	TERMO DE ACEITE TÉCNICO

Solicitante: PRODEMGE / SEE

NOC/Operadora: Pedro Bernardes	**Operadora/Cliente:** Claudinei Silva
GRE/Prodemge: João Antinossi	**Responsável/cliente:** Gilmar Cruz Santos

Consórcio	VSAT-ID	Porta kbps	Plataforma
EMC/Vodanet	SEE-CULO-21916	2Mbps	VSAT

Port eth0 on SEE-CULO-21916 (10.212.4.1)

Live Graph - 5 Minutes - 10 sec Interval

Bandwidth Traffic IN   Bandwidth Traffic OUT
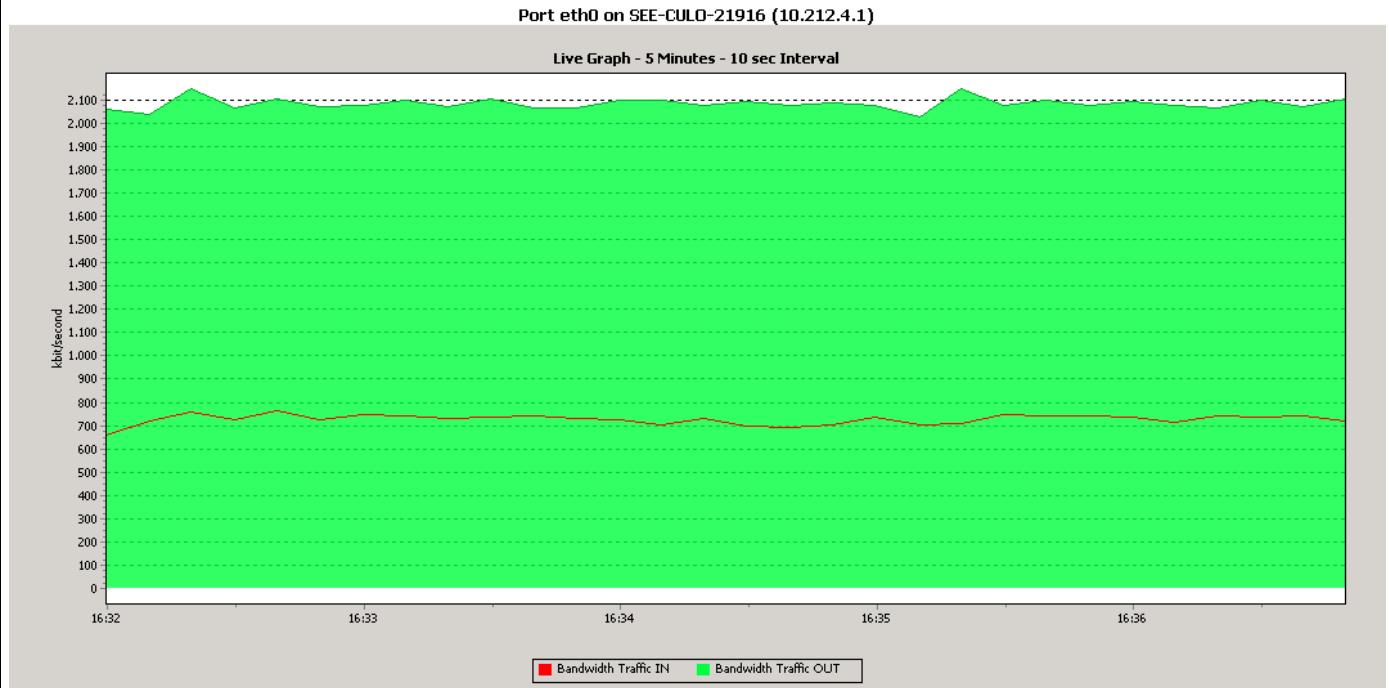
PRTG Traffic Grapher V6.2.0.907 - 9/10/2017 16:36:57

```
Satellite (DVB) RX Configuration
--------------------------------
Auto start          : Enabled
Max Traffic MODCOD  : 23   16APSK-9/10
RX watchdog         : 15 minute

Idx  Pri  SymbRate[Msps] Freq[GHz] Mode   PopId   SatId  Pos   SatName         Name
Enable
* 0  0     4.883300      12.176420 DVB-S2 104        0   0.0 E
Yes
  1  1    16.667000      11.962753 DVB-S2 2          0   0.0 E
Yes


Satellite (DVB) Receiver Status
--------------------------------
Rx State            : On
DVB State           : Forward link up
Network             : 65281,  Prodemge@Vodanet
Frequency           : 12.175934 GHz
Symbol Rate         : 4.882989 Msps
S2 ModCod
      - receiving   : 4   QPSK-1/2
      - current max : 22   16APSK-8/9
Pilot               : On
Frame length        : Short
DVB S2 Mode         : ACM
DVB S2 Stream type  : MPEG-TS
Roll off            : 0.20
SNR                 : 15.5 dB
Input Power         : -31 dBm
```

```
Satellite (DVB) TX Configuration
--------------------------------
Auto start          : Enabled
IDU Output Power    : -20 dBm
IDU Max Output Power: 0.0 dBm
ODU Output Power    : 33.5 dBm
EIRP                : 46.5 dBW
Default CW Frequency: 0.000000 GHz
ATM mode            : VC-Mux
Header Compression  :  UDP/IP



Satellite (DVB) Transmitter Status
----------------------------------
State               : On  (DVB-RCS2)
IDU Output Power    : -14.4 dBm
ODU Output Power    : 33.2 dBm
EIRP                : 46.2 dBW
Es/No               : 15.5 dB
Header Compression  : Disabled  - HC for RCS2 not supported by HUB
Timing correction   : -386 us (282090 us)
Frequency correction: 60 Hz

System Information:
    Name                : SEE-CULO-21916
    Location            : Curvelo
    Contact             :
    System Up time      : 4 days, 22:52:41
    CPU Load            : 8%
    System time(UTC)    : 09 October 2017 15:39:02
    Broadcast Message   : not set

HW:
    Model               : SatLink 2000
    HW ID               : 120033
    Main board ID       : 120026 R6.2

MAC addresses:
    Ethernet (LAN)      : 00:20:0e:10:4c:2b
    Satellite (DVB)     : 00:20:0e:10:4c:2b


Disparando 10.148.0.2 com 32 bytes de dados:
Resposta de 10.148.0.2: bytes=32 tempo=593ms TTL=57
Resposta de 10.148.0.2: bytes=32 tempo=604ms TTL=57
Resposta de 10.148.0.2: bytes=32 tempo=591ms TTL=57
Resposta de 10.148.0.2: bytes=32 tempo=635ms TTL=57
Resposta de 10.148.0.2: bytes=32 tempo=593ms TTL=57
Resposta de 10.148.0.2: bytes=32 tempo=587ms TTL=57
Resposta de 10.148.0.2: bytes=32 tempo=560ms TTL=57
Resposta de 10.148.0.2: bytes=32 tempo=659ms TTL=57
Resposta de 10.148.0.2: bytes=32 tempo=685ms TTL=57
Resposta de 10.148.0.2: bytes=32 tempo=613ms TTL=57


Estatísticas do Ping para 10.148.0.2:
    Pacotes: Enviados = 10, Recebidos = 10, Perdidos = 0 (0% de
            perda),
Aproximar um número redondo de vezes em milissegundos:
    Mínimo = 560ms, Máximo = 685ms, Média = 612ms
```

Sites acessados
www.globo.com – ok
www.yahoo.com – ok
www.hotmail.com – ok
www.google.com – ok
www.educacao.mg.gov.br – ok
www.prodemge.gov.br – ok

Responsável pelo teste de navegação:
Nome: Gilmar Cruz Santos
Função: Vice-Diretor
Identidade: Masp – 851.896-1