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
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Orgão: SEDUC	Unidade: SEDUC – União	Data Instalação	Data Ativação
		15/10/2018	15/10/2018

Operadora	VSAT-ID	Porta kbps	Tipo
Global Eagle	ATI-ES-0137 -IND	4096/512	Indoor

Piauí, 15 de Outubro de 2018

1 – Local da Instalação

2 – Configurações do Modem

```
# device show

System Information:

    Name            : ATI-ES-0137-IND

    Location        : Uniao- PI

    Contact         :

    System Up time     : 0 days, 03:58:17

    CPU Load        : 34%

    System time(UTC)   : 15 October 2018 13:06:43

    Broadcast Message   : not set


HW:

    Model           : SatLink 2000

    HW ID           : 120033

    Main board ID      : 120026 R6.2


MAC addresses:

    LAN             : 00:20:0e:10:74:80

    Satellite (DVB)    : 00:20:0e:10:74:80


# dvb tx show


Satellite (DVB) TX Configuration

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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

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State          : On   (DVB-RCS2)

IDU Output Power    : -20.1 dBm

Es/No         : 15.5 dB

Header Compression  : Disabled

Timing correction   : -242 us (250065 us)

Frequency correction: 230 Hz
# dvb rx show


Satellite (DVB) RX Configuration

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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
1	1	25.333333	12.050000	DVB-S2	4	0	0.0 E			Yes
5	5	30.000000	11.592000	DVB-S2	4	0	0.0 E			Yes
9	9	25.333000	11.592000	DVB-S2	4	0	0.0 E			Yes

```
WARNING: More than 2 forward link configurations not fully supported without MOBILE license!


Satellite (DVB) Receiver Status

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Rx State        : On

DVB State        : Forward link up

Network        : 1326,  ATI-PI

Frequency       : 11.628172 GHz

Symbol Rate      : 25.000504 Msps
```

```
S2 ModCod

    - receiving   : 1   QPSK-1/4

    - 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           : 14.5 dB

Input Power       : -40 dBm

# arp show


  NetAddr      State  MacAddr          If
   10.225.2.46  Dynamic 00:0b:ab:f5:c7:6e   1
# ip show
Interfaces
If    IPAddress    SubnetMask  BroadCastAddr  MTU      Alias  AdminStatus
1    10.225.2.45 255.255.255.252    10.225.2.47 1500       eth0   1
3  172.18.193.150 255.255.255.255        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 394416   1    45  42285521 551497   119    0 635584044
3 553848   0    6 690593078 196865   0    0  26576669
4   0   0   0    0   0   0   0    0
IP Receive Deliver  Errors InDiscards Forward  Request  NoRoute OutDiscards
  947670  1093    0    0 749030  1346   0    54
```

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
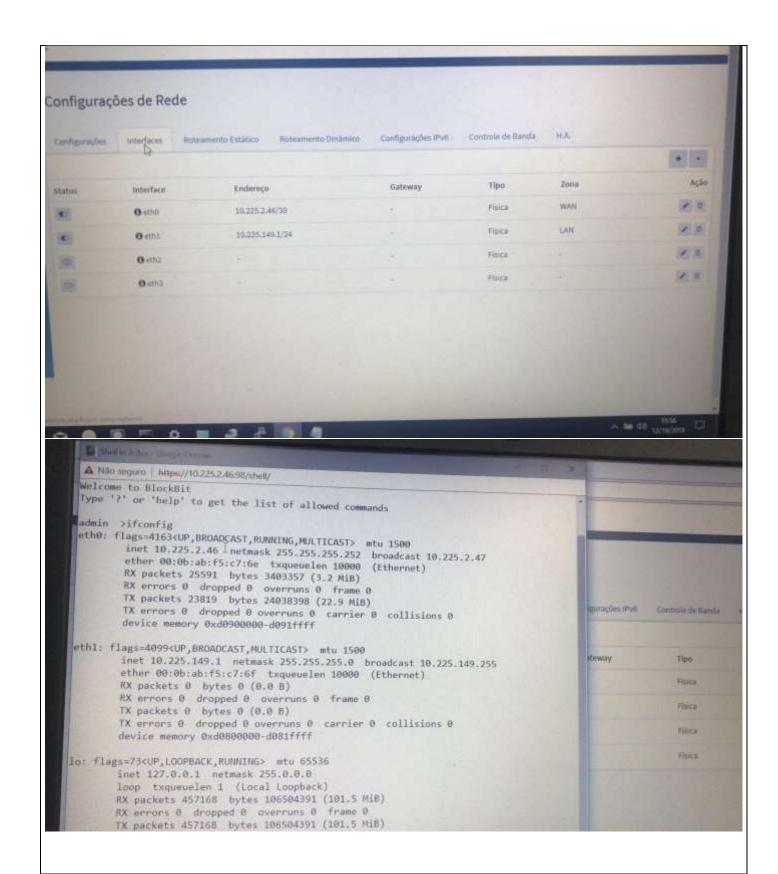
  10.225.2.44 255.255.255.252   0.0.0.0 1   LOCAL   ACTIVE
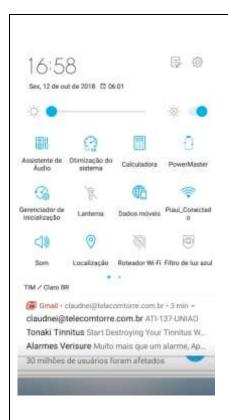
  10.225.149.0   255.255.255.0   10.225.2.46 1 STATIC ACTIVE

 172.18.193.150 255.255.255.255   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	10.225.2.46/30	-	Fisica	WAN	✎ 🗑
⬤	eth1	10.225.149.1/24	-	Fisica	LAN	✎ 🗑
◯	eth2	-	-	Fisica	-	✎ 🗑
◯	eth3	-	-	Fisica	-	✎ 🗑


```
A Não seguro | https://10.225.2.46:98/shell/
Welcome to BlockBit
Type '?' or 'help' to get the list of allowed commands

admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.2.46  netmask 255.255.255.252  broadcast 10.225.2.47
        ether 00:0b:ab:f5:c7:6e  txqueuelen 10000  (Ethernet)
        RX packets 25591  bytes 3403357 (3.2 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 23819  bytes 24038398 (22.9 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device memory 0xd0900000-d091ffff

eth1: flags=4099<UP,BROADCAST,MULTICAST>  mtu 1500
        inet 10.225.149.1  netmask 255.255.255.0  broadcast 10.225.149.255
        ether 00:0b:ab:f5:c7:6f  txqueuelen 10000  (Ethernet)
        RX packets 0  bytes 0 (0.0 B)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 0  bytes 0 (0.0 B)
        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 457168  bytes 106504391 (101.5 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 457168  bytes 106504391 (101.5 MiB)
```

4 – Teste de Velocidade -Download/Upload