



## TERMO DE ACEITE TÉCNICO

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

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**Orgão:** ATI - Agência de Tecnologia da Informação

**Data**  
**Instalação:** 28/11/2018

**Data Ativação:** 28/11/2018

**Unidade:** Povoado Serra da Baliza

**Município:** Pio IX

**Coordenadas:** 6°51'17.00"S 40°43'27.00"W

**Operadora:**  
Global Eagle

**VSAT-ID:** ATI-PU-0204-OUT

**Porta kbps**  
1024/256

**Tipo**  
Outdoor

1 – Local da Instalação:



## 2 – Configurações do Modem

# device show

### System Information:

Name : ATI-PU-0204-OUT  
Location : PI  
Contact :  
System Up time : 0 days, 00:22:18  
CPU Load : 53%  
System time(UTC) : 28 November 2018 20:23:50  
Broadcast Message : not set

### HW:

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

### MAC addresses:

LAN : 00:20:0e:10:9d:00  
Satellite (DVB) : 00:20:0e:10:9d:00

# 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 : -19.9 dBm  
Es/No : 12.0 dB

Header Compression : Disabled  
Timing correction : 11 us (249507 us)  
Frequency correction: 430 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 : 11.628123 GHz  
Symbol Rate : 25.000002 Msps  
S2 ModCod  
- receiving : 1 QPSK-1/4  
- current max : 21 16APSK-5/6  
Pilot : On  
Frame length : Short  
DVB S2 Mode : ACM  
DVB S2 Stream type : MPEG-TS  
Roll off : 0.25  
SNR : 14.8 dB  
Input Power : -35 dBm  
# arp show

NetAddr	State	MacAddr	If
10.225.3.58	Dynamic	00:90:27:ef:6e:a4	1

# ip show

#### Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.3.57	255.255.255.252	10.225.3.59	1500	eth0	1
3	172.18.193.56	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	7056	7	0	3270634	7961	15	0	3834756
3	7605	0	0	4356246	6838	0	0	3161290
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	14622	99	0	0	14872	192	0	1

#### 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
10.225.3.56	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.216.0	255.255.255.0	10.225.3.58	1	STATIC	ACTIVE
172.18.193.56	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

#



### 3 – Configuração do Modem

```
COM3 - PuTTY
Kernel 3.10.0-514.26.2.el7.x86_64 on an x86_64
localhost login:
BLOCKBIT UTM 1.4
E8EC0AAC-C267-11E8-AB52-4C6D5D66FF25
Kernel 3.10.0-514.26.2.el7.x86_64 on an x86_64
localhost login: admin
Senha:
Último login: Wed Nov 28 15:57:41 em: tty90
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 10.225.3.58 netmask 255.255.255.252 broadcast 10.225.3.59
    ether 00:90:27:ef:6e:a4 txqueuelen 10000 (Ethernet)
    RX packets 65276 bytes 55738417 (53.1 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 56829 bytes 26811997 (25.5 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 10.225.216.1 netmask 255.255.255.0 broadcast 10.225.216.255
    ether 00:90:27:ef:6e:a5 txqueuelen 10000 (Ethernet)
    RX packets 64123 bytes 27650868 (26.3 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 74166 bytes 68059271 (64.9 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 801719 bytes 145873252 (139.1 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 801719 bytes 145873252 (139.1 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

admin >
```

Apenas emergência

 51%



14:20

ter, 27 de nov  qua, 06:30



Piaui\_Conectado ▼

Bluetooth ▼

Apenas emergência



Não perturbe



Apenas emergência



Apenas emergência



Modo avião



Retrato



Lanterna



Localização



Transmitir



Roteador Wi-Fi





Graph (Username: ATI-PU-0204-OUT)

