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:** Maria do Socorro

Orgão: SEDUC	Unidade: SEDUC Localidade: 7°14'5.00"S 41°54'39.00"W Municipio: Wall Ferraz		Data Instalação 29/10/2018	Data Ativação 29/10/2018
Operadora Global Eagle	**VSAT-ID** ATI-ES-0153-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-0153-IND
   Location       : Wall Ferraz - PI
   Contact        :
   System Up time    : 0 days, 04:04:48
   CPU Load       : 45%
   System time(UTC)   : 29 October 2018 20:29:22
   Broadcast Message   : not set

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

MAC addresses:
   LAN             : 00:20:0e:10:89:25
   Satellite (DVB)    : 00:20:0e:10:89:25

# 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    : -17.9 dBm
Es/No           : 13.5 dB
Header Compression  : Disabled
Timing correction    : -22 us (249946 us)
Frequency correction: 440 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       : 11.628134 GHz
Symbol Rate     : 25.000281 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             : 15.5 dB
Input Power     : -36 dBm
# arp show


  NetAddr      State  MacAddr          If
  10.225.2.110  Dynamic 00:90:27:f0:88:84   1
# ip show
Interfaces
If   IPAddress     SubnetMask  BroadCastAddr  MTU       Alias   AdminStatus
1   10.225.2.109 255.255.255.252   10.225.2.111 1500          eth0   1
3  172.18.192.224 255.255.255.255       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  337994    375    152 101934674 466893    286     1 453303122
3  435181     0      0 453859954 185567     0    904  87475538
4    0       0       0      0      0       0      0       0
IP  Receive  Deliver   Errors InDiscards  Forward  Request  NoRoute  OutDiscards
   773499    732      0      0  654680   1092     92       92


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
  10.225.2.108  255.255.255.252       0.0.0.0 1  LOCAL  ACTIVE
  10.225.165.0   255.255.255.0   10.225.2.110 1 STATIC  ACTIVE
 172.18.192.224 255.255.255.255       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	10.225.2.110/30	-	Física	WAN	✏ 🗑
◐	ⓘ eth1	10.225.165.1/24	-	Física	LAN	✏ 🗑
◑	ⓘ eth2	-	-	Física	-	✏ 🗑
◑	ⓘ eth3	-	-	Física	-	✏ 🗑

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.2.110  netmask 255.255.255.252  broadcast 10.225.2.111
        ether 00:90:27:f0:86:30  txqueuelen 10000  (Ethernet)
        RX packets 18985  bytes 8548420 (8.1 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 18502  bytes 10362718 (9.8 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 10.225.165.1  netmask 255.255.255.0  broadcast 10.225.165.255
        ether 00:90:27:f0:86:31  txqueuelen 10000  (Ethernet)
        RX packets 22226  bytes 10925478 (10.4 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 23212  bytes 15734702 (15.0 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device interrupt 17  memory 0xfe9e0000-fea00000
```

4 – Teste de Velocidade -Download/Upload