TERMO DE ACEITE TÉCNICO

Solicitante: SEDUC – Secretaria de Estado da Educação

NOC/Operadora: Guilherme Santos	**Técnico Instalador:** Claudinei Silva **Contato**: 11 96577-9767 **Email**: claudnei@telecomtorre.com.br
ATI: Weslley Souza	**Responsável/cliente:** Valdinerio Coelho Fontes

Orgão: ATI - Agência de Tecnologia da Informação	**Data Instalação** 19/12/2018	**Data Ativação** 19/12/2018	
Unidade: Americo Jose de Sousa	**Município:** Socorro do Piauí	**Coordenadas:** 7°51'49"S 42°29'55"W	

Operadora Global Eagle	VSAT-ID ATI-ES-0280-IND	Porta kbps 4096/512	Tipo Indoor

1 – Local da Instalação

2 – Configurações do Modem

```
# device show
System Information:
    Name            : ATI-ES-0280-IND
    Location        :
    Contact         :
    System Up time      : 0 days, 03:36:17
    CPU Load         : 26%
    System time(UTC)   : 19 December 2018 19:22:34
    Broadcast Message   : not set

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

```
MAC addresses:
   LAN            : 00:20:0e:10:9d:c1
   Satellite (DVB)   : 00:20:0e:10:9d:c1

# 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   : -20.0 dBm
Es/No           : 15.0 dB
Header Compression  : Disabled
Timing correction   : -24 us (250215 us)
Frequency correction: 280 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        : 11.628051 GHz
Symbol Rate       : 24.999858 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            : 15.9 dB
Input Power       : -32 dBm
# arp show
```

```
  NetAddr     State  MacAddr         If
  10.225.4.106  Dynamic 00:90:27:f0:86:88   1
# ip show
Interfaces
If    IPAddress    SubnetMask  BroadCastAddr  MTU      Alias  AdminStatus
 1   10.225.4.105 255.255.255.252   10.225.4.107 1500        eth0   1
 3  172.18.137.221 255.255.255.255      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 141303   3256   2047  20089831 183536   241    2 186772754
 3 182016    0   1796 195080765  90849    0    0 15092453
 4    0    0    0    0    0    0    0    0
IP Receive  Deliver  Errors InDiscards  Forward  Request  NoRoute OutDiscards
   325938   17251    0     0 276919  14860   802    2905


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
  10.225.4.104  255.255.255.252       0.0.0.0  1  LOCAL  ACTIVE
  10.226.36.0   255.255.255.0   10.225.4.106  1  STATIC  ACTIVE
 172.18.137.221 255.255.255.255      0.0.0.0  3  LOCAL  ACTIVE
#
```

3 – Configurações dos Equipamentos

```
admin  >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.4.106  netmask 255.255.255.252  broadcast 10.225.4.107
        ether 00:90:27:f0:86:88  txqueuelen 10000  (Ethernet)
        RX packets 133346  bytes 138251231 (131.8 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 107927  bytes 11866312 (11.3 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 10.226.36.1  netmask 255.255.255.0  broadcast 10.226.36.255
        ether 00:90:27:f0:86:89  txqueuelen 10000  (Ethernet)
        RX packets 108379  bytes 11921124 (11.3 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 128651  bytes 133030495 (126.8 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device interrupt 17  memory 0xfe9e0000-fea00000

lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
        inet 127.0.0.1  netmask 255.0.0.0
        loop  txqueuelen 1  (Local Loopback)
        RX packets 744178  bytes 121770961 (116.1 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 744178  bytes 121770961 (116.1 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

admin  >
```

14:52

Qua, 19 de dez de 2018 ⏰ 06:01

Assistente de Áudio

Otimização do sistema

Calculadora

PowerMaster

Gerenciador de inicialização

Lanterna

Dados móveis

Piaui_Conectado

Som

Localização

Roteador Wi-Fi

Filtro de luz azul

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CONFIGURAÇÕES DO SITE

4 – Teste de Velocidade -Download/Upload

Graph (Username: ATI-ES-0280-IND)

Legend:
- Total FWD IP Rate from NetAcc
- RET IP Rate from Netacc

From: 12-19-2018 15:2   to: 12-19-2018 15:2   Zoom: MAX