TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Guilherme Cunha	**Técnico Instalador:** CLAUDNEI **Contato**: 11 96577-9767 **Email**: claudnei@telecomtorre.com.br
ATI: Weslley Souza	**Responsável/cliente:** Rufino Manoel de Almondes

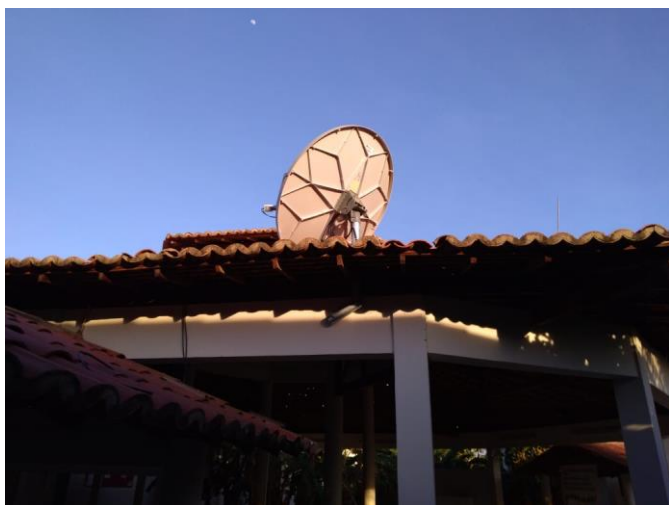| Orgão: SEDUC	Unidade: Unidade Escolar Maria Jucelina de A. e Silva	Data Instalação 19/09/2018	Data Ativação 19/09/2018
Operadora Global Eagle	**VSAT-ID** ATI-ES-0025-IND	**Porta kbps** 4096/512	**Tipo** Indoor

Piauí, 19 de Setembro de 2018

1 – Local da Instalação

2 – Configurações do Modem

```
# device show
System Information:
   Name            : ATI-ES-0025-IND
   Location        : PI
   Contact         :
   System Up time      : 0 days, 14:06:00
   CPU Load         : 8%
   System time(UTC)   : 21 September 2018 07:51:06
   Broadcast Message   : not set


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


MAC addresses:
   LAN             : 00:20:0e:10:86:25
   Satellite (DVB)    : 00:20:0e:10:86:25


# 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    : -20.2 dBm
Es/No          : 15.0 dB
Header Compression  : Disabled
Timing correction   : -164 us (249683 us)
Frequency correction: 100 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        : 11.628088 GHz
Symbol Rate      : 25.000332 Msps
S2 ModCod
    - receiving  : 1   QPSK-1/4
    - 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             : 12.8 dB
Input Power       : -38 dBm
# arp show

  NetAddr      State  MacAddr          If
   10.225.0.74  Dynamic 00:0b:ab:f5:c9:8c   1
# ip show
Interfaces
If   IPAddress     SubnetMask  BroadCastAddr  MTU       Alias   AdminStatus
1   10.225.0.73 255.255.255.252    10.225.0.75 1500         eth0   1
3  172.18.193.244 255.255.255.255        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  234118     0     0 70640545 348758    411     0 360704510
3  290007     0     1 369262441  79591     0     0 60062972
4    0     0     0     0     0     0     0      0
IP  Receive  Deliver   Errors InDiscards  Forward   Request  NoRoute  OutDiscards
   522424    628     0      0 426873   1077     0       3

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
  10.225.0.72  255.255.255.252      0.0.0.0  1  LOCAL  ACTIVE
  10.225.28.0   255.255.255.0    10.225.0.74  1  STATIC  ACTIVE
 172.18.193.244  255.255.255.255      0.0.0.0  3  LOCAL  ACTIVE
```
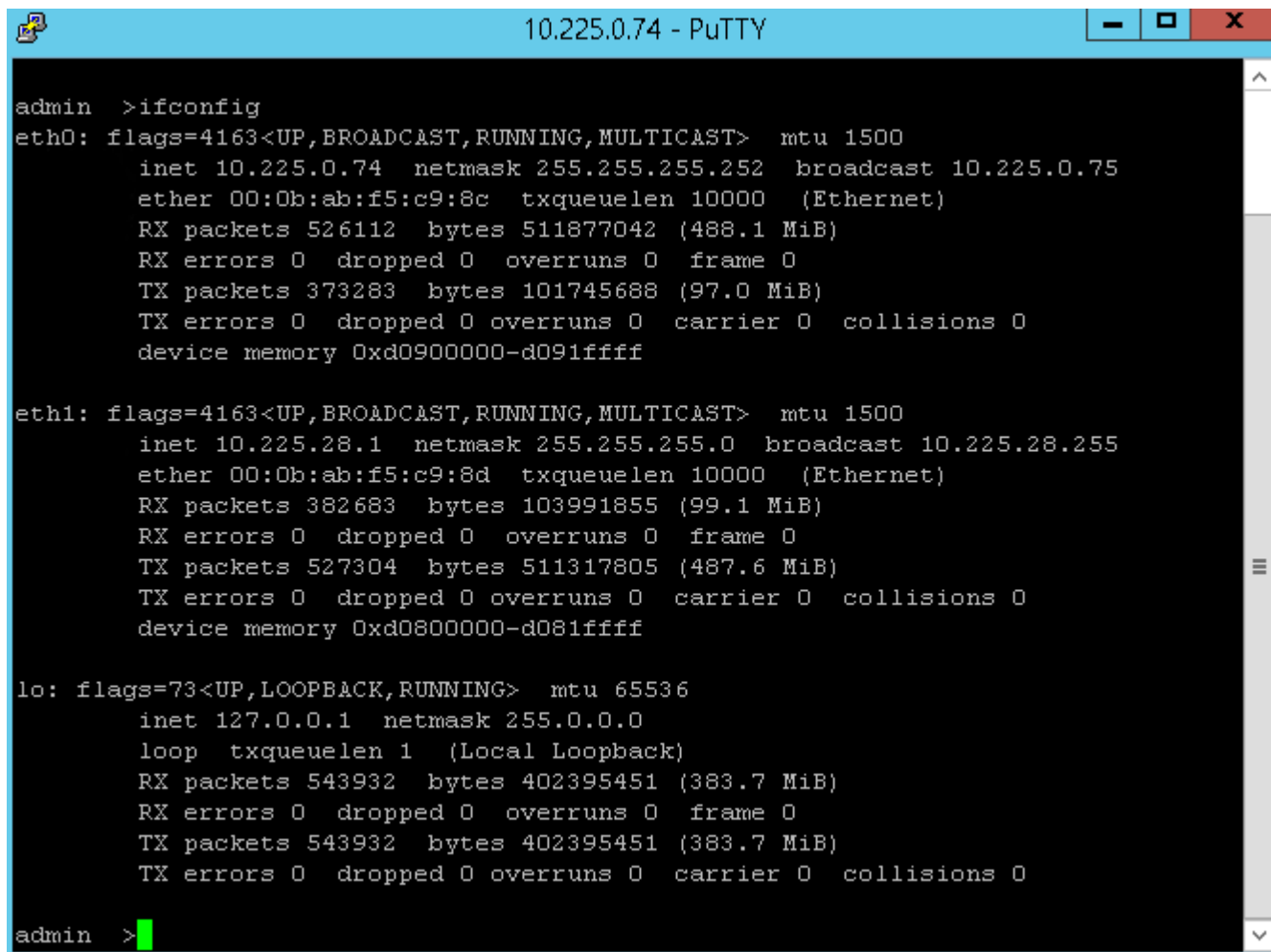
3 – Configurações dos Equipamentos

```
admin  >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.0.74  netmask 255.255.255.252  broadcast 10.225.0.75
        ether 00:0b:ab:f5:c9:8c  txqueuelen 10000  (Ethernet)
        RX packets 526112  bytes 511877042 (488.1 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 373283  bytes 101745688 (97.0 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device memory 0xd0900000-d091ffff

eth1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.28.1  netmask 255.255.255.0  broadcast 10.225.28.255
        ether 00:0b:ab:f5:c9:8d  txqueuelen 10000  (Ethernet)
        RX packets 382683  bytes 103991855 (99.1 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 527304  bytes 511317805 (487.6 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device memory 0xd0800000-d081ffff

lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
        inet 127.0.0.1  netmask 255.0.0.0
        loop  txqueuelen 1  (Local Loopback)
        RX packets 543932  bytes 402395451 (383.7 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 543932  bytes 402395451 (383.7 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

admin  >
```

10.225.0.74 - PuTTY

Wi-Fi

Ativado

Piaui_Conectado
Conectado

Piaui Conectado
Salva

4 – Teste de Velocidade

Download