TERMO DE ACEITE TÉCNICO

Solicitante: ATI - Agência de Tecnologia da Informação do Estado do Piauí

NOC/Operadora: Wallace Teixeira	**Técnico Instalador:** Claudinei Costa **Contato**: 11 97701-2709 **Email**: claudnei@telecomtorre.com.br
	Responsável/cliente: Idenis Pereira Rodrigues

Orgão: SEDUC	**Unidade:** Unidade Escolar Cirila Maria de Jesus	**Data Instalação** 17/09/2018	**Data Ativação** 17/09/2018
Operadora Global Eagle	**VSAT-ID** ATI-ES-0072-IND	**Porta kbps** 4096k/512k	**Tipo** Intdoor

Piauí, 17 de Setembro de 2018

1 – Local da Instalação

```
2 – Configurações do Modem

device show

System Information:
   Name             : ATI-ES-0072-IND
   Location         : São Francisco de Asis do Piauí - PI
   Contact          :
   System Up time   : 0 days, 01:18:55
   CPU Load         : 17%
   System time(UTC) : 18 September 2018 00:10:29
   Broadcast Message : not set


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

MAC addresses:
   Ethernet (LAN)   : 00:20:0e:10:8a:37
   Satellite (DVB)  : 00:20:0e:10:8a:37

# dvb tx show

Satellite (DVB) TX Configuration
-------------------------------
Auto start         : Enabled
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          : 14.5 dB
Header Compression  : Disabled
Timing correction   : 7 us (249971 us)
Frequency correction: 120 Hz
# dvb rx show

Satellite (DVB) RX Configuration
-------------------------------
Auto start         : Enabled
Max Traffic MODCOD  : 23   16APSK-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      : 25.000098 Msps
S2 ModCod
    - receiving  : 1   QPSK-1/4
    - current max : 14   8PSK-3/4
Pilot            : On
Frame length     : Short
DVB S2 Mode      : ACM
DVB S2 Stream type  : MPEG-TS
Roll off         : 0.25
SNR          : 10.4 dB
Input Power      : -36 dBm
# odu show


Antenna
---------------------
Type                     ASC/Andrew/Channel Master Type 123 - 1.2m
Antenna controller          None
Tx Gain at 14.25 GHz          43.3dB


Transmitter (BUC)
-------------------------------
Type                  JRC NJT5017 (14.0-14.5 GHz)
Local oscillator          13.050000 GHz
DC supply              24V On


Receiver (LNB)
----------------------------
Type                  SatLink 403x (10.70-12.75 GHz)
Local oscillator - LO1       9.750000 GHz
Local oscillator - LO2       10.600000 GHz
Oscillator switching frequency 1-2  11.700000 GHz
LO Switching mode            22kHz
13/18V DC supply             13V


# ip show
Interfaces
If    IPAddress     SubnetMask  BroadCastAddr  MTU      Alias   AdminStatus
1    10.225.0.97 255.255.255.252    10.225.0.99  1500         eth0   1
3   172.18.192.26 255.255.255.255       N/A  1500        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  213068   1096    564  80296662  375215   111     2 477161135
3  371804    0      0 480872920  85766    0    1711  69525419
4    0     0     0     0     0     0     0     0
IP  Receive  Deliver  Errors  Discards  Forward  Request  NoRoute  Discards
   585892   1504    0     0   462188   954    273     303
```

```
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
    0.0.0.0        0.0.0.0       0.0.0.0  3  STATIC
  10.225.0.96 255.255.255.252       0.0.0.0  1  LOCAL
  10.225.34.0  255.255.255.0    10.225.0.98  1  STATIC
 172.18.192.26 255.255.255.255       0.0.0.0  3  LOCAL
```

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
⬤	❶ eth0	10.225.0.98/30	-	Física	WAN	✏️ 🗑️
⬤	❶ eth1	10.225.34.1/24	-	Física	LAN	✏️ 🗑️
⬭	❶ eth2	-	-	Física	-	✏️ 🗑️
⬭	❶ eth3	-	-	Física	-	✏️ 🗑️

```
admin  >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.0.98  netmask 255.255.255.252  broadcast 10.225.0.99
        ether 00:0b:ab:f5:ca:58  txqueuelen 10000  (Ethernet)
        RX packets 1749  bytes 193486 (188.9 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 2444  bytes 236354 (230.8 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device memory 0xd0900000-d091ffff

eth1: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.34.1  netmask 255.255.255.0  broadcast 10.225.34.255
        ether 00:0b:ab:f5:ca:59  txqueuelen 10000  (Ethernet)
        RX packets 12436  bytes 3747829 (3.5 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 21961  bytes 20228828 (19.2 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device memory 0xd0800000-d081ffff

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 1071393  bytes 187346291 (178.6 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 1071393  bytes 187346291 (178.6 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
```

22:11

Seg, 17 de set de 2018 ⏰ 06:03

Assistente de
Áudio

Otimização do
sistema

Calculadora

PowerMaster

Gerenciador de
inicialização

Lanterna

Dados móveis

Piaui_Conectad
o

Som

Localização

Roteador Wi-Fi

Filtro de luz azul

CLARO BR — TIM / Claro BR

WhatsApp • 1 nova mensagem • 1 min ^
EMC Noc SP
print do wi-fi

RESPONDER PARA EMC NOC SP

4 – Teste de Velocidade

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odu