



# TERMO DE ACEITE TÉCNICO

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

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**Orgão:** SEDUC

**Unidade:** Praça Central Pedrosa de Luna

**Data Instalação**

08/10/2018

**Data Ativação**

08/10/2018

**Operadora**  
Global Eagle

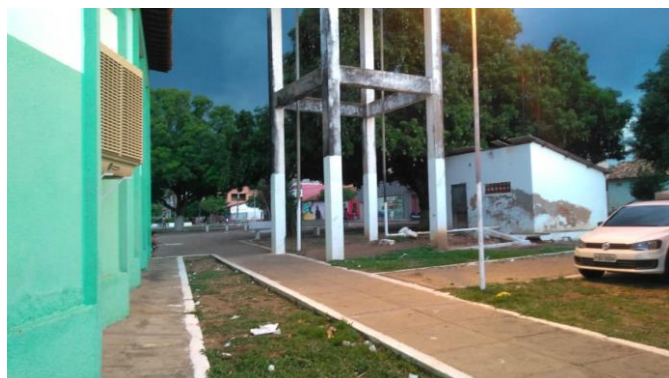
**VSAT-ID**  
ATI-OU-0016-IND

**Porta kbps**  
4096/512

**Tipo**  
Indoor

Piauí, 08 de Outubro de 2018

## 1 – Local da Instalação



## 2 – Configurações do Modem

# device show

System Information:

Name : ATI-OU-0016-IND

Location : Marcos Parente - PI  
Contact :  
System Up time : 0 days, 10:53:13  
CPU Load : 7%  
System time(UTC) : 09 October 2018 07:16:15  
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:f9  
Satellite (DVB) : 00:20:0e:10:86:f9

# # 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 : -20.0 dBm  
Es/No : 13.5 dB  
Header Compression : Disabled  
Timing correction : -119 us (250645 us)  
Frequency correction: 60 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 : 11.628094 GHz  
Symbol Rate : 25.000126 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 : 15.2 dB

Input Power : -32 dBm

## # arp show

NetAddr	State	MacAddr	If
10.225.1.22	Dynamic	00:90:27:f0:86:dc	1

## # ip show

### Interfaces

If	IPAddress	SubnetMask	BroadCastAddr	MTU	Alias	AdminStatus
1	10.225.1.21	255.255.255.252	10.225.1.23	1500	eth0	1
3	172.18.192.137	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	194142	0	20	86813940	301225	320	1	345542160
3	291400	0	101	347502941	92764	0	338	78969823
4	0	0	0	0	0	0	0	0

IP	Receive	Deliver	Errors	InDiscards	Forward	Request	NoRoute	OutDiscards
	484202	3260	0	0	393387	3787	0	126

## Interface Directed Routing Table

In If Out If

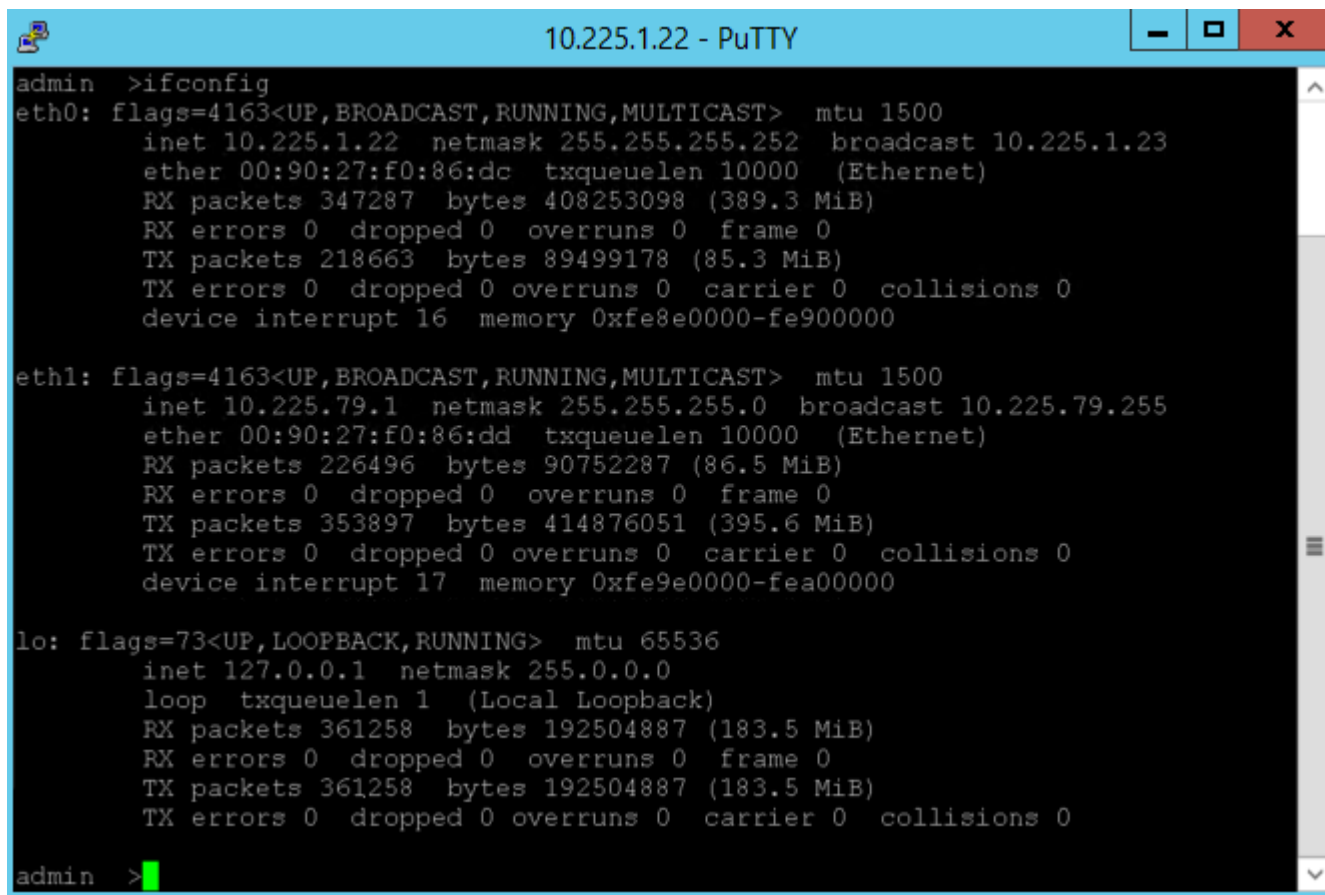
## -----IP LAC Statistics-----

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
10.225.1.20	255.255.255.252	0.0.0.0	1	LOCAL	ACTIVE
10.225.79.0	255.255.255.0	10.225.1.22	1	STATIC	ACTIVE
172.18.192.137	255.255.255.255	0.0.0.0	3	LOCAL	ACTIVE

### 3 – Configurações dos Equipamentos



```
admin >ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
    inet 10.225.1.22 netmask 255.255.255.252 broadcast 10.225.1.23
    ether 00:90:27:f0:86:dc txqueuelen 10000 (Ethernet)
    RX packets 347287 bytes 408253098 (389.3 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 218663 bytes 89499178 (85.3 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 10.225.79.1 netmask 255.255.255.0 broadcast 10.225.79.255
    ether 00:90:27:f0:86:dd txqueuelen 10000 (Ethernet)
    RX packets 226496 bytes 90752287 (86.5 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 353897 bytes 414876051 (395.6 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 361258 bytes 192504887 (183.5 MiB)
    RX errors 0 dropped 0 overruns 0 frame 0
    TX packets 361258 bytes 192504887 (183.5 MiB)
    TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

admin >
```

### 4 – Teste de Velocidade

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