



## TERMO DE ACEITE TÉCNICO

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

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Orgão: SEDUC	Unidade: Unidade Escolar José Ricardo de Morais		Data Instalação 4/09/2018	<b>Data Ativação</b> 4/09/2018
<b>Operadora</b> Global Eagle		VSAT-ID ATI-ES-0055-IND	Porta kbps 1024/256	<b>Tipo</b> Indoor

Piauí, 4 de Setembro de 2018

## 1 – Local da Instalação









## 2 – Configurações do Modem

# device show

System Information:

Name : ATI-ES-0055-IND

Location : PI Contact :

System Up time : 0 days, 03:31:47

CPU Load : 7%

System time(UTC) : 04 September 2018 22:17:15

Broadcast Message : not set

HW:

Model : SatLink 2000 HW ID : 120033

Main board ID : 120026 R6.2

MAC addresses:

Ethernet (LAN) : 00:20:0e:10:85:b2 Satellite (DVB) : 00:20:0e:10:85:b2

# dvb tx show

Satellite (DVB) TX Configuration

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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

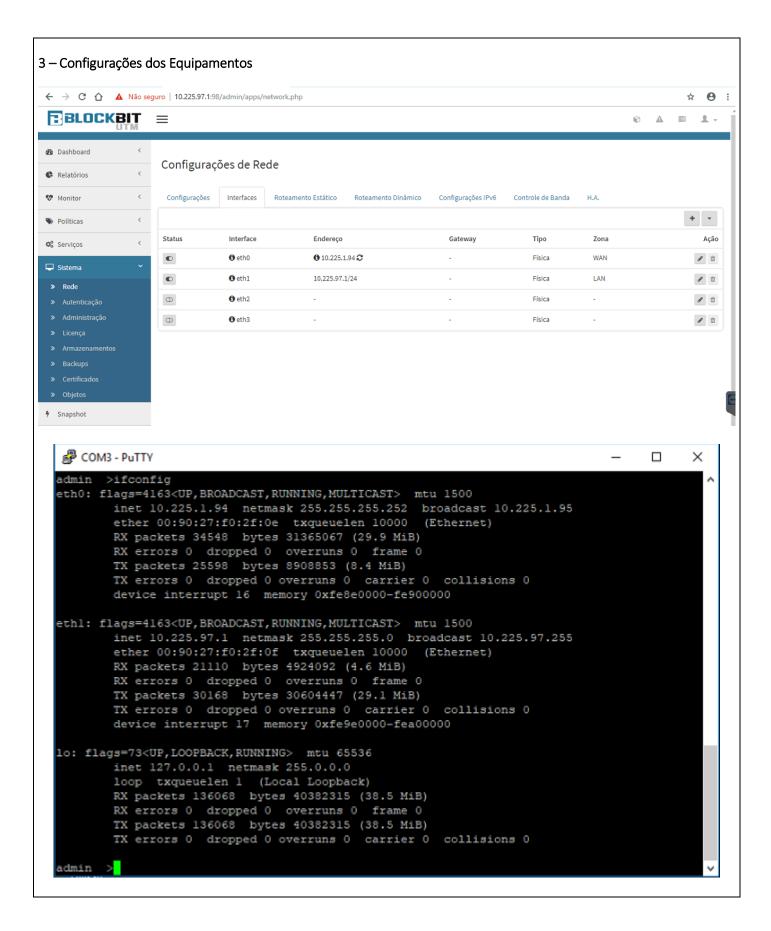
Satellite (DVB) Transmitter Status

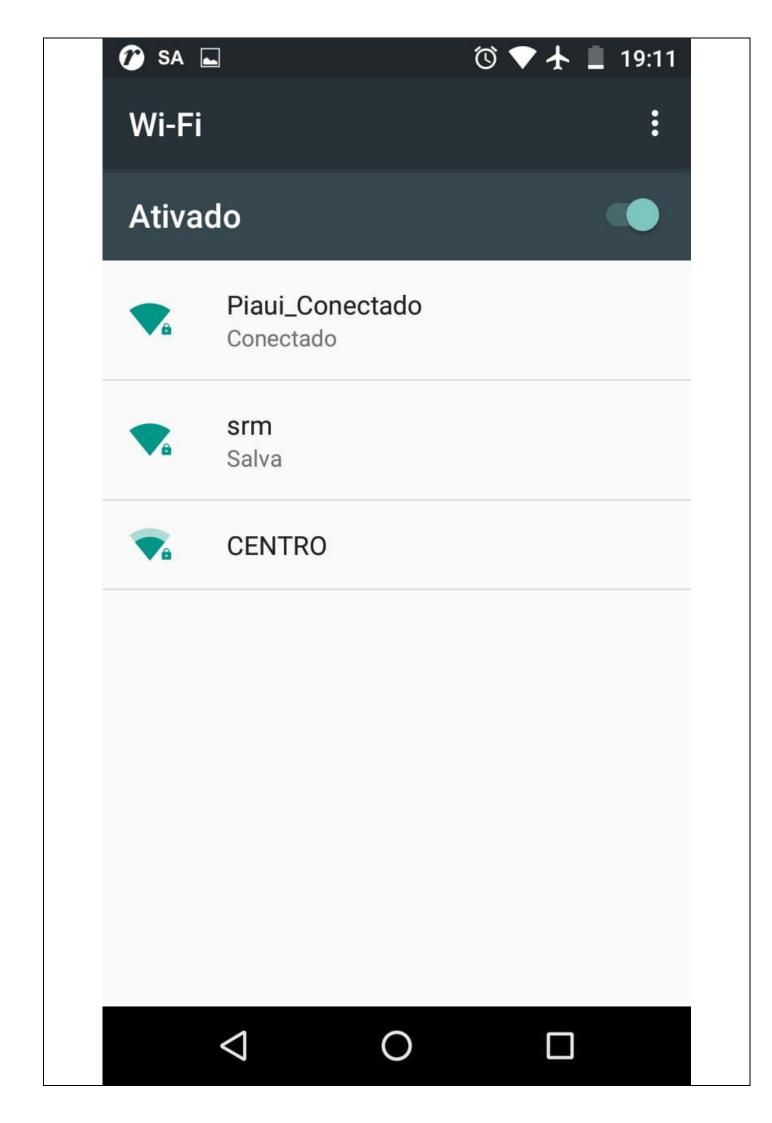
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State : On (DVB-RCS2)
IDU Output Power : -20.0 dBm

```
Es/No
           : 13.5 dB
Header Compression: Disabled
Timing correction: -62 us (249434 us)
Frequency correction: 280 Hz
# dvb rx show
Satellite (DVB) RX Configuration
Auto start
             : Enabled
Max Traffic MODCOD : 23 16APSK-9/10
RX watchdog : 15 minute
                                                                           Enable
Idx Pri SymbRate[Msps] Freq[GHz] Mode PopId SatId Pos SatName
                                                                Name
* 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
            : 11.628076 GHz
Symbol Rate : 24.999994 Msps
S2 ModCod
  - receiving : 1 QPSK-1/4
  - current max : 13 8PSK-2/3
Pilot
        : On
Frame length
            : Short
DVB S2 Mode
              : ACM
DVB S2 Stream type: MPEG-TS
Roll off
          : 0.25
SNR
           : 9.2 dB
Input Power : -40 dBm
# arp show
 NetAddr State MacAddr
 10.225.1.94 Dynamic 00:90:27:f0:2f:0e 1
# ip show
Interfaces
   IPAddress SubnetMask BroadCastAddr MTU Alias AdminStatus
lf
1 10.225.1.93 255.255.255.252 10.225.1.95 1500
                                                    eth0 1
3 172.18.193.234 255.255.255.255
                                    N/A 1500
                                                   dvb0 1
       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 168467 832 2520 66803349 244375 122
                                                0 272184852
3 238884
            0
                 0 270440906 107248
                                        0
                                             0 60643719
                    0
          0
              0
                         0
                              0
                                  0
                                        0
IP Receive Deliver Errors Discards Forward Request NoRoute Discards
                                           330
  407960 16106
                 0
                       0 337654 16439
                                                  2836
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 10.225.1.92 255.255.255.252 0.0.0.0 1 LOCAL						
10.225.97.0 255.255.255.0 10.225.1.94 1 STATIC						
172.18.193.234 255.255.255.255 0.0.0.0 3 LOCAL						





## 4 – Teste de Velocidade Download Graph (Username: ATI-ES-0055-IND) Total FWD IP Rate from NetAcc RET IP Rate from Netacc 1,000 Kbps 900 Kbps 800 Kbps 700 Kbps 600 Kbps 500 Kbps 400 Kbps 300 Kbps 200 Kbps 17:38:30 17:39 17:40 17:40:30 17:41 17:39:30 0 17:38:30 17:39 17:39:30 17:40 17:40:30 17:41 From: 09-04-2018 17:38 to: 09-04-2018 17:41 Zoom: MAX