TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson Marques	**Técnico Instalador:** Jean Polini **Contato**: 11 97701-2709 **Email**: jeanpolinitelecom@gmail.com
ATI: Weslley Souza	**Responsável/cliente:** ADNORA DE OLIVEIRA PAES

Orgão: SEDUC	**Unidade:** SEDUC - Coronel José Dias	**Data Instalação** 22/10/2018	**Data Ativação** 22/10/2018
Operadora Global Eagle	**VSAT-ID** ATI-ES-0157-IND	**Porta kbps** 4096/512	**Tipo** indoor

Piauí, 22 de Outubro de 2018

1 – Local da Instalação

2 – Configurações do Modem

```
# device show
System Information:
   Name              : ATI-ES-0157-IND
   Location          : Coronel Jose Dias - PI
   Contact           :
   System Up time    : 0 days, 00:04:14
   CPU Load          : 49%
   System time(UTC)  : 22 October 2018 19:13:46
   Broadcast Message  : not set


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


MAC addresses:
   LAN               : 00:20:0e:10:86:2a
   Satellite (DVB)   : 00:20:0e:10:86:2a


# dvb tx show


Satellite (DVB) TX Configuration
-------------------------------
Auto start          : Enabled
BUPC status         : Disabled
IDU Output Power    : -18 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    : -18.1 dBm
Es/No           : 14.0 dB
Header Compression  : Disabled
Timing correction   : -44 us (250317 us)
Frequency correction: 310 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       : 11.628105 GHz
Symbol Rate     : 25.000005 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             : 13.7 dB
Input Power     : -35 dBm
# arp show


  NetAddr      State  MacAddr          If
  10.225.2.126  Dynamic 00:90:27:ef:71:08   1
# ip show
Interfaces
If   IPAddress     SubnetMask  BroadCastAddr  MTU       Alias   AdminStatus
1   10.225.2.125 255.255.255.252   10.225.2.127  1500        eth0   1
3   172.18.192.196 255.255.255.255       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   197    0    5   39586   223    7    0   54984
3   250    0    8   36420   335    0    0   41083
4   0    0    0    0    0    0    0    0
IP  Receive  Deliver  Errors InDiscards  Forward  Request  NoRoute  OutDiscards
    440    97    0    0    589    186    0    14


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
  10.225.2.124  255.255.255.252      0.0.0.0  1  LOCAL  ACTIVE
  10.225.169.0   255.255.255.0   10.225.2.126  1 STATIC  ACTIVE
 172.18.192.196 255.255.255.255      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
◖	❶ eth0	10.225.2.126/30	-	Física	WAN	✏ 🗑
◖	❶ eth1	10.225.169.1/24	10.225.169.1	Física	LAN	✏ 🗑
◯	❶ eth2	-	-	Física	-	✏ 🗑
◯	❶ eth3	-	-	Física	-	✏ 🗑

```
admin  >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.2.126  netmask 255.255.255.252  broadcast 10.225.2.127
        ether 00:90:27:ef:71:08  txqueuelen 10000  (Ethernet)
        RX packets 1584  bytes 377502 (368.6 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 1508  bytes 402890 (393.4 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 10.225.169.1  netmask 255.255.255.0  broadcast 10.225.169.255
        ether 00:90:27:ef:71:09  txqueuelen 10000  (Ethernet)
        RX packets 2128  bytes 460424 (449.6 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 1572  bytes 375493 (366.6 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device interrupt 17  memory 0xfe9e0000-fea00000
```

4 – Teste de Velocidade -Download/Upload