# TERMO DE ACEITE TÉCNICO

**prodemge**

| | |
|---|---|
| **Solicitante:** SES – Secretaria de Estado de Saúde de Minas Gerais | **Data:** 29/02/2012 |

| | |
|---|---|
| **NOC/Operadora:** Renan Borges Sousa | **Operadora/Cliente:** Ednei Gomes de Sousa |

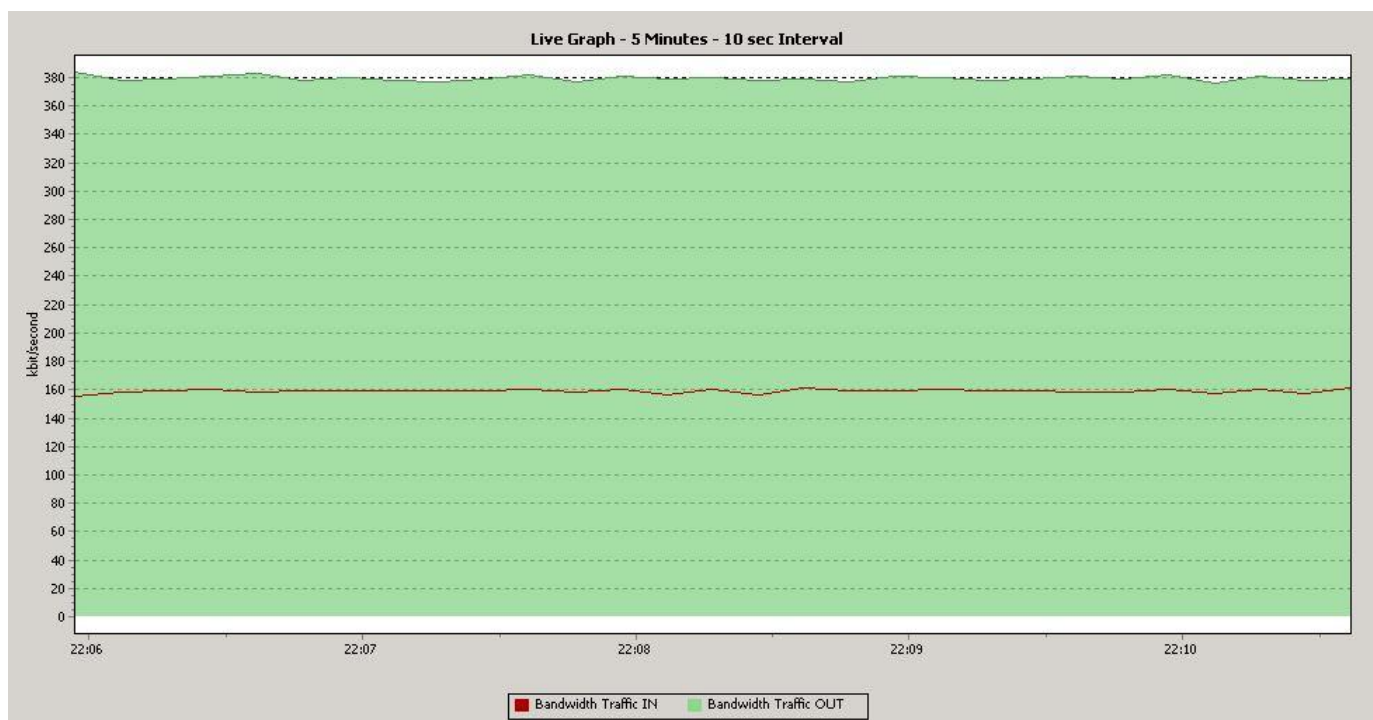| | |
|---|---|
| **GRE/Prodemge:** Bruno de Líbero Hauk Ferreira | **Responsável/cliente:** Maycon Sthael Alves Gontijo |

| Consórcio | VSAT-ID | Porta kbps | Plataforma |
|---|---|---|---|
| STM/Vodanet | SES-BOAS-0802 | 384/153 | VSAT |



Live Graph - 5 Minutes - 10 sec Interval

Bandwidth Traffic IN   Bandwidth Traffic OUT

```
Satellite (DVB) RX Configuration
-------------------------------
Auto start          : Enabled
Max MODCOD          : 15   8PSK-5/6 (SNR threshold: 10.6 dB)
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz]  Mode   PopId   Enable
* 0   0    7.120000      11.583700  DVB-S2 2        Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.583757 GHz
Symbol Rate         : 7.120026 Msps
S2 ModCod
     - receiving    : 4   QPSK-1/2
     - current max  : 15   8PSK-5/6
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 14.1 dB
Input Power         : -31 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start            : Enabled
IDU Output Power      : -11 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power      : 34.7 dBm
EIRP                  : 48.0 dBW
Default CW Frequency: 0.000000 GHz
ATM mode              : VC-Mux
Header Compression    : UDP/IP/DSM-CC


Satellite (DVB) Transmitter Status
--------------------------------
State                 : On (TDMA)
IDU Output Power      : -13.1 dBm
ODU Output Power      : 34.4 dBm
EIRP                  : 47.7 dBW
Es/No                 : 15.0 dB
Header Compression    :  DSM-CC
Timing correction     : -266 us (271707 us)
Frequency correction: 80 Hz
#

IP DVB 10.148.0.111/32

Pinging 10.144.118.1 with 32 bytes of data:

Reply from 10.144.118.1: bytes=32 time=620ms TTL=62
Reply from 10.144.118.1: bytes=32 time=543ms TTL=62
Reply from 10.144.118.1: bytes=32 time=587ms TTL=62
Reply from 10.144.118.1: bytes=32 time=574ms TTL=62
Reply from 10.144.118.1: bytes=32 time=585ms TTL=62
Reply from 10.144.118.1: bytes=32 time=606ms TTL=62
Reply from 10.144.118.1: bytes=32 time=617ms TTL=62
Reply from 10.144.118.1: bytes=32 time=637ms TTL=62
Reply from 10.144.118.1: bytes=32 time=560ms TTL=62
Reply from 10.144.118.1: bytes=32 time=571ms TTL=62

Ping statistics for 10.144.118.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 543ms, Maximum = 637ms, Average = 590ms
```