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:** Alice Fonseca

Orgão: SEDUC	Unidade: SEDUC – Redenção do Gurguéia Localidade: 9°29'24.00"S - 44°34'35.00"W	Data Instalação 24/10/2018	Data Ativação 24/10/2018
Operadora Global Eagle	**VSAT-ID** ATI-ES-0033 -IND	**Porta kbps** 4096/512	**Tipo** Indoor

Piauí, 25 de Outubro de 2018

1 – Local da Instalação

2 – Configurações do Modem
device show
System Information:
   Name   : ATI-ES-0033-IND
   Location   : Redenão do Gurguia - PI
   Contact   :
   System Up time   : 0 days, 01:22:22
   CPU Load   : 41%
   System time(UTC)   : 25 October 2018 14:39:29
   Broadcast Message   : not set

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

MAC addresses:
   LAN   : 00:20:0e:10:86:ad
   Satellite (DVB)   : 00:20:0e:10:86:ad

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   : -19.8 dBm
Es/No   : 15.0 dB
Header Compression : Disabled
Timing correction   : -271 us (251160 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        : 11.628136 GHz
Symbol Rate      : 25.000145 Msps
S2 ModCod
    - receiving   : 15  8PSK-5/6
    - 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              : 15.0 dB
Input Power      : -36 dBm
# arp show


  NetAddr        State  MacAddr          If
  10.225.1.114  Dynamic 70:5a:b6:eb:69:8a   1
169.254.159.123  Dynamic 70:5a:b6:eb:69:8a   1
# ip show
Interfaces
If    IPAddress     SubnetMask  BroadCastAddr  MTU       Alias  AdminStatus
 1   10.225.1.113 255.255.255.252   10.225.1.115 1500        eth0   1
 3  172.18.192.213 255.255.255.255       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  175231   2991    1408  63836251  289719    146     1 356069005
 3  280584     0      0 358107644   80961     0      0 56887792
 4     0      0      0     0      0      0      0      0
IP Receive Deliver  Errors InDiscards  Forward  Request  NoRoute OutDiscards
   458243   2451     0       0   370892    946     530     530

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
  10.225.1.112 255.255.255.252       0.0.0.0  1  LOCAL   ACTIVE
  10.225.102.0  255.255.255.0   10.225.1.114 1  STATIC  ACTIVE
 172.18.192.213 255.255.255.255       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	10.225.1.114/30	-	Física	WAN	✏️ 🗑
🔘	ⓘ eth1	10.225.102.1/24	-	Física	LAN	✏️ 🗑
▣	ⓘ eth2	-	-	Física	-	✏️ 🗑
▣	ⓘ eth3	-	-	Física	-	✏️ 🗑

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.1.114  netmask 255.255.255.252  broadcast 10.225.1.115
        ether 00:90:27:f0:2f:4e  txqueuelen 10000  (Ethernet)
        RX packets 1189  bytes 175712 (171.5 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 2781  bytes 381426 (372.4 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 10.225.102.1  netmask 255.255.255.0  broadcast 10.225.102.255
        ether 00:90:27:f0:2f:4f  txqueuelen 10000  (Ethernet)
        RX packets 4349  bytes 556926 (543.8 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 3075  bytes 368159 (359.5 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device interrupt 17  memory 0xfe9e0000-fea00000
```

4 – Teste de Velocidade -Download/Upload