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:** Leandro Faria dos Santos

Orgão: SEDUC	Unidade: SEDUC – PASSAGEM FRANCA	Data Instalação 02/10/2018	Data Ativação 02/10/2018
Operadora Global Eagle	**VSAT-ID** ATI-ES-0093-IND	**Porta kbps** 4096/512	**Tipo** Indoor

Piauí, 02 de Outubro de 2018

1 – Local da Instalação

2 – Configurações do Modem

```
# device show
System Information:
   Name             : ATI-ES-0093-IND
   Location         : Passagem Franca - PI
   Contact          :
   System Up time   : 0 days, 00:32:07
   CPU Load         : 53%
   System time(UTC) : 02 October 2018 18:10:25
   Broadcast Message : not set


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


MAC addresses:
   LAN              : 00:20:0e:10:8a:23
   Satellite (DVB)  : 00:20:0e:10:8a:23


# 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    : -18.0 dBm
Es/No               : 12.5 dB
Header Compression  : Disabled
Timing correction   : -139 us (250009 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       : 11.628140 GHz
Symbol Rate     : 24.999965 Msps
S2 ModCod
   - receiving   : 14   8PSK-3/4
   - 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             : 11.8 dB
Input Power     : -38 dBm
# arp show


  NetAddr      State  MacAddr         If
  10.225.0.30  Dynamic 70:5a:b6:eb:69:8a   1
# ip show
Interfaces
If    IPAddress    SubnetMask    BroadCastAddr MTU       Alias   AdminStatus
1    10.225.0.29 255.255.255.252   10.225.0.31 1500         eth0    1
3    172.18.192.77 255.255.255.255      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   14612    369    1130  5283120  22671    36     1  24517123
3   22691     0     4   24583738   8757    0     0  4493980
4    0      0     0      0     0     0     0     0
IP  Receive Deliver  Errors InDiscards Forward  Request  NoRoute OutDiscards
    37606  1911    0     0    32478   1811    85    1036


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
  10.225.0.28  255.255.255.252      0.0.0.0  1  LOCAL   ACTIVE
  10.225.17.0  255.255.255.0   10.225.0.30  1  STATIC   ACTIVE
 172.18.192.77 255.255.255.255      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	10.225.0.30/30	-	Física	WAN	✏ 🗑
●	eth1	10.225.17.1/24	-	Física	LAN	✏ 🗑
⊘	eth2	-	-	Física	-	✏ 🗑
⊘	eth3	-	-	Física	-	✏ 🗑

```
admin   >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.0.30  netmask 255.255.255.252  broadcast 10.225.0.31
        ether 00:90:27:f0:32:32  txqueuelen 10000  (Ethernet)
        RX packets 13  bytes 832 (832.0 B)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 609  bytes 38976 (38.0 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 10.225.17.1  netmask 255.255.255.0  broadcast 10.225.17.255
        ether 00:90:27:f0:32:33  txqueuelen 10000  (Ethernet)
        RX packets 3982  bytes 595107 (581.1 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 6556  bytes 6500363 (6.1 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device interrupt 17  memory 0xfe9e0000-fea00000
```

4 – Teste de Velocidade -Download/Upload