TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Bernardes	**Técnico Instalador:** Fernando Dantas **Contato**: (86) 99406-0011 **Email**: nando_dantas@hotmail.com
ATI: Weslley Souza	**Responsável/cliente:** Francisca Gomes

Orgão: SEDUC	Unidade: Unidade Escolar Pedro Coelho de Resende		Data Instalação 22/12/2018	Data Ativação 22/12/2018
Operadora Global Eagle	**VSAT-ID** ATI-ES-0223-IND		**Porta kbps** 4096/512	**Tipo** Indoor

Piauí, 22 de dezembro de 2018

1 – Local da Instalação

2 – Configurações do Modem

```
# device show
System Information:
    Name            : ATI-ES-0223-IND
    Location        :
    Contact         :
    System Up time      : 0 days, 01:56:30
    CPU Load        : 43%
    System time(UTC)    : 22 December 2018 01:20:38
    Broadcast Message   : not set


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


MAC addresses:
    LAN             : 00:20:0e:10:58:0d
    Satellite (DVB)     : 00:20:0e:10:58:0d

# 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       : 11.628079 GHz
Symbol Rate     : 24.999722 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             : 16.3 dB
Input Power     : -23 dBm
# 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          : 14.0 dB
Header Compression  : Disabled
Timing correction   : 69 us (249797 us)
Frequency correction: 200 Hz
# ip show
Interfaces
If    IPAddress     SubnetMask  BroadCastAddr  MTU       Alias  AdminStatus
1   10.225.3.133 255.255.255.252   10.225.3.135  1500         eth0   1
3  172.18.137.229 255.255.255.255       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  133134   2173    265  65661782  192003    98    0  164700356
3  123431    0     0 141312417  76069    0    0  59588474
4    0    0    0    0    0    0    0    0
IP  Receive  Deliver  Errors InDiscards  Forward  Request  NoRoute OutDiscards
   257502   23404    0    0  268143  52577   195     195

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
  10.225.3.132 255.255.255.252      0.0.0.0 1   LOCAL  ACTIVE
  10.225.235.0  255.255.255.0   10.225.3.134 1  STATIC  ACTIVE
 172.18.137.229 255.255.255.255      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	10.225.3.134/30	-	Física	WAN	
	ⓘ eth1	10.225.235.1/24	-	Física	LAN	
	ⓘ eth2	-	-	Física	-	
	ⓘ eth3	-	-	Física	-	
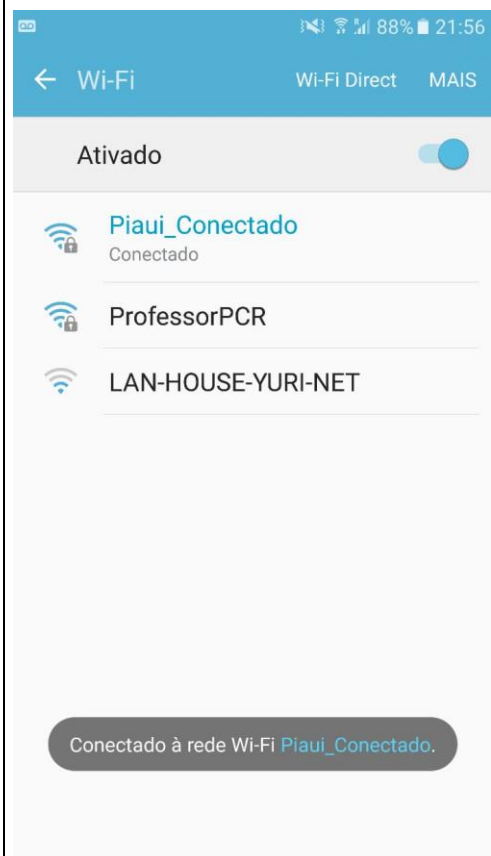
4 – Teste de Velocidade -Download/Upload