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: ATI	**Unidade:** ATI – São João do Arraial	**Data Instalação** 05/10/2018	**Data Ativação** 05/10/2018
Operadora Global Eagle	**VSAT-ID** ATI-PB-0105-OUT	**Porta kbps** 4096/512	**Tipo** Outdoor

Piauí, 05 de Outubro de 2018

1 – Local da Instalação

2 – Configurações do Modem

device show
System Information:
   Name   : ATI-PB-0105-OUT
   Location   : São João do Arraial PI
   Contact   :
   System Up time   : 0 days, 14:45:43
   CPU Load   : 34%
   System time(UTC)   : 06 October 2018 13:48:28
   Broadcast Message   : not set

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

MAC addresses:
   LAN   : 00:20:0e:10:89:5f
   Satellite (DVB)   : 00:20:0e:10:89:5f

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   : -20.2 dBm
Es/No   : 15.0 dB
Header Compression : Disabled
Timing correction   : -277 us (249893 us)
Frequency correction: 230 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

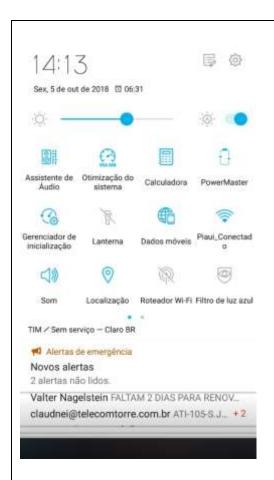
```
Rx State          : On
DVB State         : Forward link up
Network           : 1326,  ATI-PI
Frequency         : 11.628084 GHz
Symbol Rate       : 24.999909 Msps
S2 ModCod
    - receiving  : 1   QPSK-1/4
    - current max : 15   8PSK-5/6
Pilot             : On
Frame length      : Short
DVB S2 Mode       : ACM
DVB S2 Stream type  : MPEG-TS
Roll off          : 0.25
SNR               : 12.0 dB
Input Power       : -35 dBm
# arp show


  NetAddr      State  MacAddr          If
   10.225.1.134  Dynamic 00:90:27:f0:32:92   1
# ip show
Interfaces
If    IPAddress     SubnetMask  BroadCastAddr  MTU       Alias   AdminStatus
1   10.225.1.133 255.255.255.252   10.225.1.135  1500          eth0   1
3  172.18.192.114 255.255.255.255        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  809931     7     23   75365595 1446554    429      0 1717876026
3 1414146     0     34 1741736371  317837     0      0   40582490
4    0      0     0      0      0      0      0      0
IP  Receive  Deliver  Errors InDiscards  Forward  Request  NoRoute OutDiscards
   2222975    220     0       0 1764697    948     0      78


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
  10.225.1.132 255.255.255.252        0.0.0.0  1   LOCAL  ACTIVE
  10.225.107.0  255.255.255.0  10.225.1.134  1  STATIC  ACTIVE
 172.18.192.114 255.255.255.255        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	10.225.1.134/30	-	Física	WAN	✎ 🗑
◯	🛈 eth1	10.225.107.1/24	-	Física	LAN	✎ 🗑
◯	🛈 eth2	-	-	Física	-	✎ 🗑
◯	🛈 eth3	-	-	Física	-	✎ 🗑

```
10.225.1.134 - PuTTY

login as: admin
admin@10.225.1.134's password:
Last login: Wed Sep 26 14:40:31 2018 from 192.168.1.10
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 10.225.1.134  netmask 255.255.255.252  broadcast 10.225.1.135
        ether 00:90:27:f0:32:92  txqueuelen 10000  (Ethernet)
        RX packets 153377  bytes 204929319 (195.4 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 143095  bytes 10359152 (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 10.225.107.1  netmask 255.255.255.0  broadcast 10.225.107.255
        ether 00:90:27:f0:32:93  txqueuelen 10000  (Ethernet)
        RX packets 146212  bytes 11015882 (10.5 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 158999  bytes 211288590 (201.5 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 147189  bytes 53182650 (50.7 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 147189  bytes 53182650 (50.7 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

admin  >
```

4 – Teste de Velocidade -Download/Upload