TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson Marques	**Técnico Instalador:** Claudinei **Contato**: 11 96577-9767 **Email**: claudinei@telecomtorre.com.br
ATI: Weslley Souza	**Responsável/cliente:** Simone Maria Batista Lima

Orgão: SEDUC	Unidade: SEDUC – Flores do Piauí	Data Instalação 11/10/2018	Data Ativação 11/10/2018
Operadora Global Eagle	**VSAT-ID** ATI-ES-0166 -IND	**Porta kbps** 4096/512	**Tipo** Indoor

Piauí, 18 de Outubro de 2018

1 – Local da Instalação

2 – Configurações do Modem

```
# device show
System Information:
   Name             : ATI-ES-0166-IND
   Location         : Flores do Piaui - PI
   Contact          :
   System Up time     : 0 days, 00:58:07
   CPU Load         : 50%
   System time(UTC)   : 18 October 2018 17:11:09
   Broadcast Message   : not set


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

MAC addresses:
   LAN              : 00:20:0e:10:88:2b
   Satellite (DVB)     : 00:20:0e:10:88:2b


# 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    : -17.8 dBm
Es/No           : 13.5 dB
Header Compression  : Disabled
Timing correction   : -129 us (250359 us)
Frequency correction: 360 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       : 11.628126 GHz
Symbol Rate     : 25.000302 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             : 14.7 dB
Input Power     : -35 dBm
# arp show


  NetAddr      State  MacAddr         If
  10.225.2.162  Dynamic 00:90:27:f0:85:84   1
# ip show
Interfaces
If    IPAddress     SubnetMask   BroadCastAddr  MTU        Alias   AdminStatus
1   10.225.2.161 255.255.255.252   10.225.2.163  1500            eth0   1
3  172.18.192.182 255.255.255.255        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   28962     5     0   25323443   26845     34     0   10849520
3   25743     0     0   12245166   26135     0    578   24211351
4    0     0     0      0     0     0     0      0
IP  Receive  Deliver  Errors  InDiscards  Forward  Request  NoRoute  OutDiscards
   54597     140     0     0     53571    241     0      0


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
  10.225.2.160 255.255.255.252      0.0.0.0  1  LOCAL   ACTIVE
  10.225.178.0  255.255.255.0  10.225.2.162  1  STATIC   ACTIVE
 172.18.192.182 255.255.255.255      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	10.225.2.162/30	-	Física	WAN	✏ 🗑
◑	ⓘ eth1	10.225.178.1/24	-	Física	LAN	✏ 🗑
◯	ⓘ eth2	-	-	Física	-	✏ 🗑
◯	ⓘ eth3	-	-	Física	-	✏ 🗑

```
admin   >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.2.162  netmask 255.255.255.252  broadcast 10.225.2.163
        ether 00:90:27:f0:85:84  txqueuelen 10000  (Ethernet)
        RX packets 58803  bytes 80907860 (77.1 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 31505  bytes 2079314 (1.9 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 10.225.178.1  netmask 255.255.255.0  broadcast 10.225.178.255
        ether 00:90:27:f0:85:85  txqueuelen 10000  (Ethernet)
        RX packets 7825  bytes 1906812 (1.8 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 17817  bytes 20650512 (19.6 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device interrupt 17  memory 0xfe9e0000-fea00000
```

4 – Teste de Velocidade -Download/Upload