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:** João Aplonio de Morais

Orgão: ATI	**Data Instalação** 13/11/2018		**Data Ativação** 13/11/2018
Unidade: Povoado Sobrado	**Município:** Pio IX		**Coordenadas:** 6°56'45.00"S 40°28'50.00"W

Operadora Global Eagle	VSAT-ID ATI-PU-0196-OUT	Porta kbps 1024/256	Tipo Outdoor

Piauí, 13 de novembro de 2018

1 – Local da Instalação
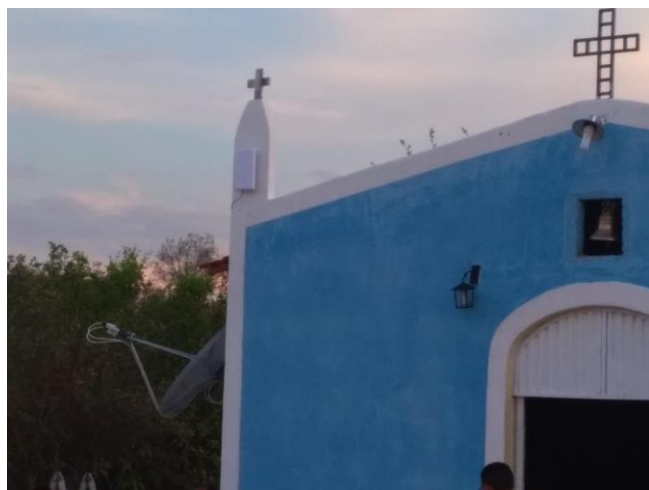
2 – Configurações do Modem

```
# device show
System Information:
   Name              : ATI-OU-0196-OUT
   Location          : Pio IX - PI
   Contact           :
   System Up time    : 0 days, 10:12:31
   CPU Load          : 9%
   System time(UTC)  : 14 November 2018 07:00:55
   Broadcast Message : not set

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

MAC addresses:
   LAN               : 00:20:0e:10:9d:e3
   Satellite (DVB)   : 00:20:0e:10:9d:e3

# dvb tx show

Satellite (DVB) TX Configuration
-------------------------------
Auto start          : Enabled
BUPC status         : Disabled
IDU Output Power    : -19 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    : -19.1 dBm
Es/No               : 11.5 dB
Header Compression  : Disabled
Timing correction   : -131 us (249436 us)
```

```
Frequency correction: 90 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        : 11.628062 GHz
Symbol Rate      : 24.999939 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              : 15.6 dB
Input Power      : -32 dBm
# arp show


  NetAddr     State   MacAddr        If
  10.225.3.26  Dynamic 00:90:27:ef:6e:c0   1
# ip show
Interfaces
If     IPAddress     SubnetMask  BroadCastAddr  MTU       Alias  AdminStatus
 1    10.225.3.25 255.255.255.252    10.225.3.27 1500          eth0    1
 3  172.18.192.240 255.255.255.255        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  533205   1577    3520 136364188  759489     396     0 814793089
 3  732661      0     505 826420157  388972      0     0 121118885
 4      0      0      0       0      0      0     0      0
IP  Receive  Deliver  Errors InDiscards  Forward  Request  NoRoute OutDiscards
  1267370   3583     0       0 1151337    2839     494     1676


Interface Directed Routing Table
 In If  Out If
```
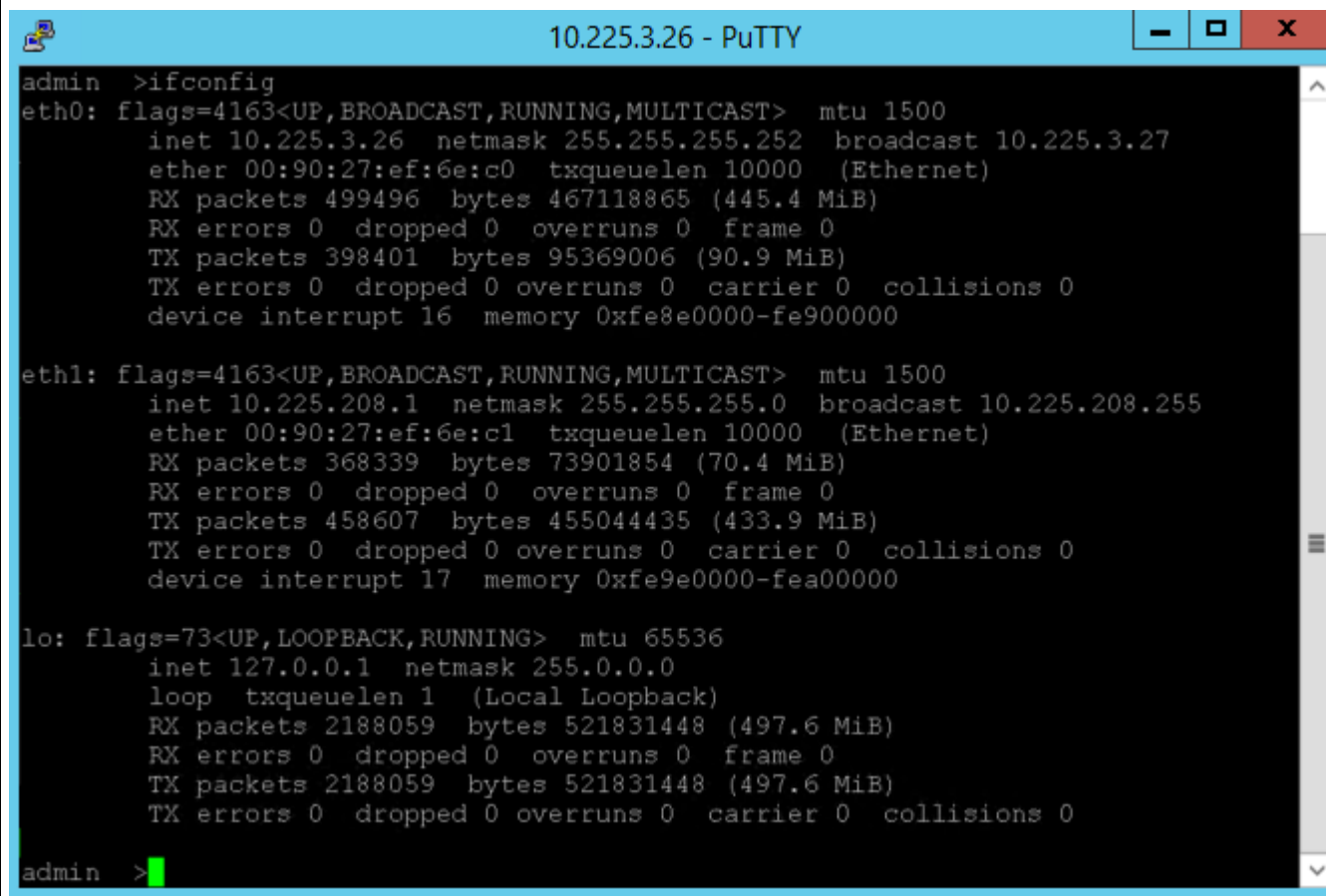
```
---------------IP LAC Statistics----------------
 RPF     Src eq dest    RPF HitCount    SrceqdestHitCount    MfcHitCount (-1/drop classified)
Disabled    Enabled        0              0                  0

Routing Table
   DestMask       RouteMask       NextHop  If  RtType  Row-Status
   0.0.0.0        0.0.0.0         0.0.0.0  3   STATIC  ACTIVE
  10.225.3.24  255.255.255.252     0.0.0.0  1   LOCAL   ACTIVE
  10.225.208.0  255.255.255.0    10.225.3.26  1   STATIC  ACTIVE
 172.18.192.240 255.255.255.255    0.0.0.0  3   LOCAL   ACTIVE
#
```

3 – Configurações dos Equipamentos

19:41

Ter, 13 de nov de 2018   ⏰ 06:02

Assistente de Áudio

Otimização do sistema

Calculadora

PowerMaster

Gerenciador de inicialização

Lanterna

Dados móveis

Piaui_Conectado

Som

Localização

Roteador Wi-Fi

Filtro de luz azul

Sem serviço ╱ Sem serviço

M Gmail • claudnei@telecomtorre.com.br • 13 min ^

claudnei@telecomtorre.com.br   C
Revisao: ATI-196-PIO-IX
Senhores.
Esqueci o nome do operador...
-------- Mensagem original --------
Assunto: ATI-196-PIO-IX
Data: 2018-11-13 20:01
De: claudnei@telecomtorre.com.br
Para: noc-sp@globaleagle.com, noc-geo@hotmail

4 – Teste de Velocidade -Download/Upload

Graph (Username: ATI-OU-0196-OUT)

🟥 Total FWD IP Rate from NetAcc   🟧 RET IP Rate from Netacc