     | 3  | STATIC |
| 10.225.0.52   | 255.255.255.252 | 0.0.0.0     | 1  | LOCAL  |
| 10.225.23.0   | 255.255.255.0   | 10.225.0.54 | 1  | STATIC |
| 172.18.192.83 | 255.255.255.255 | 0.0.0.0     | 3  | LOCAL  |














#

### 3 – Configurações dos Equipamentos

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.0.54 netmask 255.255.255.252 broadcast 10.225.0.55
    ether 00:90:27:f0:2e:86 txqueuelen 10000 (Ethernet)
    RX packets 12151 bytes 2634027 (2.5 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 9043 bytes 1769483 (1.6 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 10.225.23.1 netmask 255.255.255.0 broadcast 10.225.23.255
    ether 00:90:27:f0:2e:87 txqueuelen 10000 (Ethernet)
    RX packets 12319 bytes 2244045 (2.1 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 17000 bytes 8561401 (8.1 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 17 memory 0xfe9e0000-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 | 10.225.0.54/30 | -       | Física | WAN  |   |
|  |  eth1 | 10.225.23.1/24 | -       | Física | LAN  |   |
|  |  eth2 | -              | -       | Física | -    |   |
|  |  eth3 | -              | -       | Física | -    |   |



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

