



# TERMO DE ACEITE TÉCNICO

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

**NOC/Operadora:** Alexandre Cruz

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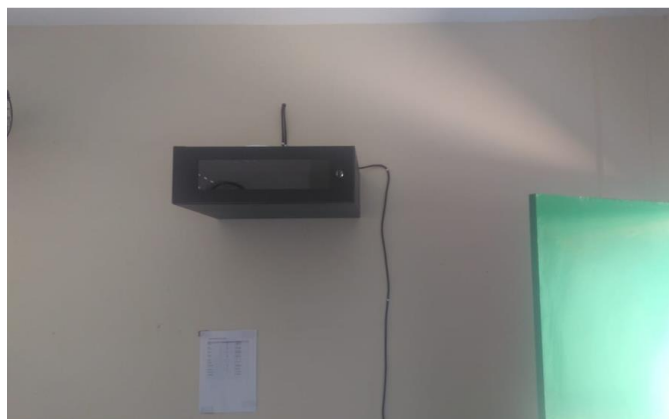
**ATI:** Wesley Souza

**Responsável/cliente:** FABIO ALVES PINDAIBA

<b>Orgão:</b> SEDUC	<b>Unidade:</b> SEDUC - Secretaria de Educação <b>Localidade:</b> 7°41'24.00"S 42°42'55.00"W	<b>Data Instalação</b> 25/10/2018	<b>Data Ativação</b> 25/10/2018
<b>Operadora</b> Global Eagle	<b>VSAT-ID</b> ATI-ES-0167-IND	<b>Porta kbps</b> 4096/512	<b>Tipo</b> indoor

Piauí, 25 de Outubro de 2018

## 1 – Local da Instalação



## 2 – Configurações do Modem

# device show

System Information:

Name : ATI-ES-0167-IND

Location : Ribeira do Piauí - PI

Contact :  
 System Up time : 0 days, 00:10:23  
 CPU Load : 46%  
 System time(UTC) : 25 October 2018 15:17:27  
 Broadcast Message : not set

#### HW:

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

#### MAC addresses:

LAN : 00:20:0e:10:86:cd  
 Satellite (DVB) : 00:20:0e:10:86:cd

#### # dvb tx show

#### Satellite (DVB) TX Configuration

-----  
 Auto start : Enabled  
 BUPC status : Disabled  
 IDU Output Power : -18 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 : -17.9 dBm  
 Es/No : 12.5 dB  
 Header Compression : Disabled  
 Timing correction : -251 us (250274 us)  
 Frequency correction: 320 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[Msp]	Freq[GHz]	Mode	Popld	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 : 11.628342 GHz  
 Symbol Rate : 25.002210 Msp  
 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 : 13.9 dB

Input Power : -40 dBm

# arp show

NetAddr	State	MacAddr	If
10.225.2.166	Dynamic	00:90:27:ef:6f:d4	1

# ip show

Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.2.165	255.255.255.252	10.225.2.167	1500	eth0	1
3	172.18.192.214	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	4913	0	0	770803	5438	11	0	2852620
3	5053	0	2	2785726	4382	0	0	663919
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	9947	344	0	0	9929	452	0	2

Interface Directed Routing Table

In If Out If

-----IP LAC Statistics-----

RPF	Src eq dest	RPF HitCount	Src eq dest HitCount	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
10.225.2.164	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.179.0	255.255.255.0	10.225.2.166	1	STATIC	ACTIVE
172.18.192.214	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

#

### 3 – Configurações dos Equipamentos

```
Kernel 3.10.0-514.26.2.el7.x86_64 on an x86_64

localhost login:

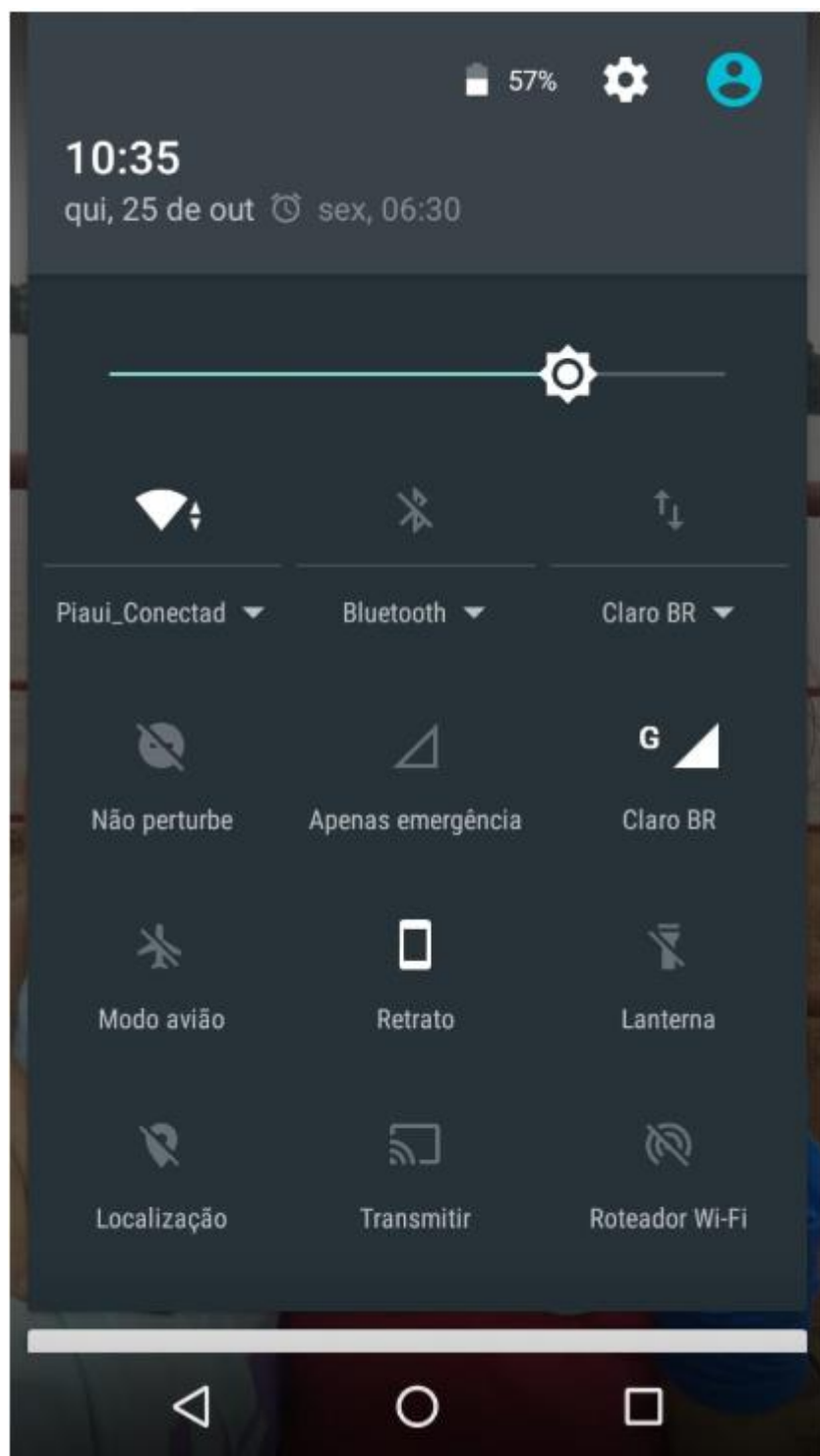
BLOCKBIT UTM 1.4
41358750-BD2D-11E8-965F-943552BDE6C8

Kernel 3.10.0-514.26.2.el7.x86_64 on an x86_64

localhost login: admin
Senha:
Último login: Wed Oct 10 08:18:15 em: ttyS0
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 10.225.2.166 netmask 255.255.255.252 broadcast 10.225.2.167
    ether 00:90:27:ef:d4:txqueuelen 1000 (Ethernet)
    RX packets 366483 bytes 468833046 (447.1 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 228354 bytes 81536440 (77.7 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 10.225.179.1 netmask 255.255.255.0 broadcast 10.225.179.255
    ether 00:90:27:ef:6f:d5 txqueuelen 1000 (Ethernet)
    RX packets 229065 bytes 81587907 (77.8 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 365574 bytes 468153772 (446.4 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
    device interrupt 17 memory 0xfe9e0000-fea00000
```



4 – Teste de Velocidade -Download/Upload

