TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Guilherme Cunha	**Técnico Instalador:** Osvaldo Costa Oliveira **Contato**: 86 9 9802 4522 **Email**: costa-osvaldo@hotmail.com
ATI: Weslley Souza	**Responsável/cliente:** KARIANE PEREIRA MONTEIRO

Orgão: SEDUC	**Unidade:** Unidade Escolar Pio XII	**Data Instalação** 02/10/2018	**Data Ativação** 02/10/2018
Operadora Global Eagle	**VSAT-ID** ATI-ES-0092-OUT	**Porta kbps** 4096/512	**Tipo** Outdoor

Piauí, 02 de outubro de 2018

1 – Local da Instalação

2 – Configurações do Modem

```
# device show
System Information:
   Name            : ATI-ES-0092-OUT
   Location        : Miguel Le▓▓o -PI
   Contact         :
   System Up time     : 0 days, 21:24:25
   CPU Load         : 8%
   System time(UTC)   : 03 October 2018 07:13:18
   Broadcast Message   : not set


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


MAC addresses:
   LAN             : 00:20:0e:10:86:48
   Satellite (DVB)    : 00:20:0e:10:86:48


# 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            : 15.0 dB
Header Compression  : Disabled
Timing correction   : -99 us (250079 us)
Frequency correction: 10 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       : 11.628153 GHz
Symbol Rate     : 25.001285 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             : 13.3 dB
Input Power     : -32 dBm
# arp show

  NetAddr      State  MacAddr          If
  10.225.0.242  Dynamic 00:90:27:f0:32:ae   1
# ip show
Interfaces
If   IPAddress     SubnetMask  BroadCastAddr  MTU        Alias   AdminStatus
1   10.225.0.241 255.255.255.252   10.225.0.243  1500          eth0    1
3   172.18.192.75 255.255.255.255       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 6436016    6     38  798215677 10023520    622     0 3382669017
3 9939277    0      1 3848674290 5116133    0    3200 645764611
4   0    0     0      0     0     0     0      0
IP  Receive  Deliver  Errors InDiscards  Forward  Request  NoRoute OutDiscards
  16373733   5427    0       0 15156718  6210    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
  10.225.0.240  255.255.255.252     0.0.0.0  1  LOCAL   ACTIVE
  10.225.70.0   255.255.255.0   10.225.0.242  1  STATIC   ACTIVE
  172.18.192.75  255.255.255.255      0.0.0.0  3  LOCAL   ACTIVE
```
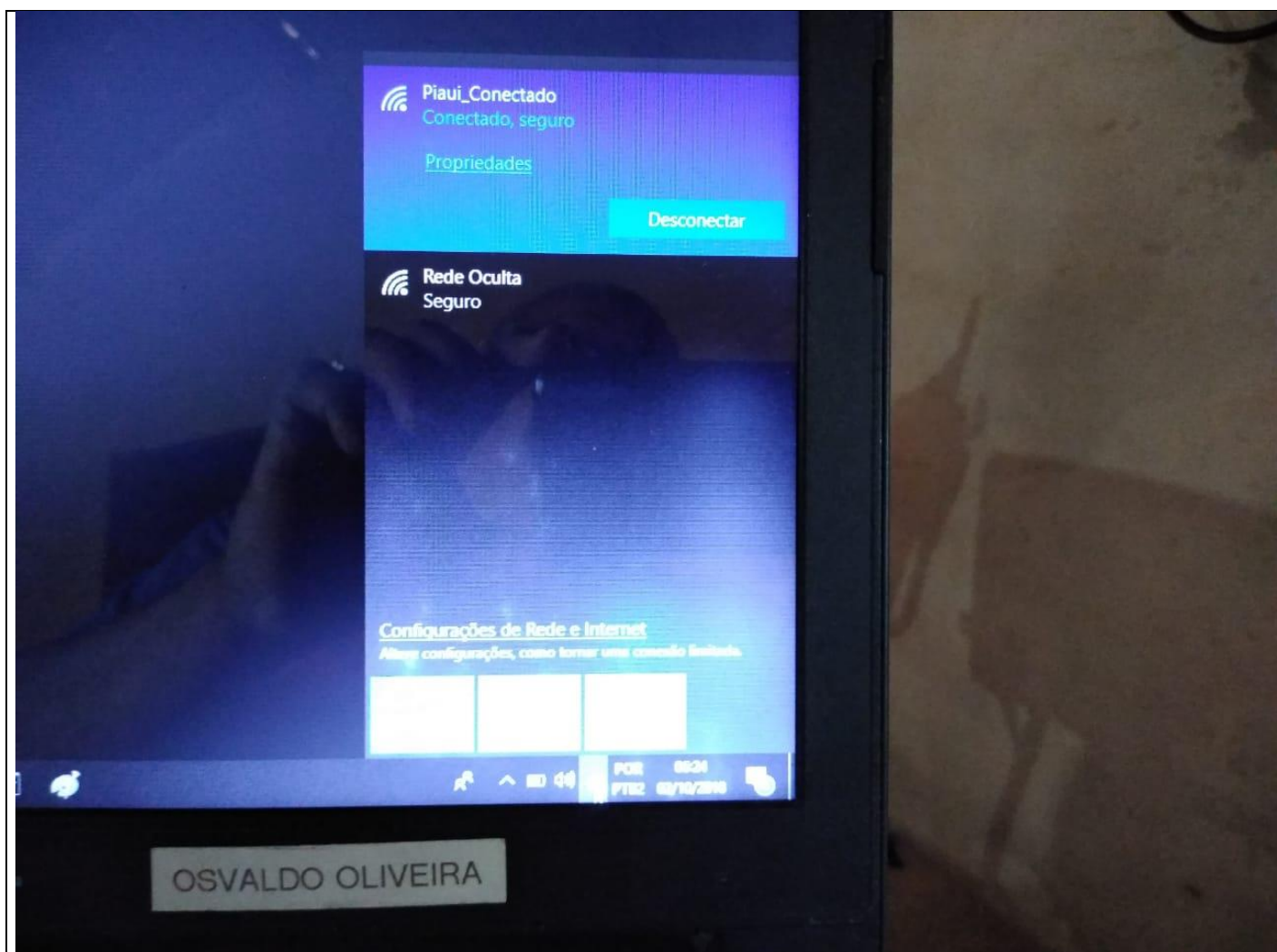
```
10.225.0.242 - PuTTY                                    [_][□][X]

Welcome to BlockBit
Type '?' or 'help' to get the list of allowed commands

admin  >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.0.242  netmask 255.255.255.252  broadcast 10.225.0.243
        ether 00:90:27:f0:32:ae  txqueuelen 10000  (Ethernet)
        RX packets 10024325  bytes 12012699577 (11.1 GiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 6436331  bytes 824004377 (785.8 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 10.225.70.1  netmask 255.255.255.0  broadcast 10.225.70.255
        ether 00:90:27:f0:32:af  txqueuelen 10000  (Ethernet)
        RX packets 6492023  bytes 830747763 (792.2 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 10019046  bytes 12007627067 (11.1 GiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device interrupt 17  memory 0xfe9e0000-fea00000

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 359744  bytes 261926647 (249.7 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 359744  bytes 261926647 (249.7 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

admin  >
```

4 – Teste de Velocidade

Download