TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Rogério Frias	**Técnico Instalador:** Jean Polini **Contato**: 11 97701-2709 **Email**: jeanpolinitelecom@gmail.com
ATI: Weslley Souza	**Responsável/cliente:** Maria Aparecida Mascarenhas

Orgão: SEDUC	**Unidade:** Unid. Escolar Antônio Mascarenhas	**Data Instalação** 15/10/2018	**Data Ativação** 15/10/2018
Operadora Global Eagle	**VSAT-ID** ATI-ES-0024-IND	**Porta kbps** 4096/512	**Tipo** Indoor

Piauí, 15 de outubro de 2018

1 – Local da Instalação

2 – Configurações do Modem

device show
System Information:
   Name   : ATI-ES-0024-IND

```
  Location         : - PI
  Contact          :
  System Up time     : 0 days, 00:05:05
  CPU Load         : 28%
  System time(UTC)   : 15 October 2018 14:28:45
  Broadcast Message   : not set

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

MAC addresses:
  Ethernet (LAN)     : 00:20:0e:10:9b:79
  Satellite (DVB)     : 00:20:0e:10:9b:79

# dvb rx show

Satellite (DVB) RX Configuration
-------------------------------
Auto start        : Enabled
Max Traffic MODCOD   : 23   16APSK-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       : 11.628176 GHz
Symbol Rate       : 24.999940 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           : 13.4 dB
Input Power       : -34 dBm
# dvb tx show

Satellite (DVB) TX Configuration
-------------------------------
Auto start       : Enabled
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   : -20.1 dBm
Es/No          : 13.5 dB
Header Compression  : Disabled
Timing correction   : -276 us (251382 us)
Frequency correction: 310 Hz
# ip show
Interfaces
If    IPAddress    SubnetMask BroadCastAddr MTU      Alias  AdminStatus
1   10.225.0.133 255.255.255.252   10.225.0.135 1500        eth0   1
3  172.18.192.174 255.255.255.255       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    4681     0    166  4627182   3346     7     0   827607
3    3328     0     0   823372   4412     0     1  4377119
4     0     0     0     0     0     0     0     0
IP  Receive  Deliver  Errors  Discards  Forward  Request  NoRoute  Discards
    8000     93     0      0    7818    163    29     214


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
 10.225.0.132 255.255.255.252     0.0.0.0  1  LOCAL
  10.225.43.0   255.255.255.0   10.225.0.134  1  STATIC
172.18.192.174  255.255.255.255     0.0.0.0  3  LOCAL
#
```
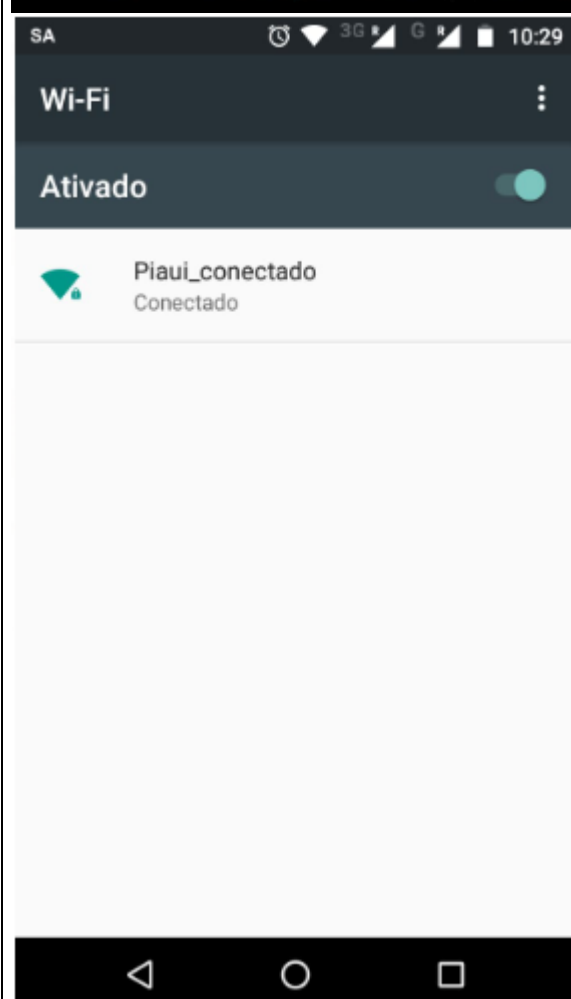
3 – Configurações dos Equipamentos

```
admin  >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.0.134  netmask 255.255.255.252  broadcast 10.225.0.135
        ether 00:90:27:ef:6e:f4  txqueuelen 10000  (Ethernet)
        RX packets 92547  bytes 118455518 (112.9 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 57343  bytes 20103746 (19.1 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 10.225.43.1  netmask 255.255.255.0  broadcast 10.225.43.255
        ether 00:90:27:ef:6e:f5  txqueuelen 10000  (Ethernet)
        RX packets 58684  bytes 20222307 (19.2 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 92356  bytes 118218701 (112.7 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device interrupt 17  memory 0xfe9e0000-fea00000
```

4 – Teste de Velocidade -Download/Upload

Graph (Username: ATI-ES-0024-IND)

Total FWD IP Rate from NetAcc   RET IP Rate from Netacc

3,500 Kbps

3,000 Kbps

2,500 Kbps

2,000 Kbps

1,500 Kbps

1,000 Kbps

500 Kbps

0 Kbps

10:40   10:41   10:42   10:43   10:44   10:45   10:46

10:20   10:25   10:30   10:35   10:40   10:45   10:50

From: 10-15-2018 10:3: to: 10-15-2018 10:4:   Zoom: MAX

xes   Export Data To CSV File   Show In FullScreen   Switch to Text View