prodemge

TERMO DE ACEITE TÉCNICO

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

NOC/Operadora: Pedro Henrique da R. Bernardes | **Operadora/Cliente:** Victor Hugo
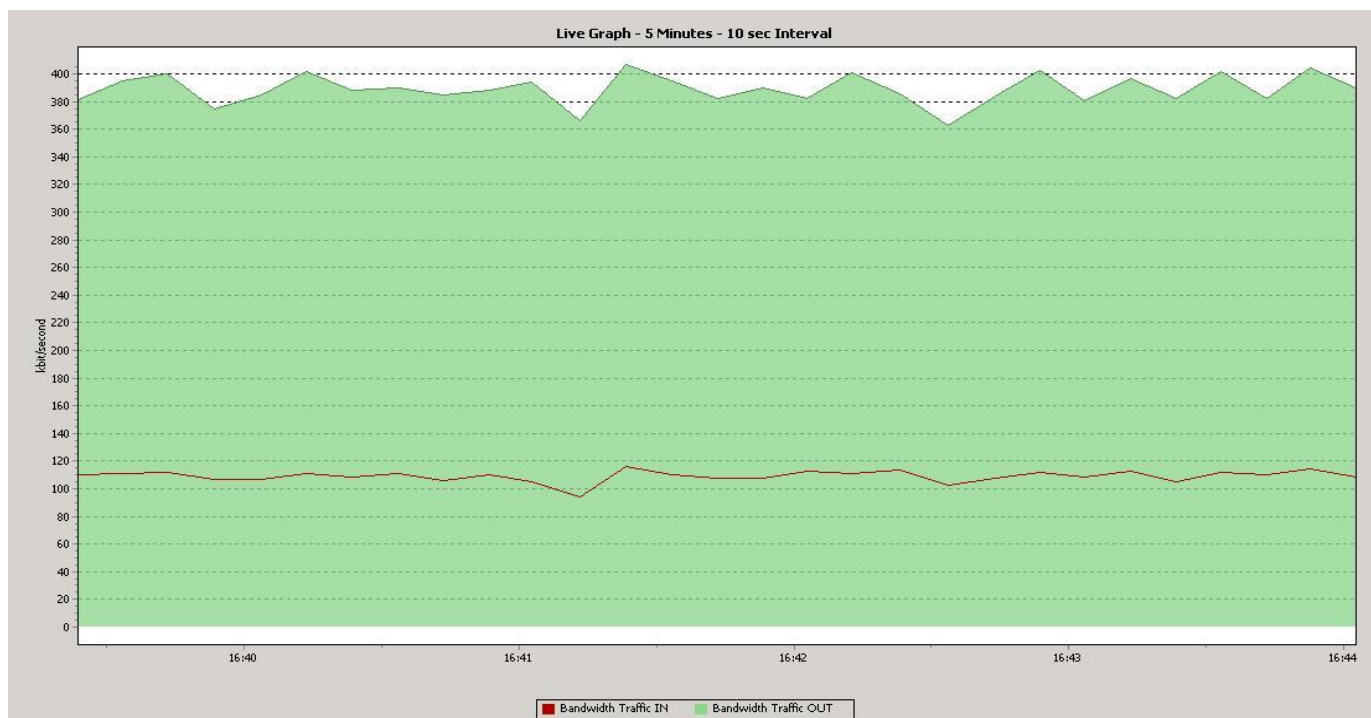
GRE/Prodemge: Douglas Alvares | **Responsável/cliente:** Valber Vidal]

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-CLAL-4084	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          No

Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 11.588749 GHz
Symbol Rate         : 13.332898 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                 : 12.7 dB
Input Power         : -34 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start           : Enabled
IDU output power     : -24 dBm
IDU max output power: 0.0 dBm
EIRP                 : 46.5 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     : -21.9 dBm
ODU Output Power     : 33.1 dBm
EIRP                 : 46.4 dBW
Es/No                : 12.5 dB
Header Compression   :  DSM-CC
Timing correction    : -34 us (262300 us)
Frequency correction: -70 Hz

IP DVB: 10.148.2.160/32


 C:\>ping -n 10 10.147.115.1

 Pinging 10.147.115.1 with 32 bytes of data:

 Reply from 10.147.115.1: bytes=32 time=630ms TTL=62
 Reply from 10.147.115.1: bytes=32 time=554ms TTL=62
 Reply from 10.147.115.1: bytes=32 time=560ms TTL=62
 Reply from 10.147.115.1: bytes=32 time=585ms TTL=62
 Reply from 10.147.115.1: bytes=32 time=597ms TTL=62
 Reply from 10.147.115.1: bytes=32 time=617ms TTL=62
 Reply from 10.147.115.1: bytes=32 time=540ms TTL=62
 Reply from 10.147.115.1: bytes=32 time=551ms TTL=62
 Reply from 10.147.115.1: bytes=32 time=571ms TTL=62
 Reply from 10.147.115.1: bytes=32 time=545ms TTL=62

 Ping statistics for 10.147.115.1:
     Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
 Approximate round trip times in milli-seconds:
     Minimum = 540ms, Maximum = 630ms, Average = 575ms
```