TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Jefferson Marques	**Técnico Instalador:** João Carlos **Contato**: 11 96450 8179 **Email**: joao.widar.carlos@gmail.com
ATI: Weslley Souza	**Responsável/cliente:** Luciano Vieira de Souza

Orgão: ADAPI	Unidade: ADAPI - BENEDITINOS	Data Instalação 01/10/2018	Data Ativação 01/10/2018
Operadora Global Eagle	**VSAT-ID** ATI-OU-0075-IND	**Porta kbps** 4096/512	**Tipo** Indoor

Piauí, 01 de outubro de 2018

1 – Local da Instalação

```
2 – Configurações do Modem
# device show
System Information:
   Name              : ATI-OU-0075-IND
   Location          : BENEDITINOS - PI
   Contact           :
   System Up time    : 0 days, 01:27:15
   CPU Load          : 29%
   System time(UTC)  : 01 October 2018 17:45:35
   Broadcast Message : not set


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


MAC addresses:
   Ethernet (LAN)    : 00:20:0e:10:8b:60
   Satellite (DVB)   : 00:20:0e:10:8b:60


# 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               : 16.0 dB
Header Compression  : Disabled
Timing correction   : -210 us (249951 us)
Frequency correction: 340 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        : 11.628199 GHz
Symbol Rate      : 24.999951 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              : 12.7 dB
Input Power      : -39 dBm
# arp show
```

```
  NetAddr      State  MacAddr          If
  10.225.2.10  Dynamic 00:90:27:f0:31:a2   1
# ip show
```

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.2.9	255.255.255.252	10.225.2.11	1500	eth0	1
3	172.18.192.74	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	12790	564	340	4505185	11609	62	0	4847038
3	10683	0	0	4608375	11965	0	0	3970091
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	Discards	Forward	Request	NoRoute	Discards
	23975	829	0	0	23019	568	74	82

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
10.225.2.8	255.255.255.252	0.0.0.0	1	LOCAL
10.225.140.0	255.255.255.0	10.225.2.10	1	STATIC
172.18.192.74	255.255.255.255	0.0.0.0	3	LOCAL

#

3 – Configurações dos Equipamentos

```
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 1500
        inet 10.225.2.10  netmask 255.255.255.252  broadcast 10.225.2.11
        ether 00:90:27:f0:31:a2  txqueuelen 10000  (Ethernet)
        RX packets 6077  bytes 972622 (949.8 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 7945  bytes 1870126 (1.7 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 10.225.140.1  netmask 255.255.255.0  broadcast 10.225.140.255
        ether 00:90:27:f0:31:a3  txqueuelen 10000  (Ethernet)
        RX packets 9926  bytes 2203717 (2.1 MiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 10167  bytes 6291515 (6.0 MiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
        device interrupt 17  memory 0xfe9e0000-fea00000
```

```
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```

4 – **Teste de Velocidade** -Download/Upload

Graph (Username: ATI-OU-0075-IND)

| ■ Total FWD IP Rate from NetAcc | ■ RET IP Rate from Netacc |

From: 10-01-2018 14:5 to: 10-01-2018 14:5   Zoom: MAX