TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson Marques	**Técnico Instalador:** Marcos Antonio **Contato**: 11 97701-2709 **Email**: jeanpolinitelecom@gmail.com	
ATI: Weslley Souza	**Responsável/cliente**: NIVALDO DA SILVA ARAUJO	

Orgão: SEDUC	**Unidade:** SEDUC - Secretaria de Estado da Educação **Localidade:** 6°47'53.00"S 42°16'48.00"W **Municipio:** Santa Rosa do Piauí	**Data Instalação** 29/10/2018	**Data Ativação** 29/10/2018
Operadora Global Eagle	**VSAT-ID** ATI-ES-0150-IND	**Porta kbps** 4096/512	**Tipo** indoor

Piauí, 29 de Outubro de 2018

1 – Local da Instalação

2 – Configurações do Modem

```
# device show
System Information:
    Name                : ATI-ES-0150-IND
    Location            : Santa Rosa do Piauí - PI
    Contact             :
    System Up time      : 0 days, 01:17:33
    CPU Load            : 54%
    System time(UTC)    : 29 October 2018 16:06:29
    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:51
    Satellite (DVB)     : 00:20:0e:10:9d:51


# 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    : -20.1 dBm
Es/No          : 12.0 dB
Header Compression  : Disabled
Timing correction   : -224 us (250033 us)
Frequency correction: 380 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      : 11.628181 GHz
Symbol Rate    : 25.000120 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            : 16.9 dB
Input Power    : -32 dBm
# arp show


  NetAddr      State  MacAddr         If
   10.225.2.98  Dynamic 00:90:27:f0:85:00   1
# ip show
Interfaces
If    IPAddress    SubnetMask  BroadCastAddr  MTU       Alias   AdminStatus
1    10.225.2.97 255.255.255.252   10.225.2.99  1500          eth0    1
3   172.18.192.223 255.255.255.255      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  27655    13     1   14828834  32097    42     0  18789554
3  24472     0     0  18030170  21240     0     0  14124928
4    0      0     0      0      0      0     0      0
IP  Receive  Deliver   Errors InDiscards  Forward  Request  NoRoute OutDiscards
    51975    292      0      0  53414    353      0      4


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
   10.225.2.96  255.255.255.252       0.0.0.0  1  LOCAL   ACTIVE
   10.225.162.0   255.255.255.0    10.225.2.98  1  STATIC  ACTIVE
  172.18.192.223 255.255.255.255      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	10.225.2.98/30	-	Física	WAN	✎ 🗑
◉	ⓘ eth1	10.225.162.1/24	-	Física	LAN	✎ 🗑
◎	ⓘ eth2	-	-	Física	-	✎ 🗑
◎	ⓘ eth3	-	-	Física	-	✎ 🗑

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.2.98  netmask 255.255.255.252  broadcast 10.225.2.99
        ether 00:90:27:f0:85:00  txqueuelen 10000  (Ethernet)
        RX packets 1333  bytes 295463 (288.5 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 1410  bytes 382155 (373.1 KiB)
        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 10.225.162.1  netmask 255.255.255.0  broadcast 10.225.162.255
        ether 00:90:27:f0:85:01  txqueuelen 10000  (Ethernet)
        RX packets 1383  bytes 395693 (386.4 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 1426  bytes 307729 (300.5 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device interrupt 17  memory 0xfe9e0000-fea00000
```

4 – Teste de Velocidade -Download/Upload