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:** Vanderlucia Rodrigues

Orgão: SEDUC	Unidade: SEDUC – Caraúbas do Piauí	Data Instalação 08/10/2018	Data Ativação 08/10/2018
Operadora Global Eagle	**VSAT-ID** ATI-ES-0110 -IND	**Porta kbps** 4096/512	**Tipo** Indoor

Piauí, 08 de Outubro de 2018

1 – Local da Instalação

2 – Configurações do Modem

```
# device show
System Information:
   Name             : ATI-ES-0110-IND
   Location         : Caraubas do Piaui - PI
   Contact          :
   System Up time   : 0 days, 01:57:12
   CPU Load         : 17%
   System time(UTC) : 08 October 2018 20:02:23
   Broadcast Message : not set


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


MAC addresses:
   LAN              : 00:20:0e:10:87:7f
   Satellite (DVB)  : 00:20:0e:10:87:7f


# 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   : -19.9 dBm
Es/No          : 15.0 dB
Header Compression : Disabled
Timing correction  : -414 us (250022 us)
Frequency correction: 330 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      : 11.628097 GHz
Symbol Rate    : 25.000310 Msps
S2 ModCod
    - receiving  : 1   QPSK-1/4
    - current max : 15   8PSK-5/6
Pilot          : On
Frame length   : Short
DVB S2 Mode    : ACM
DVB S2 Stream type  : MPEG-TS
Roll off       : 0.25
SNR            : 11.5 dB
Input Power    : -36 dBm
# arp show


  NetAddr       State  MacAddr          If
  10.225.1.162  Dynamic 00:90:27:f0:30:ce   1
# ip show
Interfaces
If    IPAddress     SubnetMask    BroadCastAddr  MTU        Alias   AdminStatus
1    10.225.1.161 255.255.255.252   10.225.1.163  1500            eth0   1
3    172.18.192.135 255.255.255.255      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  446839   2802   4765 200563980  750482    185     0 924871675
3  715550     0     35 930638635  180644     0    499 180180624
4    0      0     0      0      0      0      0       0
IP Receive Deliver  Errors InDiscards Forward  Request  NoRoute OutDiscards
  1165013   4558     0      0  932722   2454     841     1123


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
  10.225.1.160 255.255.255.252     0.0.0.0  1  LOCAL   ACTIVE
  10.225.114.0  255.255.255.0  10.225.1.162  1  STATIC   ACTIVE
 172.18.192.135 255.255.255.255     0.0.0.0  3  LOCAL   ACTIVE
#
```

3 – Configurações dos Equipamentos

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.1.162  netmask 255.255.255.252  broadcast 10.225.1.163
        ether 00:90:27:f0:30:ce  txqueuelen 10000  (Ethernet)
        RX packets 87  bytes 6650 (6.4 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 81  bytes 6066 (5.9 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 10.225.114.1  netmask 255.255.255.0  broadcast 10.225.114.255
        ether 00:90:27:f0:30:cf  txqueuelen 10000  (Ethernet)
        RX packets 3316  bytes 556649 (543.6 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 5393  bytes 6690081 (6.3 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device interrupt 17  memory 0xfe9e0000-fea00000
```

Configurações de Rede

Configurações   Interfaces   Roteamento Estático   Roteamento Dinâmico   Configurações IPv6   Controle de Banda

H.A.

Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
⬤	ⓘ eth0	10.225.1.162/30	-	Física	WAN	✏ 🗑
⬤	ⓘ eth1	10.225.114.1/24	-	Física	LAN	✏ 🗑
⬤	ⓘ eth2	-	-	Física	-	✏ 🗑
⬤	ⓘ eth3	-	-	Física	-	✏ 🗑

4 – Teste de Velocidade -Download/Upload