prodemge

TERMO DE ACEITE TÉCNICO

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

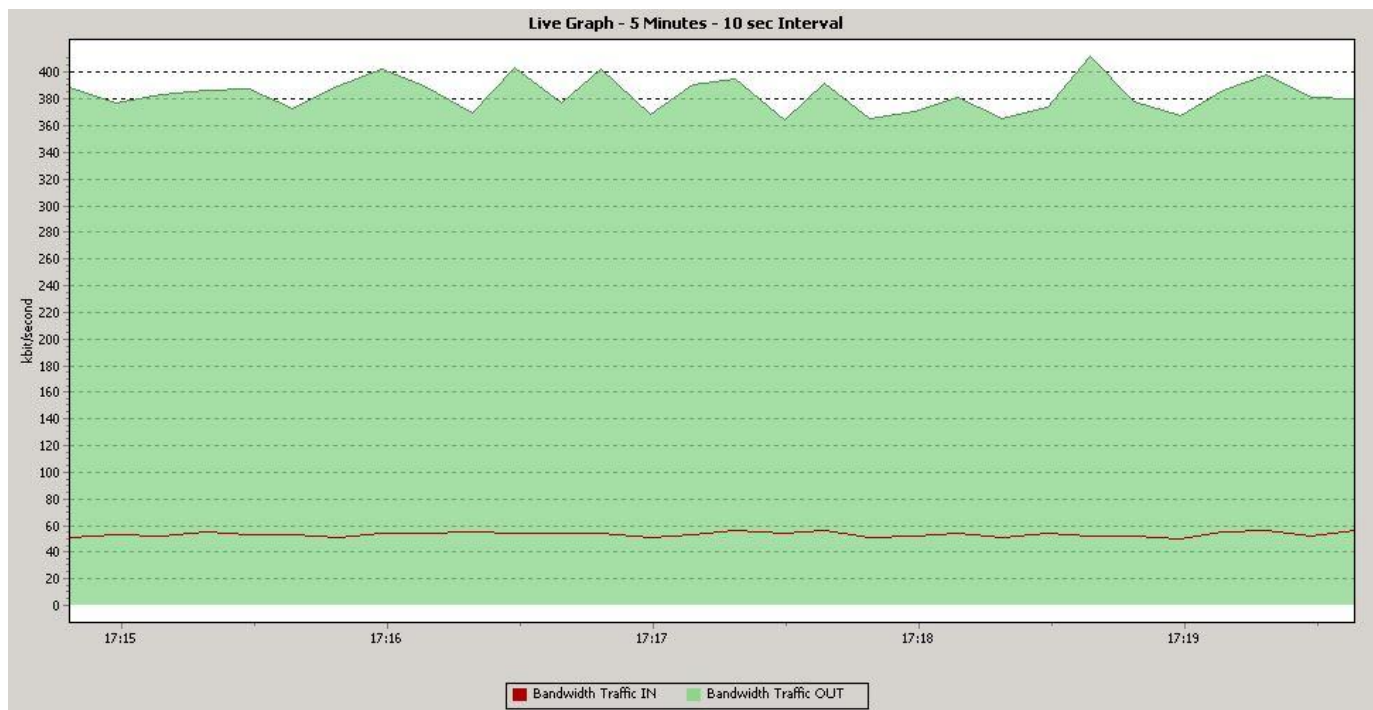|	
NOC/Operadora: Renan Borges Sousa	**Operadora/Cliente:** Alexandre Pascoal da Silva
GRE/Prodemge: Márlu da Silva Santos	**Responsável/cliente:** Kátia Ferreira da Silva

Consórcio	VSAT-ID	Porta kbps	Plataforma
STM/Vodanet	SES-OLRA-3883	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           : 11.588301 GHz
Symbol Rate         : 13.332869 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                 : 13.7 dB
Input Power         : -37 dBm
# #
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU output power    : -17 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    : -14.7 dBm
ODU Output Power    : 33.2 dBm
EIRP                : 46.5 dBW
Es/No               : 14.0 dB
Header Compression  :  DSM-CC
Timing correction   : -62 us (261352 us)
Frequency correction: -20 Hz


IP DVB 10.148.1.180/32


Pinging 10.146.142.1 with 32 bytes of data:

Reply from 10.146.142.1: bytes=32 time=596ms TTL=62
Reply from 10.146.142.1: bytes=32 time=604ms TTL=62
Reply from 10.146.142.1: bytes=32 time=531ms TTL=62
Reply from 10.146.142.1: bytes=32 time=543ms TTL=62
Reply from 10.146.142.1: bytes=32 time=554ms TTL=62
Reply from 10.146.142.1: bytes=32 time=575ms TTL=62
Reply from 10.146.142.1: bytes=32 time=586ms TTL=62
Reply from 10.146.142.1: bytes=32 time=607ms TTL=62
Reply from 10.146.142.1: bytes=32 time=530ms TTL=62
Reply from 10.146.142.1: bytes=32 time=541ms TTL=62

Ping statistics for 10.146.142.1:
Packets: Sent = 10, Received = 10, Lost = 0 (0% loss),
Approximate round trip times in milli-seconds:
Minimum = 530ms, Maximum = 607ms, Average = 566ms
```