TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Vitor Hugo	**Técnico Instalador:** Jean Polini **Contato**: 11 97701-2709 **Email**: jeanpolinitelecom@gmail.com
ATI: Weslley Souza	**Responsável/cliente:** DEUSINA DIAS PEREIRA

Orgão: SEDUC	**Data Instalação** 31/10/2018		**Data Ativação** 31/10/2018	
Unidade: SEDUC - Dom Inocêncio	**Município:** Dom Inocêncio - PI		**Coordenadas**: 9°0'20.00"S 41°58'36.00"W	
Operadora Global Eagle	**VSAT-ID** ATI-ES-0156-IND		**Porta kbps** 1024/256	**Tipo** Indoor

Piauí, 31 de Outubro de 2018

1 – Local da Instalação

2 – Configurações do Modem

```
#
device show#
device showSystem Information:
   Name              : ATI-ES-0156-IND
   Location          : Dom Inocêncio - PI
   Contact           :
   System Up time    : 0 days, 02:14:27
   CPU Load          : 52%
   System time(UTC)  : 31 October 2018 17:42:50
   Broadcast Message : not set


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

MAC addresses:
   LAN               : 00:20:0e:10:89:82
   Satellite (DVB)   : 00:20:0e:10:89:82

# dvb tx show
No Such Command
# 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    : -18.0 dBm
Es/No           : 14.0 dB
Header Compression  : Disabled
Timing correction   : -155 us (250163 us)
Frequency correction: 370 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       : 11.628122 GHz
Symbol Rate     : 24.999952 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             : 16.1 dB
Input Power     : -31 dBm
# arp show

  NetAddr       State  MacAddr          If
  10.225.2.122  Dynamic 00:90:27:f0:87:50   1
# ip show
Interfaces
If    IPAddress      SubnetMask   BroadCastAddr  MTU        Alias   AdminStatus
 1   10.225.2.121 255.255.255.252   10.225.2.123 1500          eth0   1
 3   172.18.192.94 255.255.255.255        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  113279    0      16   29007315  122845    72      0   63211642
 3  111634    0      20   61871640   93322     0     570   25785880
 4    0       0       0       0       0       0       0       0
IP  Receive  Deliver   Errors InDiscards  Forward  Request  NoRoute OutDiscards
   224909    722      0        0  217556     888      0        38


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
   10.225.2.120 255.255.255.252        0.0.0.0  1  LOCAL   ACTIVE
   10.225.168.0   255.255.255.0   10.225.2.122  1  STATIC  ACTIVE
   172.18.192.94 255.255.255.255        0.0.0.0  3  LOCAL   ACTIVE
#
```
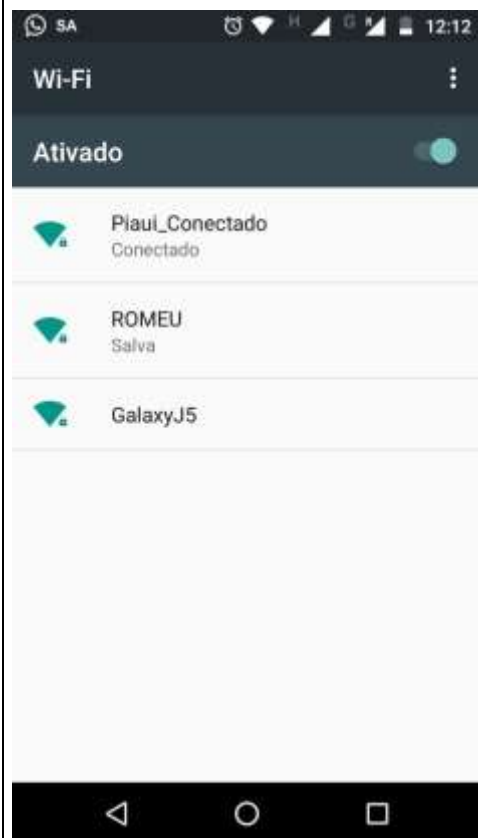
Configurações de Rede

| Configurações | Interfaces | Roteamento Estático | Roteamento Dinâmico | Configurações IPv6 | Controle de Banda | H.A. |

Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
●	ⓘ eth0	10.225.2.122/30	-	Física	WAN	✏ 🗑
●	ⓘ eth1	10.225.168.1/24	10.225.168.1	Física	LAN	✏ 🗑
○	ⓘ eth2	-	-	Física	-	✏ 🗑
○	ⓘ eth3	-	-	Física	-	✏ 🗑

```
eth0: flags=4099<UP,BROADCAST,MULTICAST>  mtu 1500
        inet 10.225.2.122  netmask 255.255.255.252  broadcast 10.225.2.123
        ether 00:90:27:f0:87:50  txqueuelen 10000  (Ethernet)
        RX packets 77  bytes 35497 (34.6 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 1  bytes 64 (64.0 B)
        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 10.225.168.1  netmask 255.255.255.0  broadcast 10.225.168.255
        ether 00:90:27:f0:87:51  txqueuelen 10000  (Ethernet)
        RX packets 4073  bytes 350886 (342.6 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 353  bytes 32752 (31.9 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device interrupt 17  memory 0xfe9e0000-fea00000
```

4 – Teste de Velocidade -Download/Upload