# prodemge

# TERMO DE ACEITE TÉCNICO

**Solicitante:** SES – Secretaria de Estado de Saúde de Minas Gerais

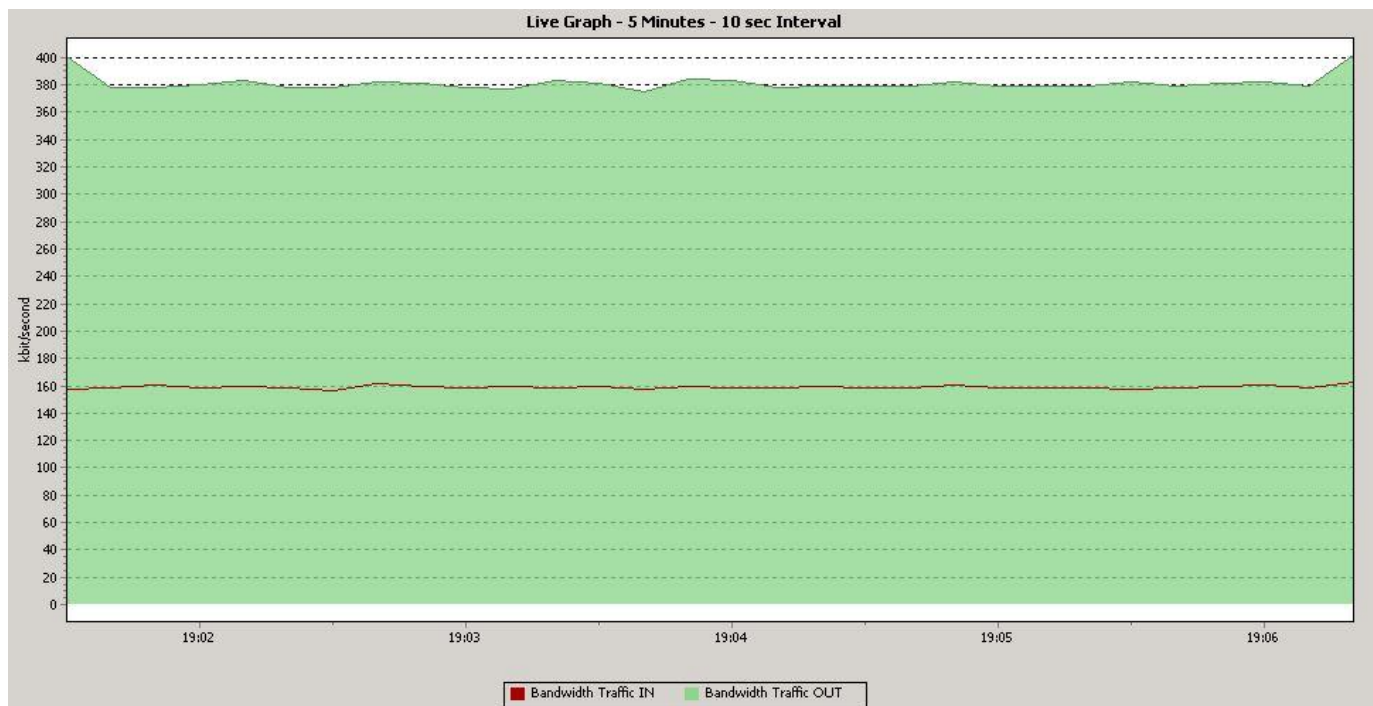| | |
|---|---|
| **NOC/Operadora:** Renan Borges Sousa | **Operadora/Cliente:** Airton Gabriel do Nascimento |
| **GRE/Prodemge:** Márlu da Silva Santos | **Responsável/cliente:** Rodinea Baessa de Oliveira |

| Consórcio | VSAT-ID | Porta kbps | Plataforma |
|---|---|---|---|
| STM/Vodanet | SES-BEIM-3788 | 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)
ACM Latency         : On
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps]  Freq[GHz]   Mode   PopId   Enable
* 0   0    13.333000      11.588250   DVB-S2 2         Yes
  1   1     0.000000       0.000000   DVB-S2 2         Yes

Satellite (DVB) Receiver Status
-------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588541 GHz
Symbol Rate         : 13.332999 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 15   8PSK-5/6
Pilot               : On
Frame length        : Short frame
DVB S2 Mode         : ACM
Roll off            : 0.25
SNR                 : 13.5 dB
Input Power         : -33 dBm
#
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start            : Enabled
IDU output power      : -11 dBm
IDU max output power: 0.0 dBm
EIRP                  : max
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      : -11.2 dBm
ODU Output Power      : 34.6 dBm
EIRP                  : 47.9 dBW
Es/No                 : 14.5 dB
Header Compression    :  DSM-CC
Timing correction     : 85 us (260849 us)
Frequency correction: -160 Hz


IP DVB 10.148.1.225/32


Pinging 10.146.111.1 with 32 bytes of data:

Reply from 10.146.111.1: bytes=32 time=626ms TTL=62
Reply from 10.146.111.1: bytes=32 time=652ms TTL=62
Reply from 10.146.111.1: bytes=32 time=630ms TTL=62
Reply from 10.146.111.1: bytes=32 time=615ms TTL=62
Reply from 10.146.111.1: bytes=32 time=607ms TTL=62
Reply from 10.146.111.1: bytes=32 time=584ms TTL=62
Reply from 10.146.111.1: bytes=32 time=638ms TTL=62
Reply from 10.146.111.1: bytes=32 time=562ms TTL=62
Reply from 10.146.111.1: bytes=32 time=725ms TTL=62
Reply from 10.146.111.1: bytes=32 time=593ms TTL=62

Ping statistics for 10.146.111.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 562ms, Maximum = 725ms, Average = 623ms
```