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

NOC/Operadora: Guilherme Cunha	**Técnico Instalador: J**oao Carlos Widar **Contato**: 11-96450-8179 **Email**: joao.widar.carlos@gmail.com
ATI: Weslley Souza	**Responsável/cliente:** LEYANE FAUSTINO DE SOUZA

Orgão: SEDUC	Unidade: Unidade Escolar Francisco Nunes	Data Instalação 24/09/2018	Data Ativação 24/09/2018
Operadora Global Eagle	**VSAT-ID** ATI-ES-0123-IND	**Porta kbps** 4096/512	**Tipo** Indoor

Piauí, 02 de Outubro de 2018

1 – Local da Instalação

2 – Configurações do Modem

```
# device show
System Information:
   Name         : ATI-ES-0123-IND
   Location     : São Gonçalo do Piauí - PI
```

```
   Contact           :
   System Up time     : 0 days, 10:07:24
   CPU Load         : 8%
   System time(UTC)   : 03 October 2018 07:31:14
   Broadcast Message   : not set


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


MAC addresses:
   Ethernet (LAN)    : 00:20:0e:10:86:63
   Satellite (DVB)    : 00:20:0e:10:86:63


# 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    : -20.0 dBm
Es/No           : 14.5 dB
Header Compression  : Disabled
Timing correction   : -166 us (250114 us)
Frequency correction: 10 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         : 11.628067 GHz
Symbol Rate       : 25.000132 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          : 13.1 dB
Input Power      : -35 dBm
# arp show

  NetAddr      State  MacAddr         If
  10.225.1.206  Dynamic 00:90:27:f0:87:98   1
# ip show
Interfaces
If    IPAddress     SubnetMask  BroadCastAddr  MTU      Alias  AdminStatus
1   10.225.1.205 255.255.255.252   10.225.1.207 1500          eth0   1
3   172.18.192.80 255.255.255.255      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  217283   2305   1237  74632586  356226    296     0  458023505
3  344507    0     0 460919872  82918    0     0  65003023
4   0     0     0     0     0     0     0     0
IP Receive Deliver  Errors  Discards Forward Request NoRoute  Discards
   561139   336    0     0  439283   792    0   1286

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
  10.225.1.204  255.255.255.252      0.0.0.0  1  LOCAL
  10.225.125.0   255.255.255.0   10.225.1.206  1  STATIC
  172.18.192.80 255.255.255.255      0.0.0.0  3  LOCAL
```
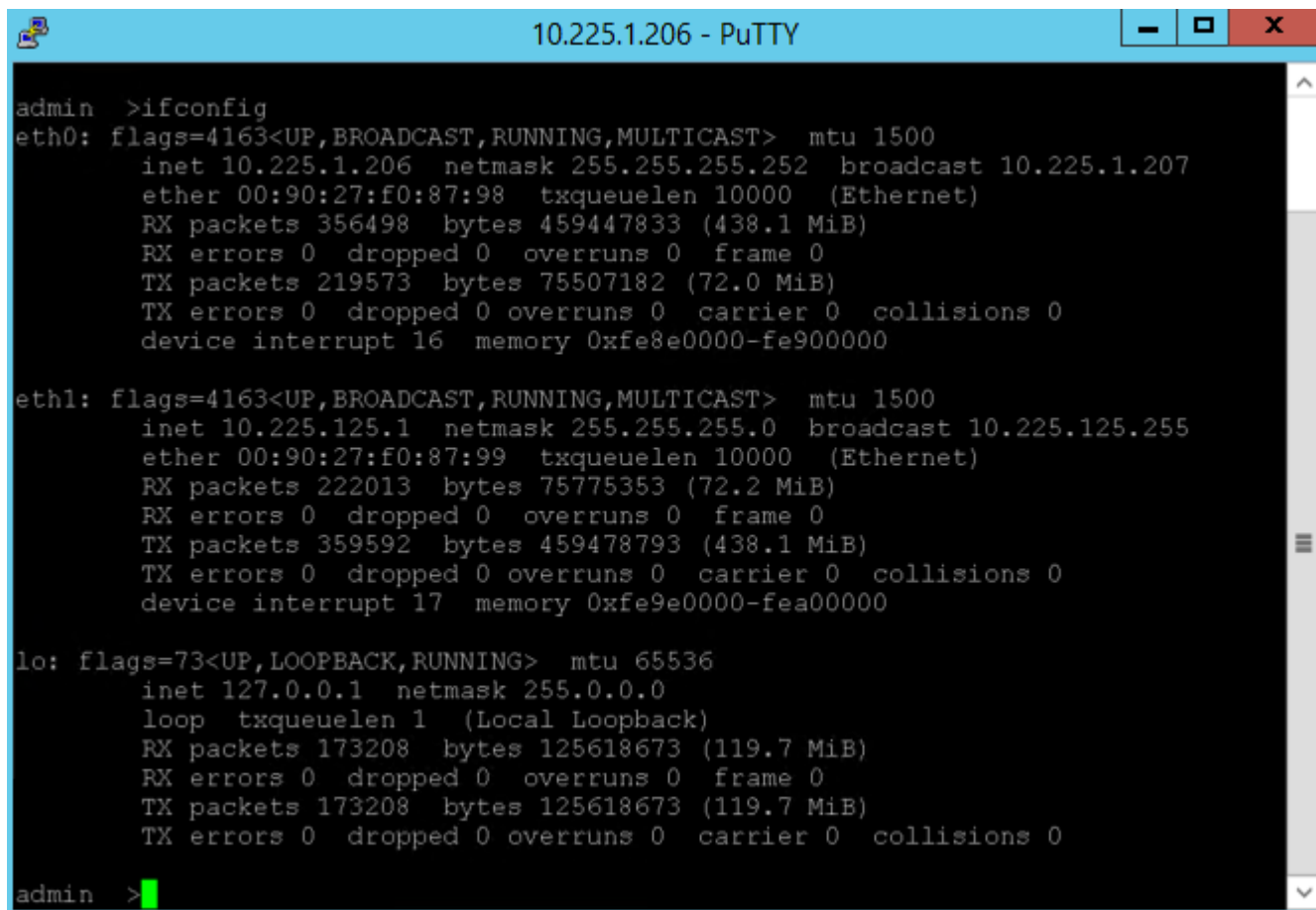
3 – Configurações dos Equipamentos


```
10.225.1.206 - PuTTY

admin   >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.1.206  netmask 255.255.255.252  broadcast 10.225.1.207
        ether 00:90:27:f0:87:98  txqueuelen 10000  (Ethernet)
        RX packets 356498  bytes 459447833 (438.1 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 219573  bytes 75507182 (72.0 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 10.225.125.1  netmask 255.255.255.0  broadcast 10.225.125.255
        ether 00:90:27:f0:87:99  txqueuelen 10000  (Ethernet)
        RX packets 222013  bytes 75775353 (72.2 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 359592  bytes 459478793 (438.1 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 173208  bytes 125618673 (119.7 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 173208  bytes 125618673 (119.7 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

admin   >
```

🔋 15% ⚙ 👤

Wi-Fi

Piaui_Conectado
Conectado

LABORATÓRIO

GEFN

Maria Filha

Natanael

MAIS CONFIGURAÇÕES   CONCLUÍDO

4 – Teste de Velocidade

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Graph (Username: ATI-ES-0123-IND)

Total FWD IP Rate from NetAcc — RET IP Rate from Netacc