TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Vitor Hugo	**Técnico Instalador:** Claudnei Silva **Contato**: 11 96577-9767 **Email**: jeanpolinitelecom@gmail.com
ATI: Weslley Souza	**Responsável/cliente:** Edmilson da Costa Silva

Orgão: SEDUC	**Data Instalação** 31/10/2018		**Data Ativação** 31/10/2018
Unidade: SEDUC - Arraial	**Município:** Arraial- PI		**Coordenadas**: 6°40'18.00"S - 42°32'24.00"W

Operadora Global Eagle	VSAT-ID ATI-ES-0163-IND	Porta kbps 1024/256	Tipo Indoor

Piauí, 31 de Outubro de 2018

1 – Local da Instalação

```
2 – Configurações do Modem
# device show
System Information:
   Name            : ATI-ES-0163-IND
   Location        : Arraial - PI
   Contact         :
   System Up time    : 0 days, 02:40:32
   CPU Load        : 37%
   System time(UTC)   : 31 October 2018 19:09:03
   Broadcast Message   : not set

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

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

# 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    : -19.8 dBm
Es/No         : 11.5 dB
Header Compression  : Disabled
Timing correction   : -95 us (250113 us)
Frequency correction: 390 Hz
# dvb rx show

Satellite (DVB) RX Configuration
-------------------------------
Auto start         : Enabled
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      : 11.628195 GHz
Symbol Rate    : 25.000161 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            : 16.8 dB
Input Power      : -31 dBm
# arp show

  NetAddr      State  MacAddr          If
  10.225.2.150  Dynamic 00:90:27:ef:70:b0   1
# ip show
Interfaces
If    IPAddress     SubnetMask  BroadCastAddr  MTU        Alias   AdminStatus
1    10.225.2.149 255.255.255.252   10.225.2.151  1500            eth0   1
3    172.18.192.97 255.255.255.255        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   13947     8     1   2668726   16288     82     0   6944784
3   14720     0     0   8312616   11836     0     0   2295164
4    0     0    0     0    0     0    0     0
IP  Receive  Deliver   Errors InDiscards  Forward  Request  NoRoute OutDiscards
    28468    935     0     0   28046   1075     0     2

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
  10.225.2.148  255.255.255.252      0.0.0.0  1   LOCAL  ACTIVE
  10.225.175.0   255.255.255.0   10.225.2.150  1  STATIC  ACTIVE
  172.18.192.97 255.255.255.255       0.0.0.0  3   LOCAL  ACTIVE
#
```
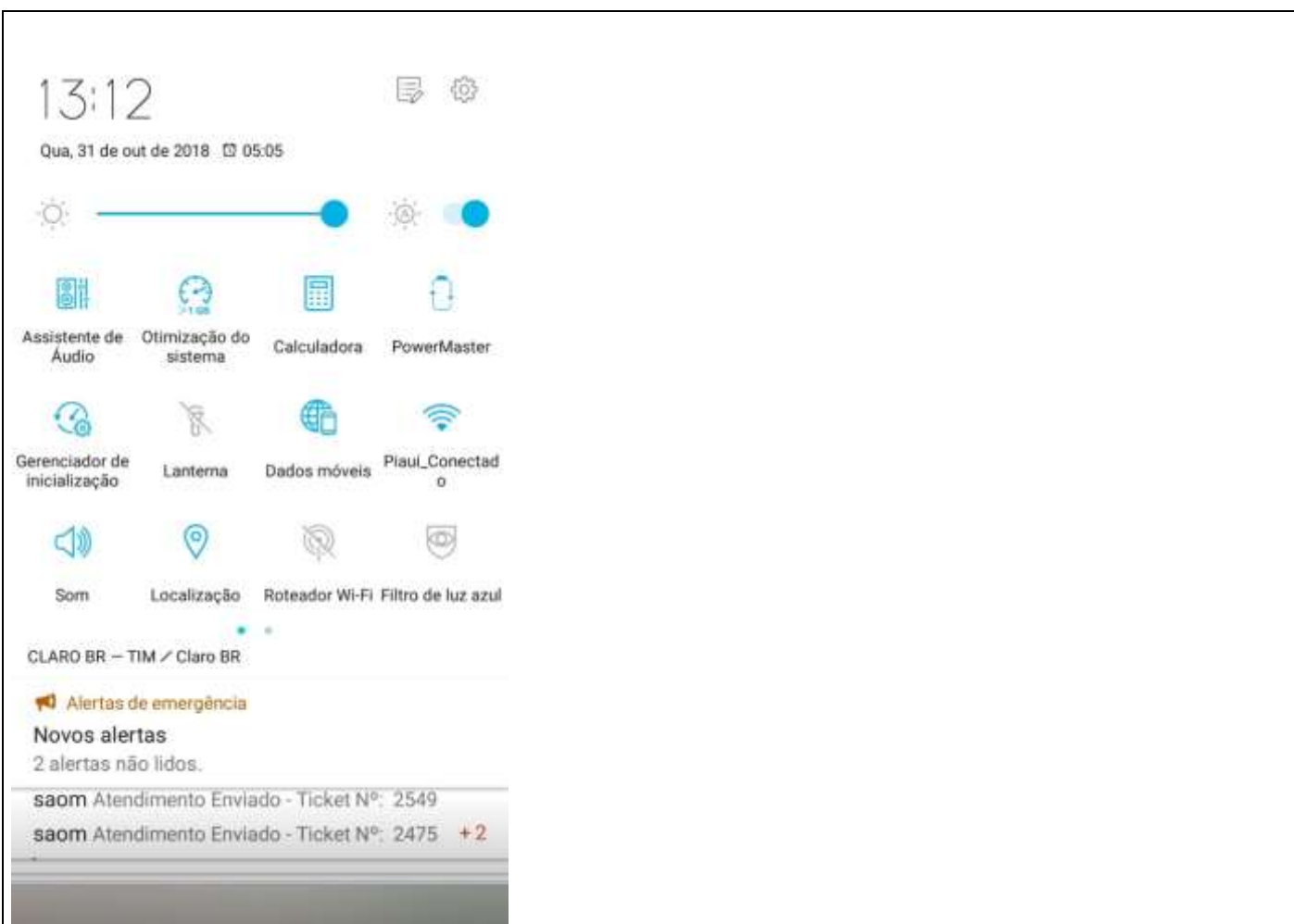
3 – Configurações dos Equipamentos

Configurações de Rede

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

Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
⬤	🛈 eth0	10.225.2.150/30	-	Física	WAN	✏ 🗑
⬤	🛈 eth1	10.225.175.1/24	-	Física	LAN	✏ 🗑
⬭	🛈 eth2	-	-	Física	-	✏ 🗑
⬭	🛈 eth3	-	-	Física	-	✏ 🗑

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.2.149  netmask 255.255.255.252  broadcast 10.225.2.151
        ether 00:90:27:ef:70:b0  txqueuelen 10000  (Ethernet)
        RX packets 13  bytes 832 (832.0 B)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 13  bytes 832 (832.0 B)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device interrupt 16  memory 0xfe8e0000-fe900000

eth1: flags=4099<UP,BROADCAST,MULTICAST>  mtu 1500
        inet 10.225.175.1  netmask 255.255.255.0  broadcast 10.225.175.255
        ether 00:90:27:ef:70:b1  txqueuelen 1000  (Ethernet)
        RX packets 1563  bytes 143828 (140.4 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 115  bytes 10247 (10.0 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device interrupt 17  memory 0xfe9e0000-fea00000
```

13:12

Qua, 31 de out de 2018   05:05

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

CLARO BR — TIM / Claro BR

📢 Alertas de emergência

Novos alertas
2 alertas não lidos.

saom Atendimento Enviado - Ticket N°: 2549
saom Atendimento Enviado - Ticket N°: 2475   + 2

4 – Teste de Velocidade -Download/Upload

Graph (Username: ATI-ES-0163-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

12:47   12:48   12:49   12:50   12:51   12:52

12:40   12:45

From: 10-31-2018 12:4 to: 10-31-2018 12:5   Zoom: MAX