TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson Marques	**Técnico Instalador:** Claudinei **Contato**: 11 96577-9767 **Email**: claudinei@telecomtorre.com.br	
ATI: Weslley Souza	**Responsável/cliente:** Rosineide Guedes de Souza	

Orgão: SEDUC	**Unidade:** SEDUC – Sebastião Barros **Localidade**: 10°49'4.00"S - 44°50'1.00"W	**Data Instalação** 24/10/2018	**Data Ativação** 24/10/2018
Operadora Global Eagle	**VSAT-ID** ATI-ES-0179 -IND	**Porta kbps** 4096/512	**Tipo** Indoor

Piauí, 24 de Outubro de 2018

1 – Local da Instalação

2 – Configurações do Modem

```
# device show
System Information:
    Name              : ATI-ES-0179-IND
    Location          : Sebastiao Barros - PI
    Contact           :
    System Up time    : 0 days, 18:48:16
    CPU Load          : 24%
    System time(UTC)  : 24 October 2018 13:44:11
    Broadcast Message : not set


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


MAC addresses:
    LAN               : 00:20:0e:10:87:52
    Satellite (DVB)   : 00:20:0e:10:87:52


# 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              : 10.0 dB
Header Compression : Disabled
Timing correction  : -288 us (251433 us)
Frequency correction: 330 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       : 11.628099 GHz
Symbol Rate     : 24.999799 Msps
S2 ModCod
   - receiving   : 15   8PSK-5/6
   - 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             : 11.9 dB
Input Power     : -38 dBm
# arp show


  NetAddr      State  MacAddr          If
  10.225.2.214  Dynamic 00:90:27:f0:89:a8   1
# ip show
Interfaces
If    IPAddress     SubnetMask   BroadCastAddr  MTU        Alias   AdminStatus
 1   10.225.2.213 255.255.255.252   10.225.2.215 1500          eth0   1
 3  172.18.192.202 255.255.255.255       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  855531     5     0 597541593 1158122    547     0 956882761
 3 1014732     0    94 952006032 615983     0    40 574783715
 4    0      0     0     0     0     0     0     0
IP Receive  Deliver  Errors InDiscards  Forward  Request  NoRoute OutDiscards
  1867661   192     0      0 1773516   1023     0     95


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
  10.225.2.212 255.255.255.252      0.0.0.0  1  LOCAL   ACTIVE
  10.225.191.0  255.255.255.0   10.225.2.214  1  STATIC  ACTIVE
 172.18.192.202 255.255.255.255      0.0.0.0  3  LOCAL   ACTIVE
#
```
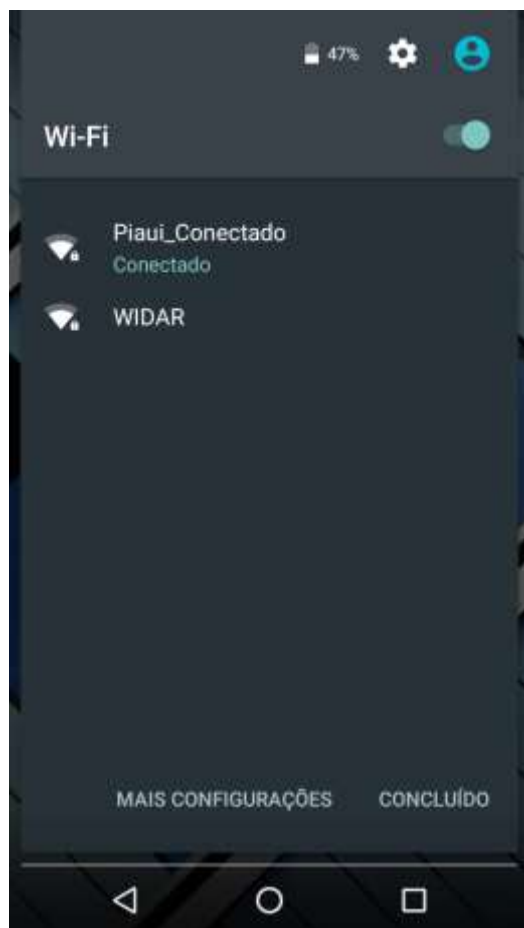
3 – Configurações dos Equipamentos

Configurações de Rede

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

Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
⬤	ⓘ eth0	10.225.2.214/30	-	Física	WAN	✏ 🗑
⬤	ⓘ eth1	10.225.191.1/24	-	Física	LAN	✏ 🗑
⬭	ⓘ eth2	-	-	Física	-	✏ 🗑
⬭	ⓘ eth3	-	-	Física	-	✏ 🗑

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.2.214  netmask 255.255.255.252  broadcast 10.225.2.215
        ether 00:90:27:f0:89:a8  txqueuelen 10000  (Ethernet)
        RX packets 50  bytes 12486 (12.1 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 466  bytes 33585 (32.7 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 10.225.191.1  netmask 255.255.255.0  broadcast 10.225.191.255
        ether 00:90:27:f0:89:a9  txqueuelen 10000  (Ethernet)
        RX packets 3786  bytes 763550 (745.6 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 7580  bytes 8731409 (8.3 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device interrupt 17  memory 0xfe9e0000-fea00000
```

4 – Teste de Velocidade -Download/Upload