



## TERMO DE ACEITE TÉCNICO

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

**NOC/Operadora:** Pedro Bernardes

**Técnico Instalador:** Arnaldo Ribeiro

**Contato:** (88) 99810-4720

**Email:** netpointjuazeiro@gmail.com

**ATI:** Wesley Souza

**Responsável/cliente:** Luiz Humberto

<b>Orgão:</b> ATI	<b>Unidade:</b> Praça Principal (Alegrete do Piauí)	<b>Data Instalação</b> 22/12/2018	<b>Data Ativação</b> 22/12/2018
<b>Operadora</b> Global Eagle	<b>VSAT-ID</b> ATI-PB-0264-OUT	<b>Porta kbps</b> 4096/512	<b>Tipo</b> Outdoor

Piauí, 22 de dezembro de 2018

### 1 – Local da Instalação



## 2 – Configurações do Modem

# device show

System Information:

Name : ATI-PB-0264-OUT  
Location : Alegrete do Piauí - PI  
Contact :  
System Up time : 0 days, 01:23:43  
CPU Load : 41%  
System time(UTC) : 22 December 2018 14:05:54  
Broadcast Message : not set

HW:

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

MAC addresses:

LAN : 00:20:0e:10:8e:d9  
Satellite (DVB) : 00:20:0e:10:8e:d9

# dvb tx show

Satellite (DVB) TX Configuration

-----  
Auto start : Enabled  
BUPC status : Disabled  
IDU Output Power : -17 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 : -16.9 dBm  
Es/No : 13.0 dB  
Header Compression : Disabled  
Timing correction : -281 us (249590 us)  
Frequency correction: 280 Hz

# dvb rx show

Satellite (DVB) RX Configuration

-----  
Auto start : Enabled  
Max Traffic MODCOD : 28 32APSK-9/10  
RX watchdog : 15 minute

Idx	Pri	SymbRate[Mbps]	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 : 11.628176 GHz  
Symbol Rate : 25.001093 Msps  
S2 ModCod  
- receiving : 21 16APSK-5/6  
- 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 : 15.4 dB  
Input Power : -29 dBm

#### # arp show

NetAddr	State	MacAddr	If
10.225.4.42	Dynamic	80:ee:73:42:b9:fa	1

#### # ip show

##### Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.4.41	255.255.255.252	10.225.4.43	1540	eth0	1
3	172.18.137.239	255.255.255.255	N/A	1540	dvb0	1
4	N/A	N/A	N/A	1540	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	102957	1747	2355	21091762	84243	247	1	78665892
3	86099	0	471	78853422	104786	0	0	19441266
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	190003	4610	0	0	208331	4484	288	1144

#### 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
10.225.4.40	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.226.20.0	255.255.255.0	10.225.4.42	1	STATIC	ACTIVE
172.18.137.239	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

3 – Configurações dos Equipamentos

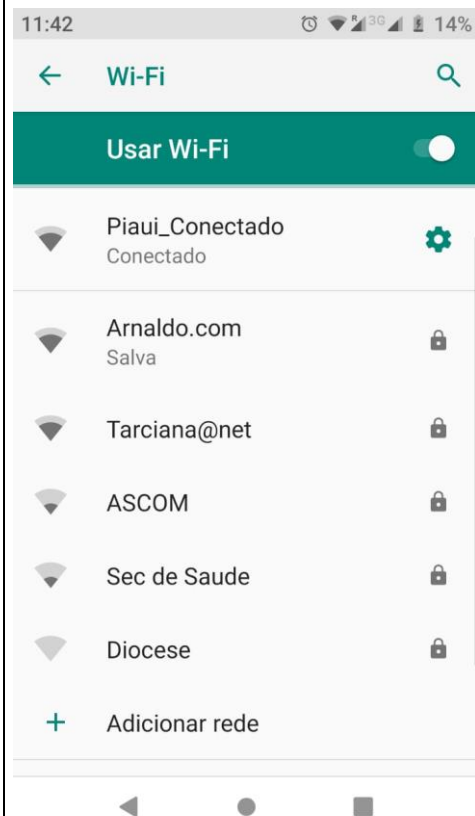
Configurações de Rede

Configurações	Interfaces	Roteamento Estático	Roteamento Dinâmico	Configurações IPv6	Controle de Banda	H.A.
<div>+ -</div>						
Status	Interface	Endereço	Gateway	Tipo	Zona	Ação
	eth0	10.225.4.42/30	-	Física	WAN	
	eth1	10.226.20.1/24	-	Física	LAN	
	eth2	-	-	Física	-	
	eth3	-	-	Física	-	

```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.4.42 netmask 255.255.255.252 broadcast 10.225.4.43
    ether 00:90:27:f0:86:f8 txqueuelen 10000 (Ethernet)
    RX packets 324 bytes 28901 (28.2 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 519 bytes 53294 (52.0 KiB)
    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 10.226.20.1 netmask 255.255.255.0 broadcast 10.226.20.255
    ether 00:90:27:f0:86:f9 txqueuelen 10000 (Ethernet)
    RX packets 3427 bytes 490420 (478.9 KiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 4314 bytes 5404230 (5.1 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 44118 bytes 35822909 (34.1 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 44118 bytes 35822909 (34.1 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
```



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

