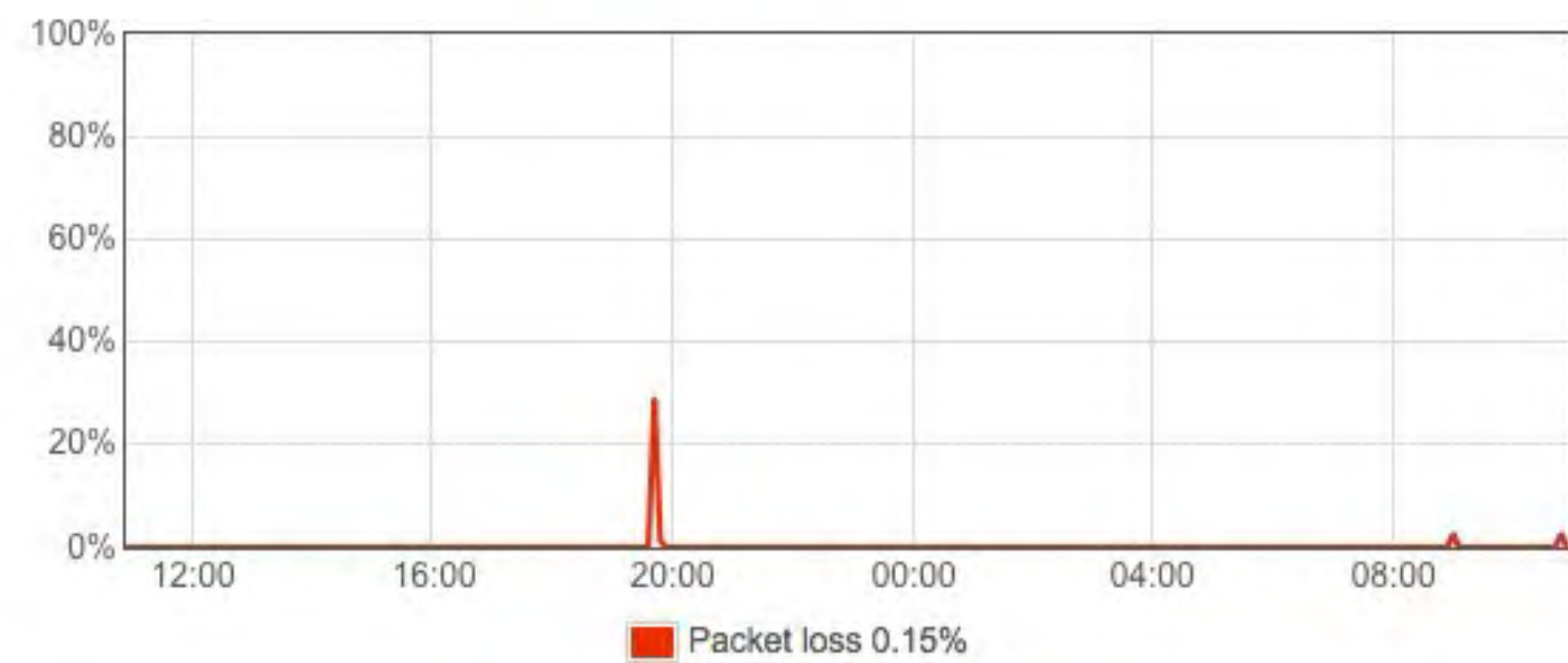
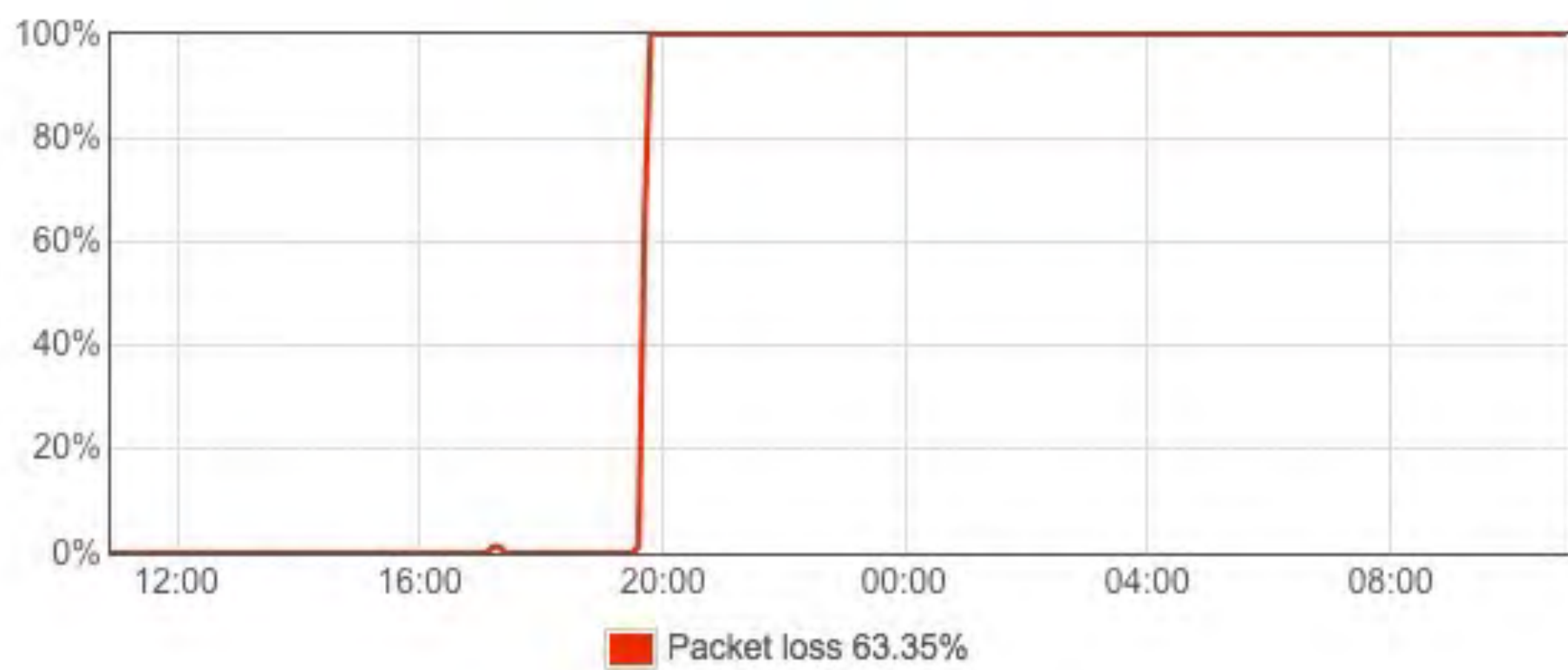
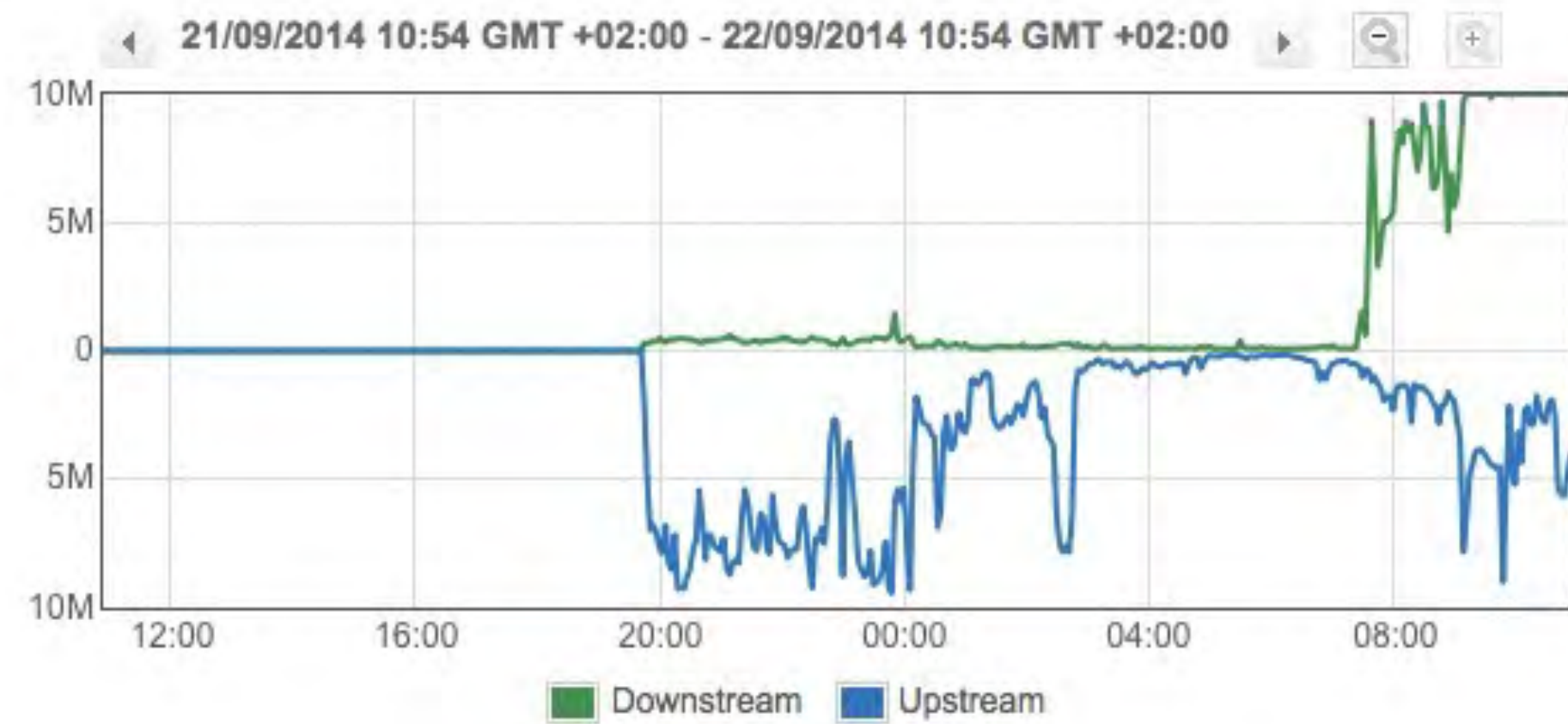
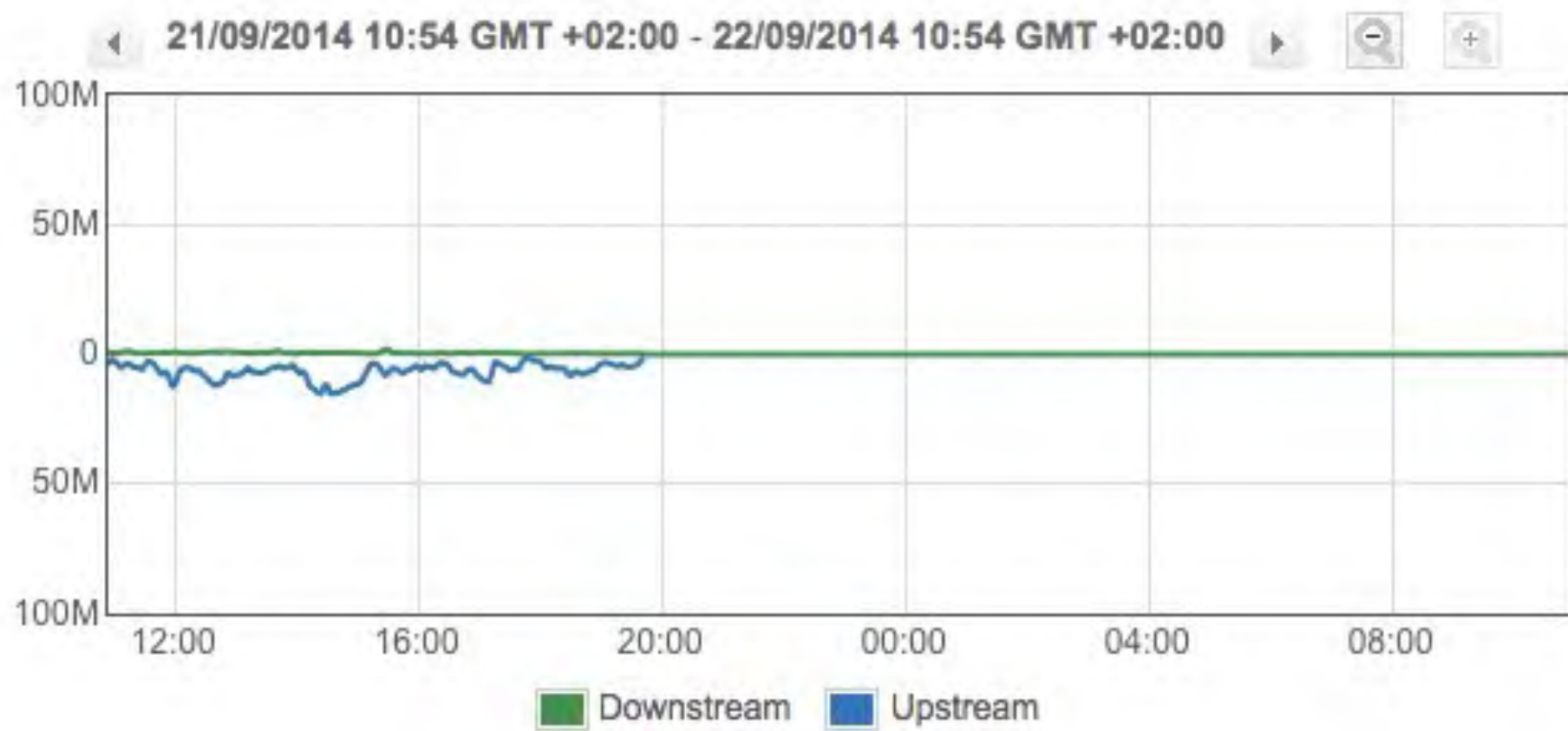


José Luis Gómez
jlgomez  **sarenet** 

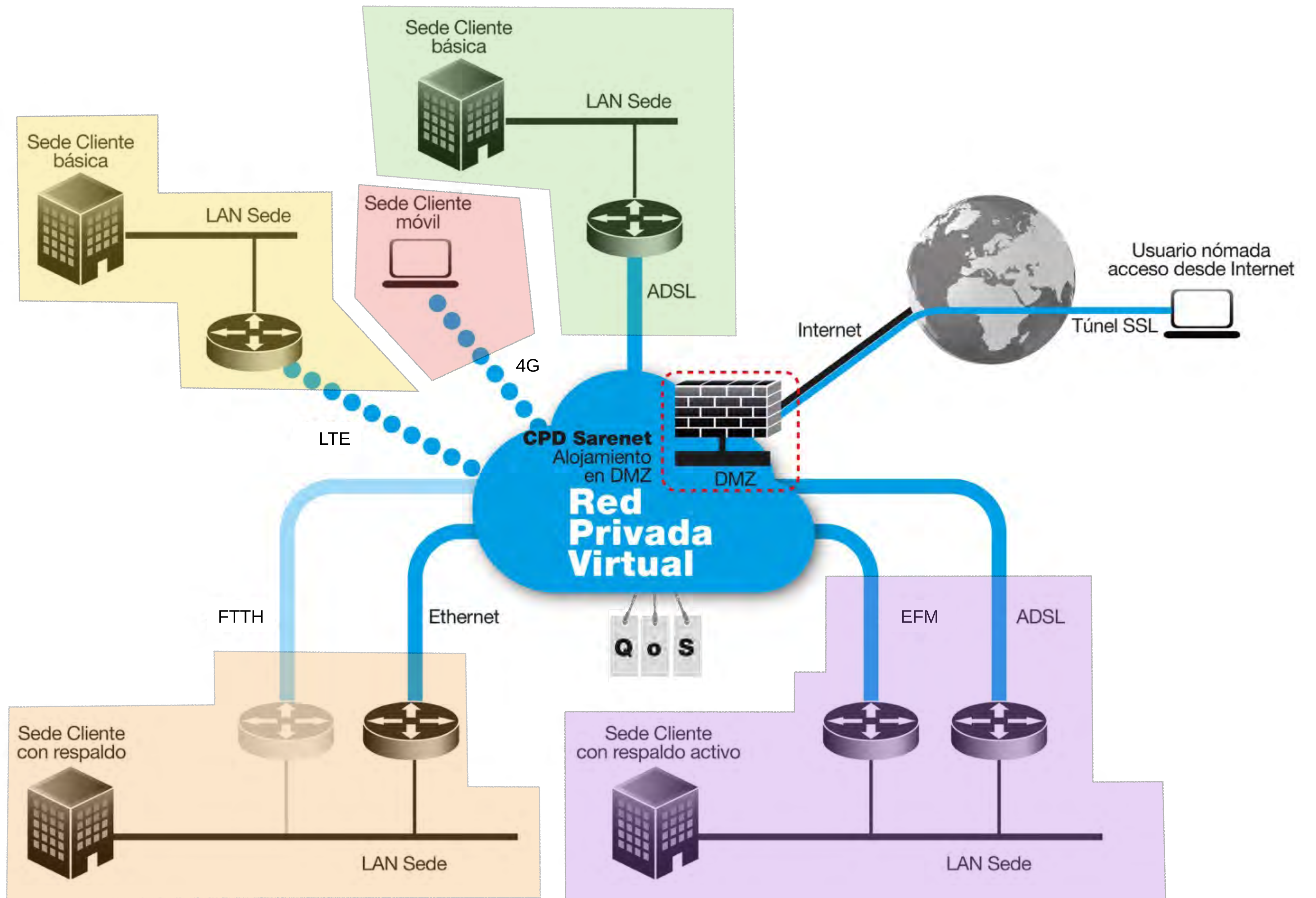
Delegado zona de Levante

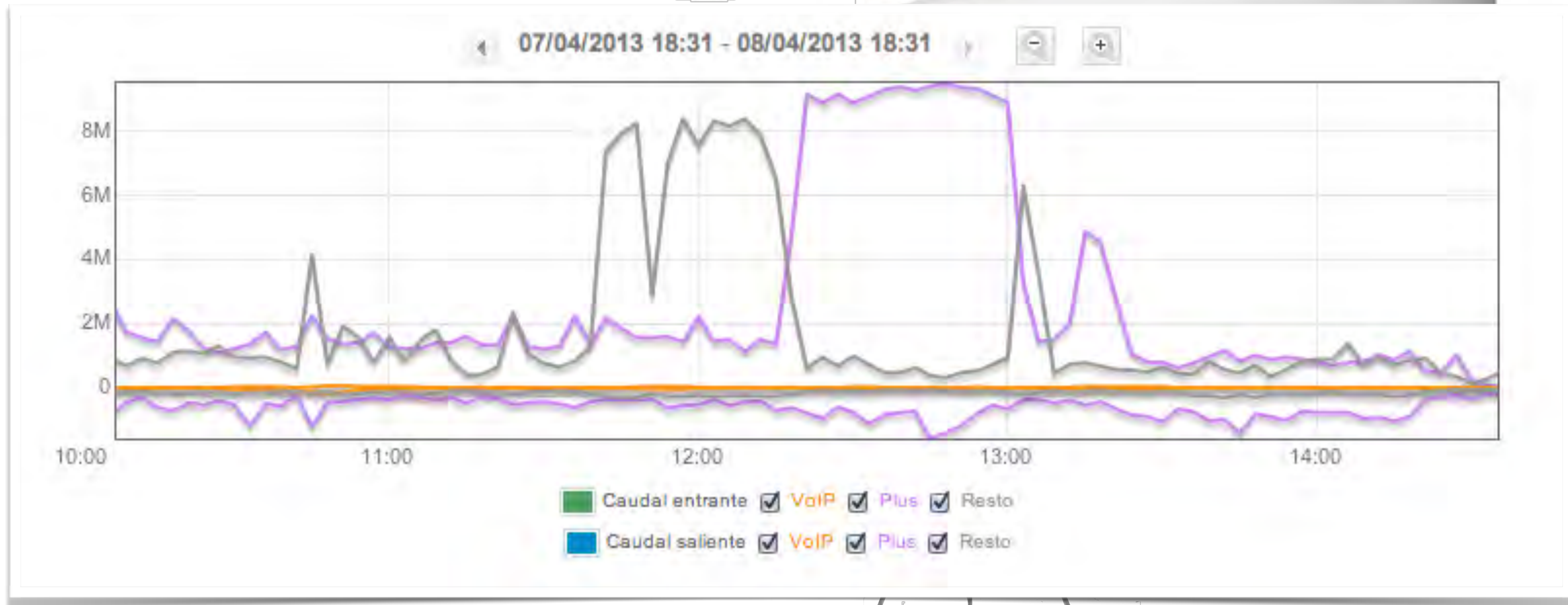


Control de Flujos MPLS



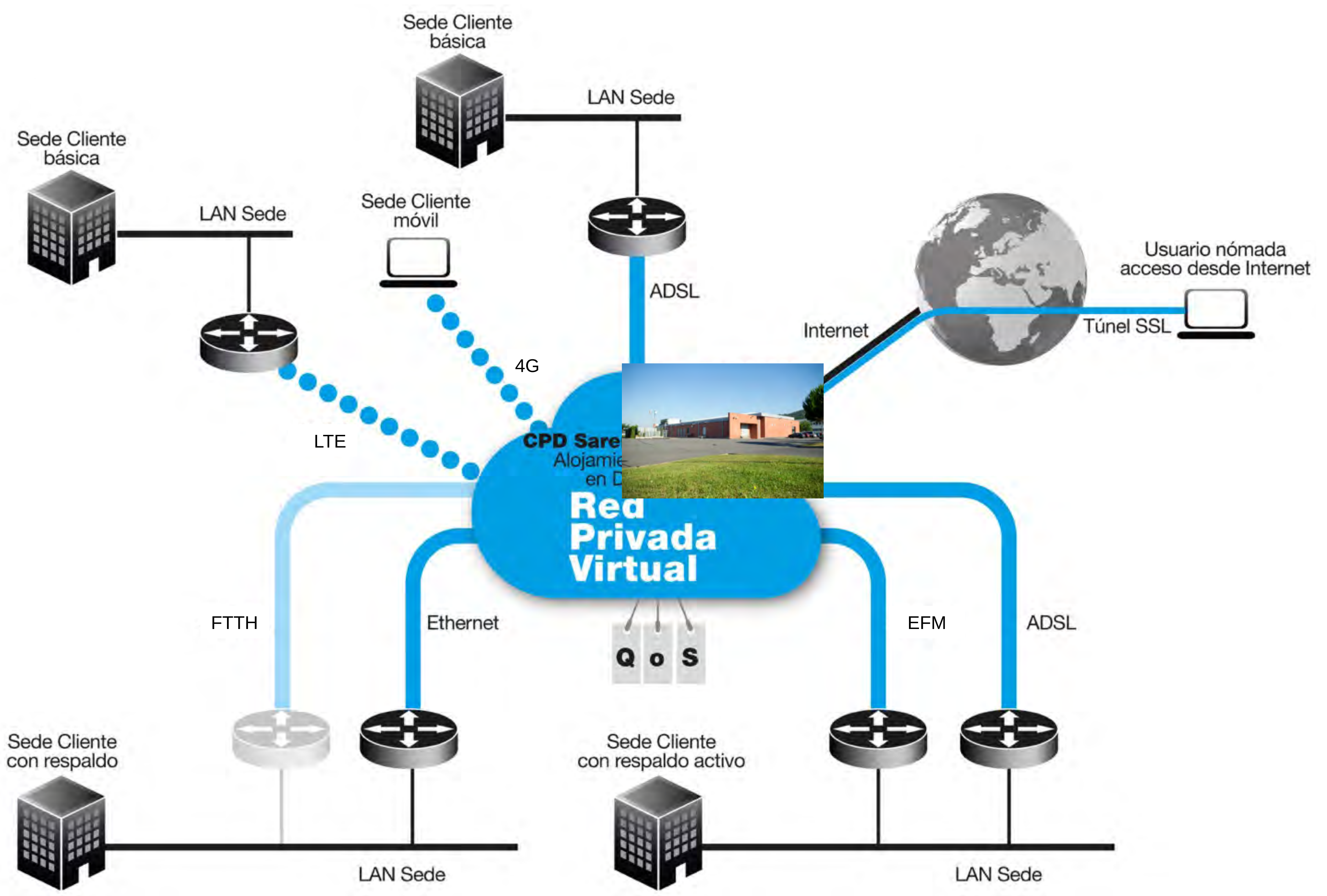
LAN Sede





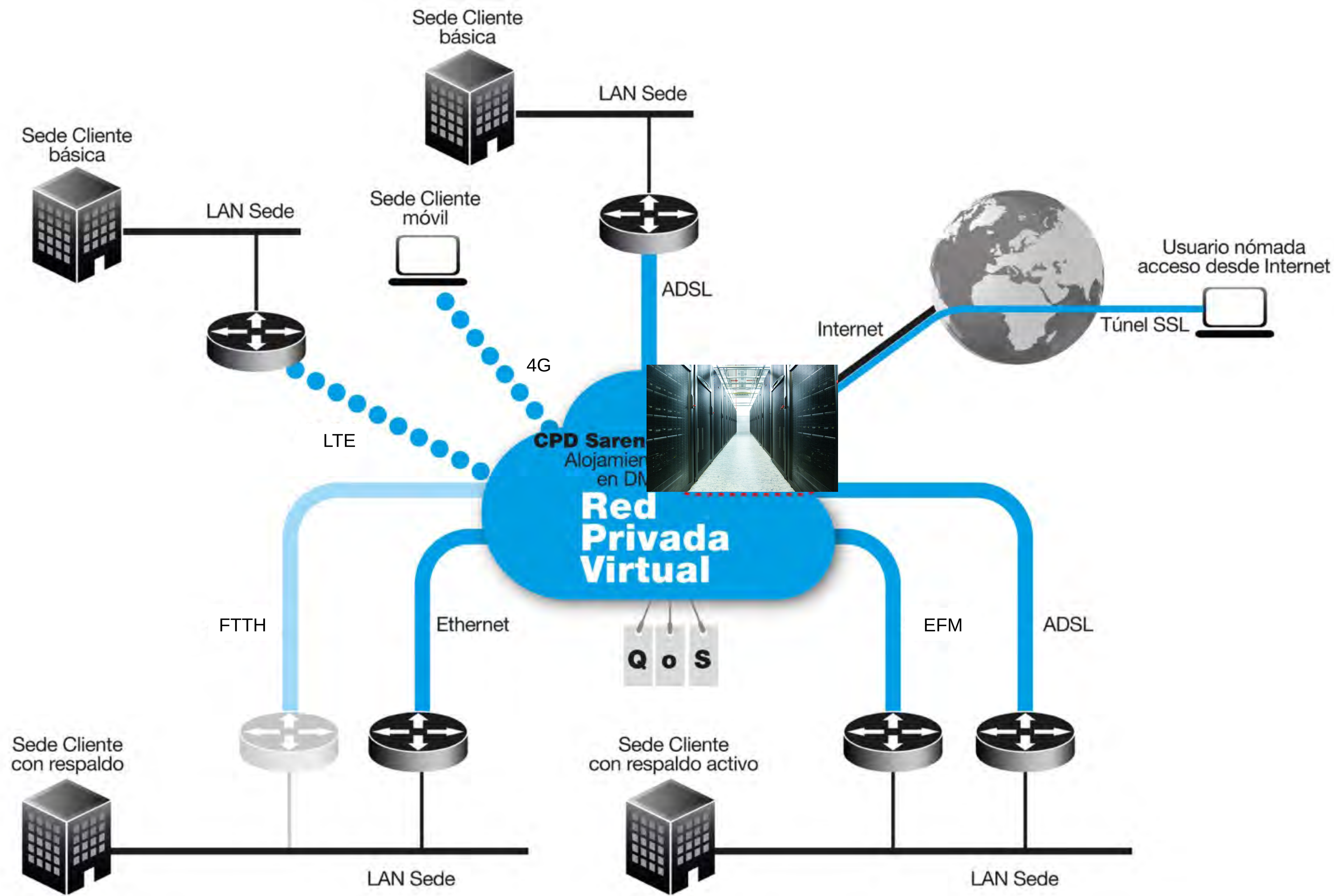
Q o S

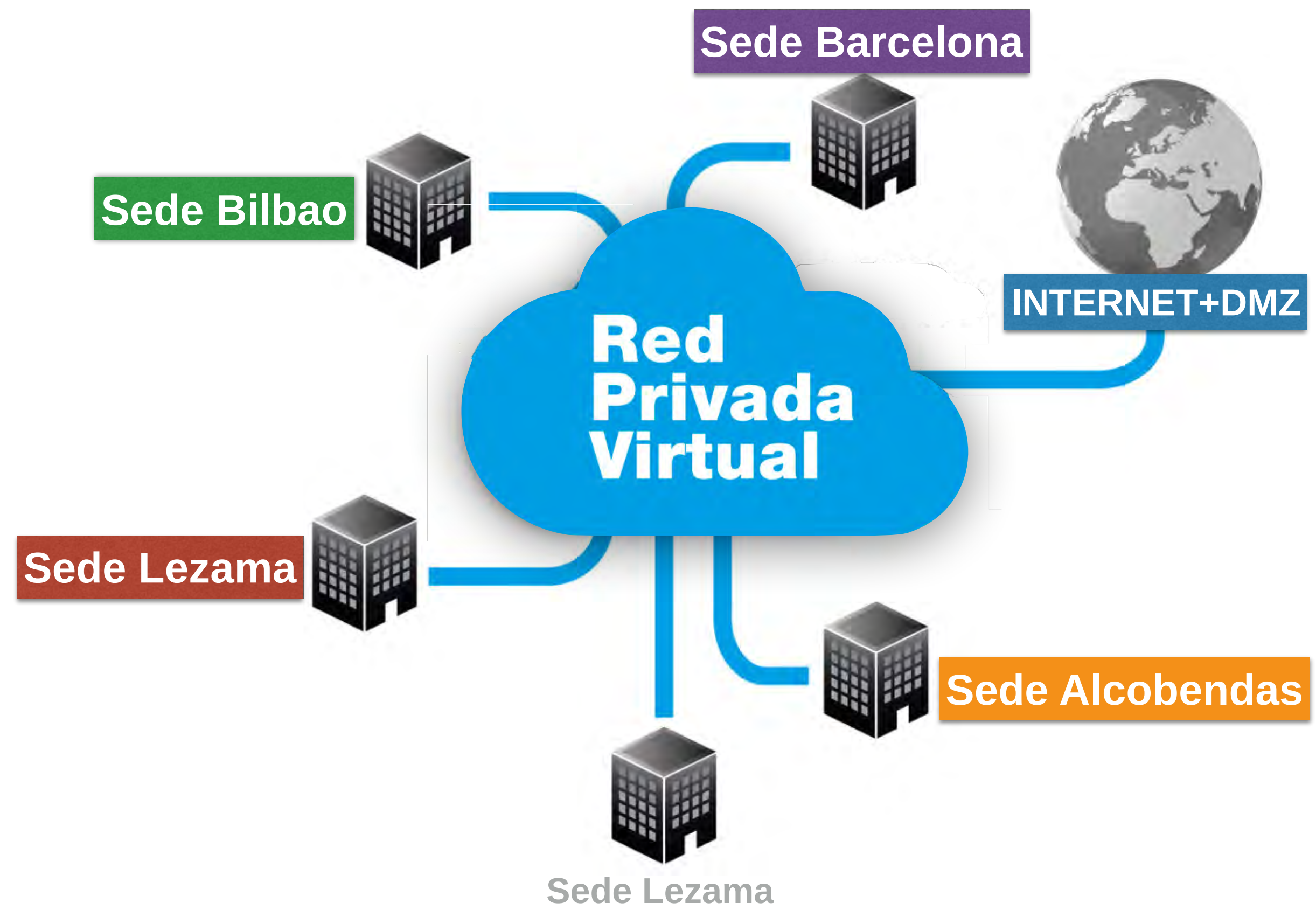












INTERNET+DMZ

Sede Alcobendas

[300M/300M - Backup]

Sede Bilbao

 [20M/20M - 10M/800k]

Sede Lezama

[10M/10M - Backup]

Sede Barcelona

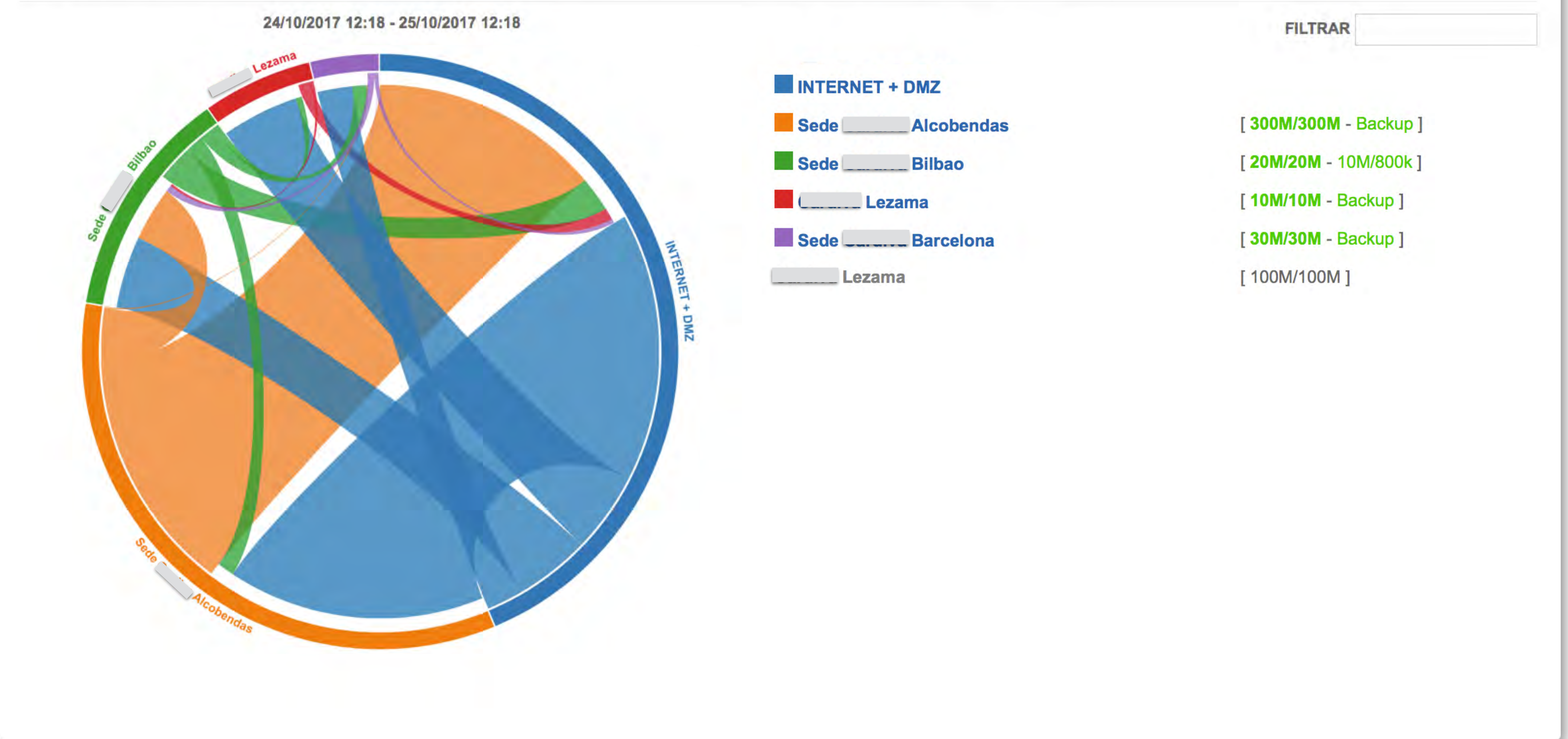
[30M/30M - Backup]

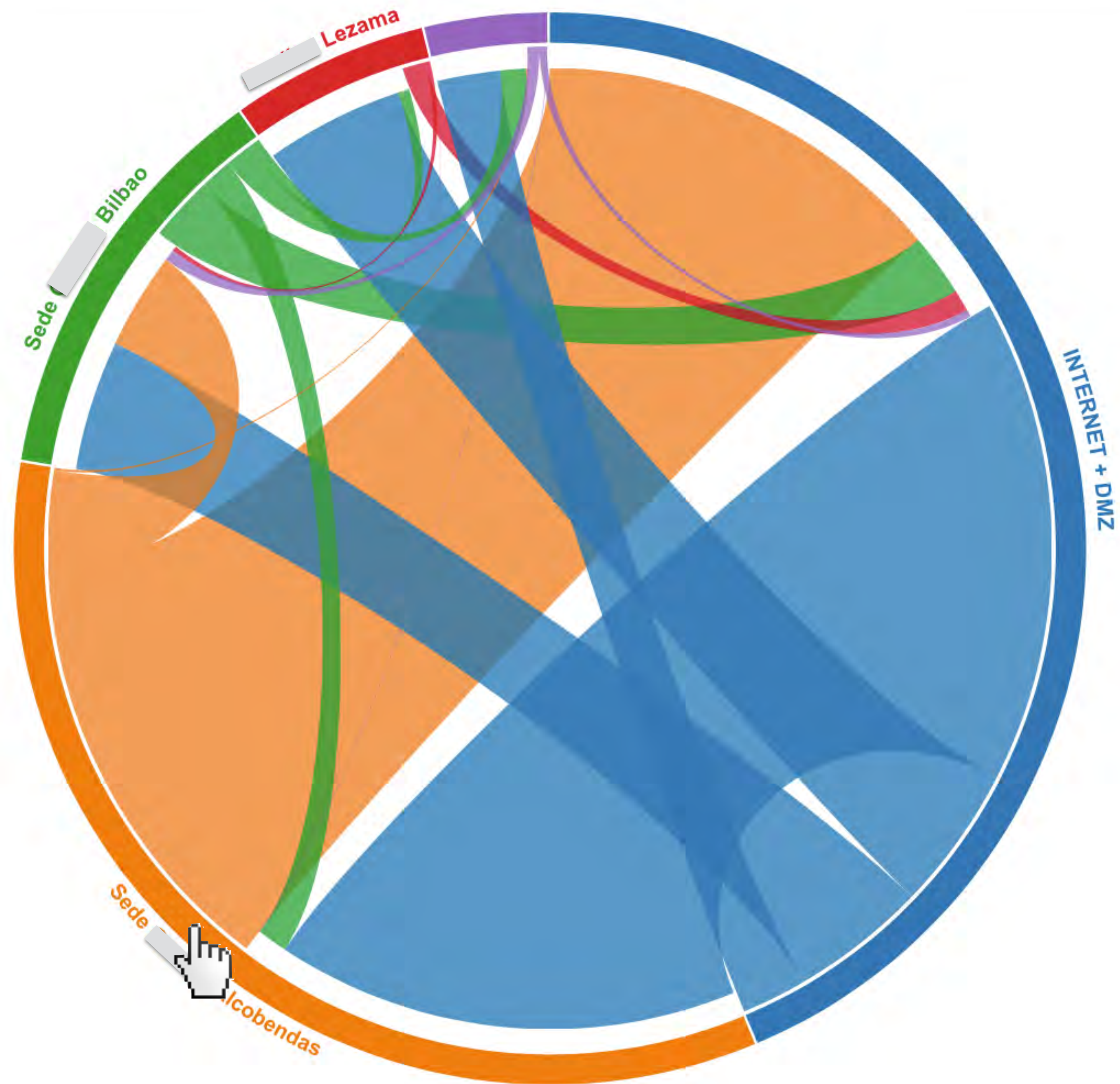
Sede Lezama

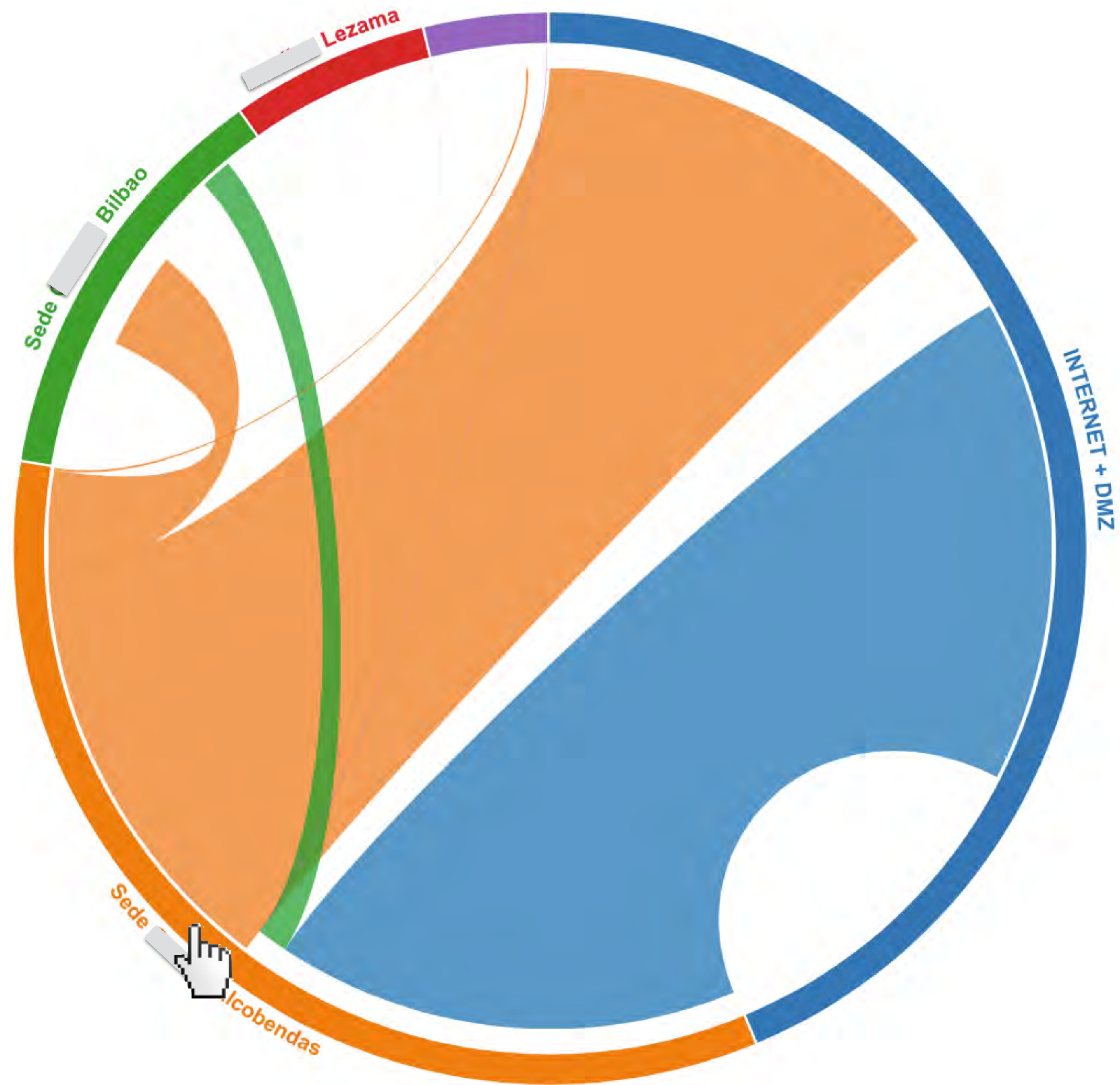
[100M/100M]

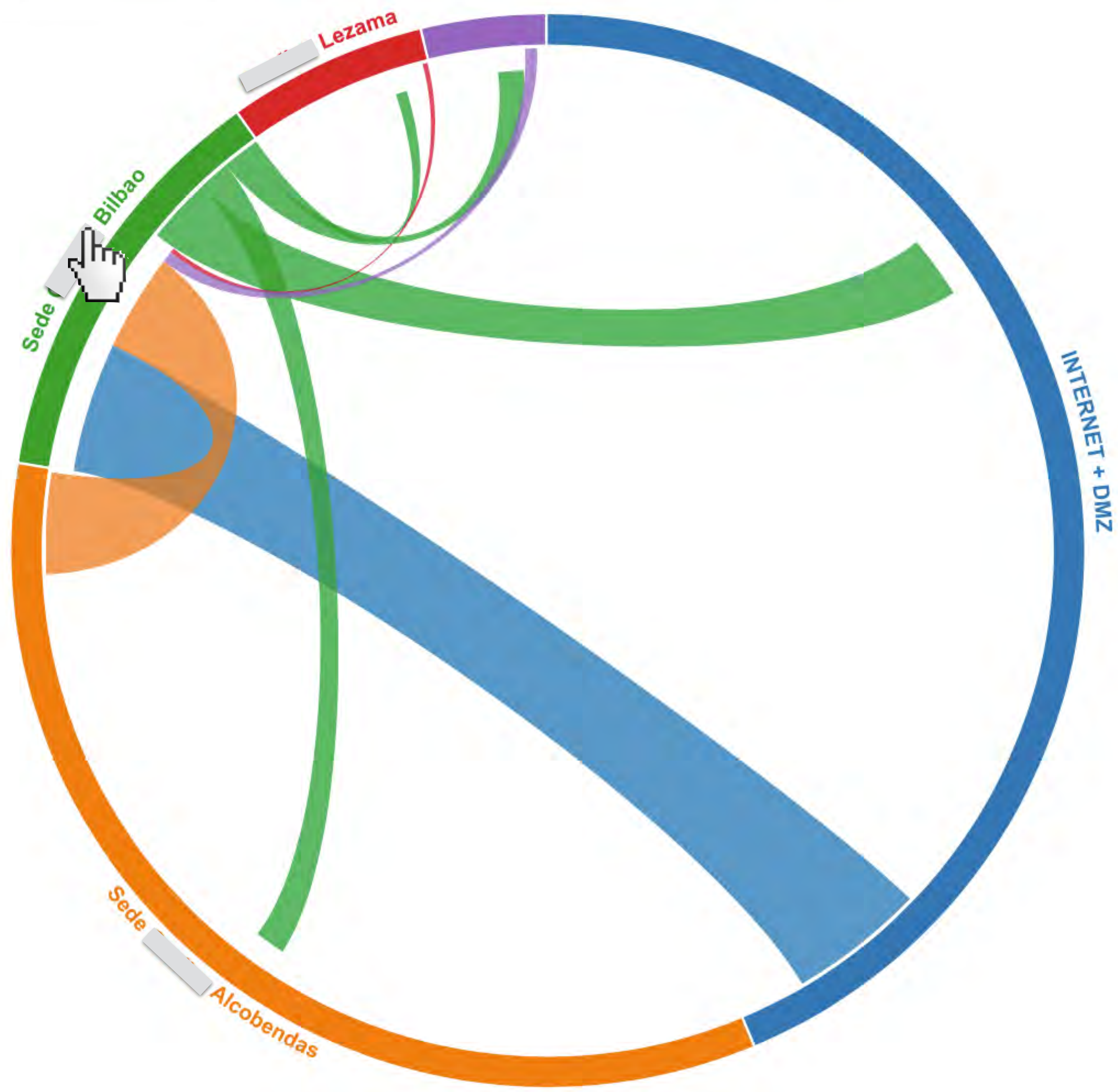
Descriptor: MPLS

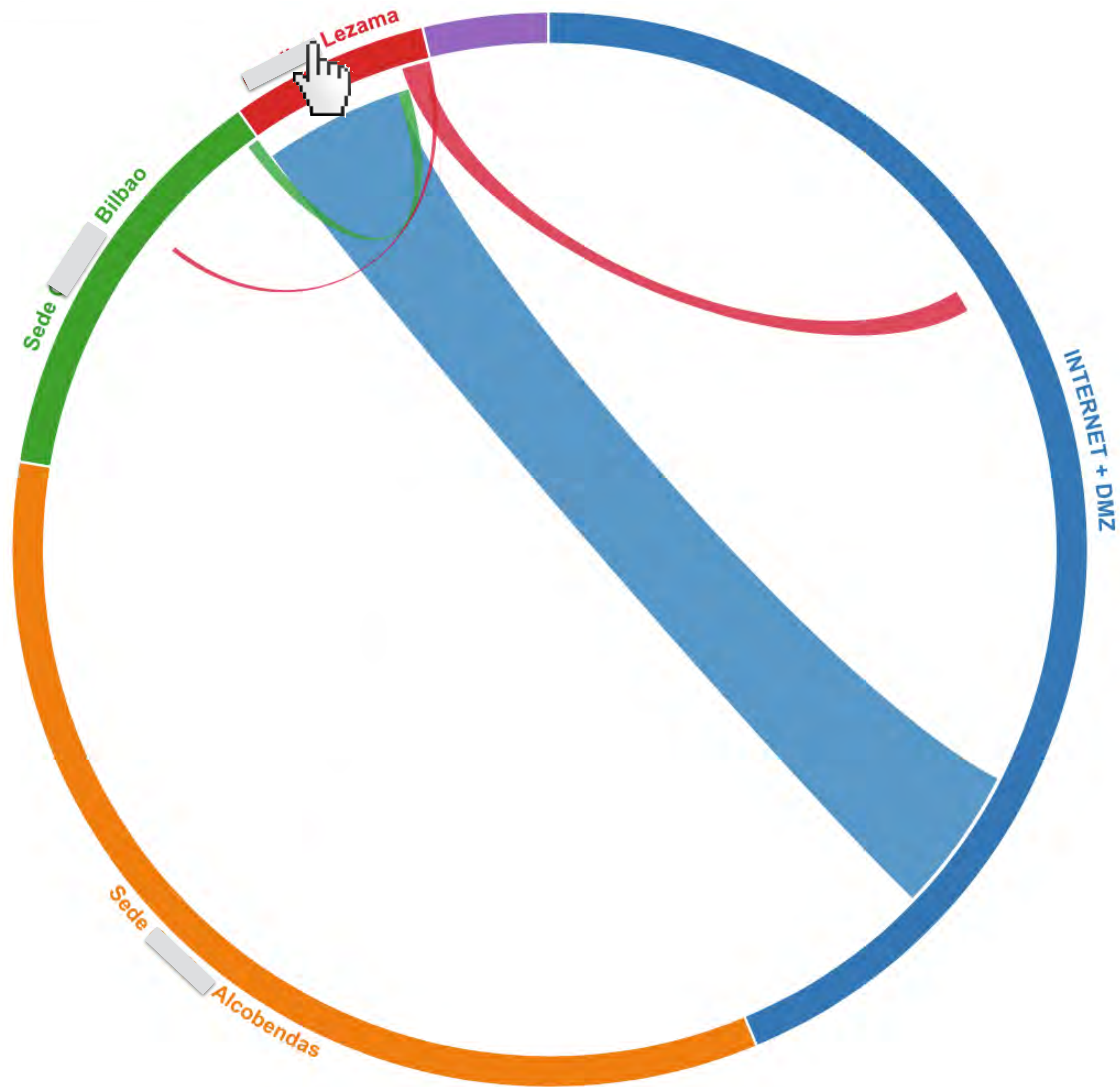
Tipo	QoS	Caudal Internet	Direcciones IP
MPLS	Datos-Sarepbx	100 Mbps	• 194.30.40.10/31 • 194.30.40.64/32

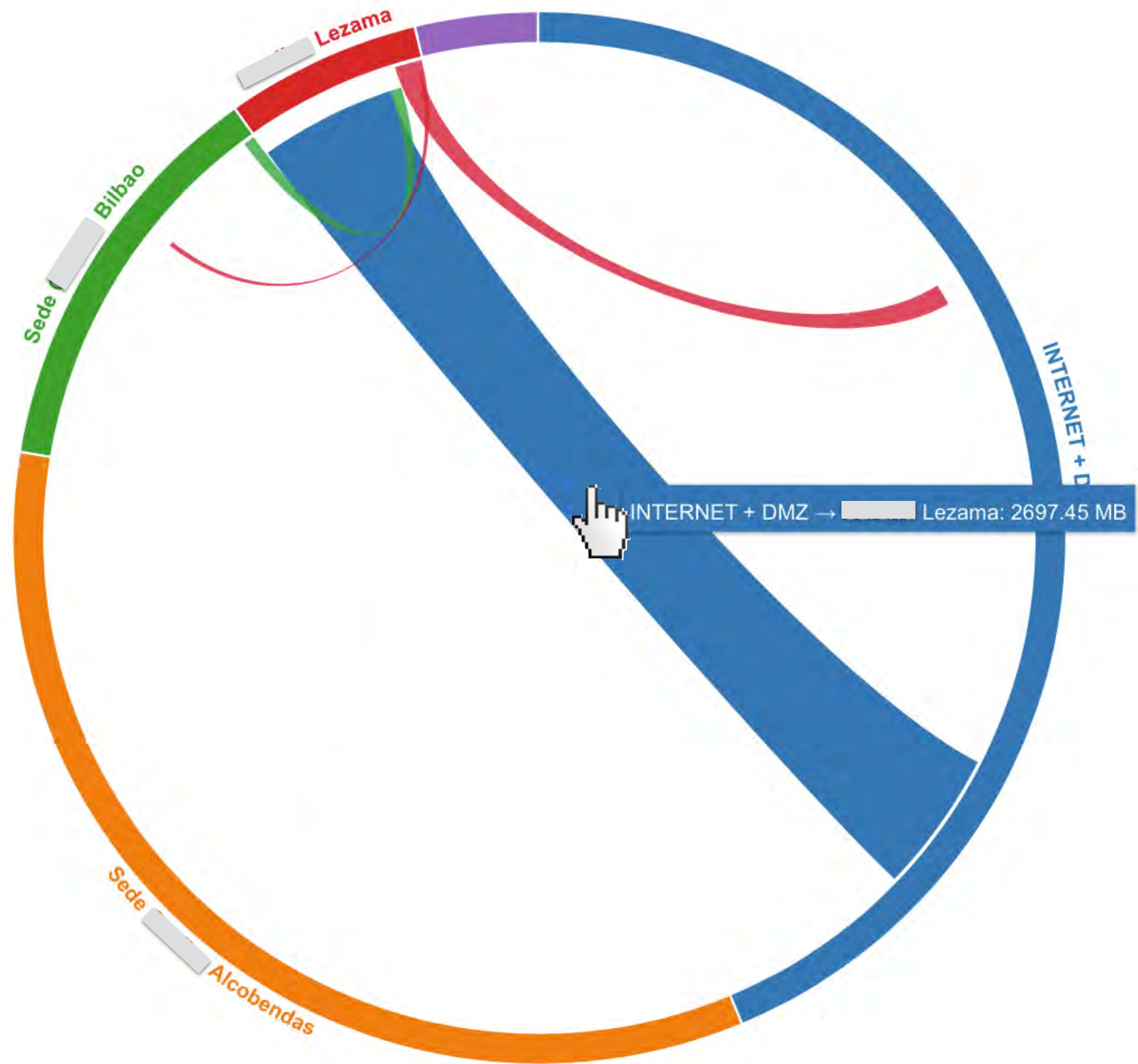


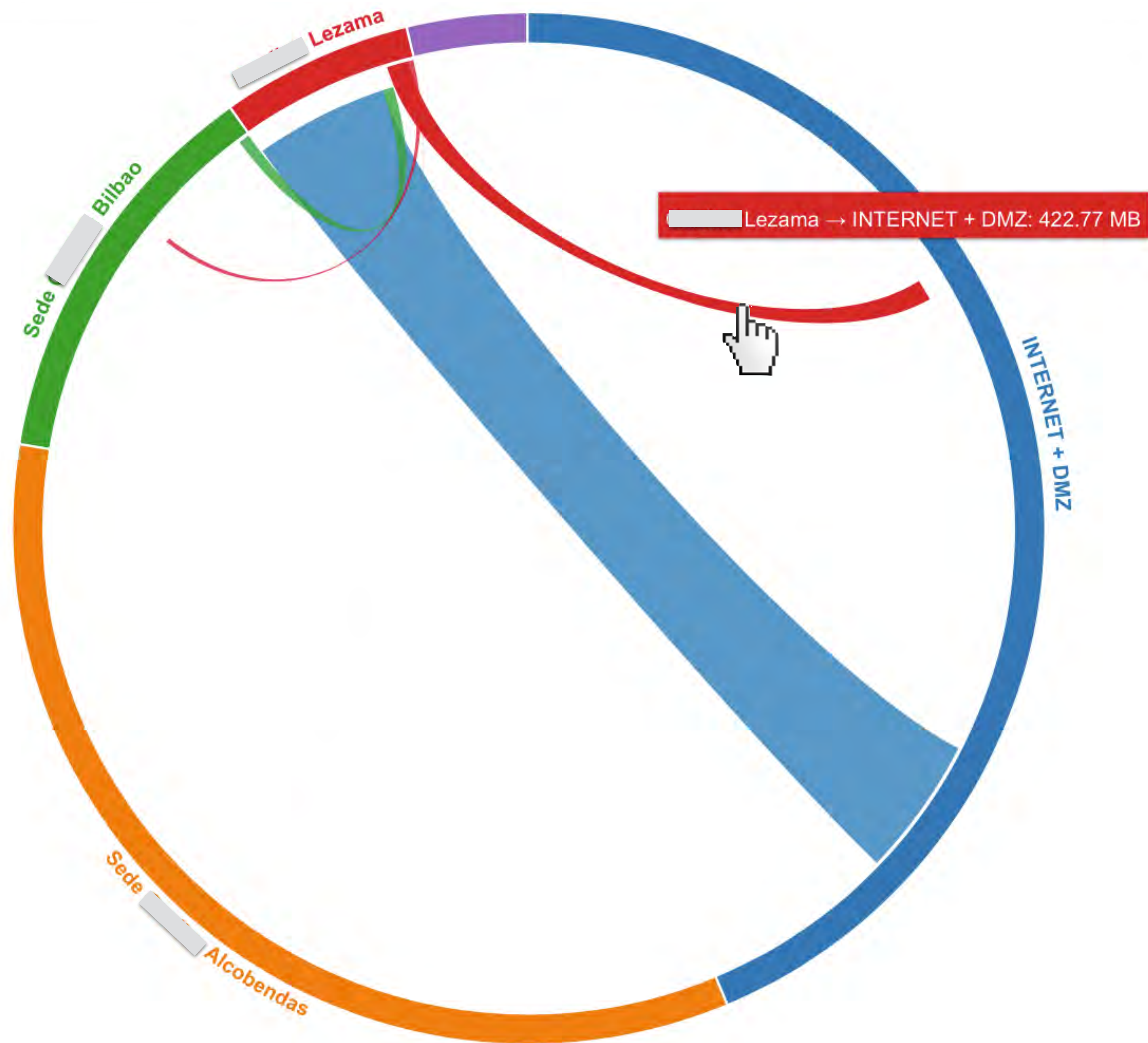


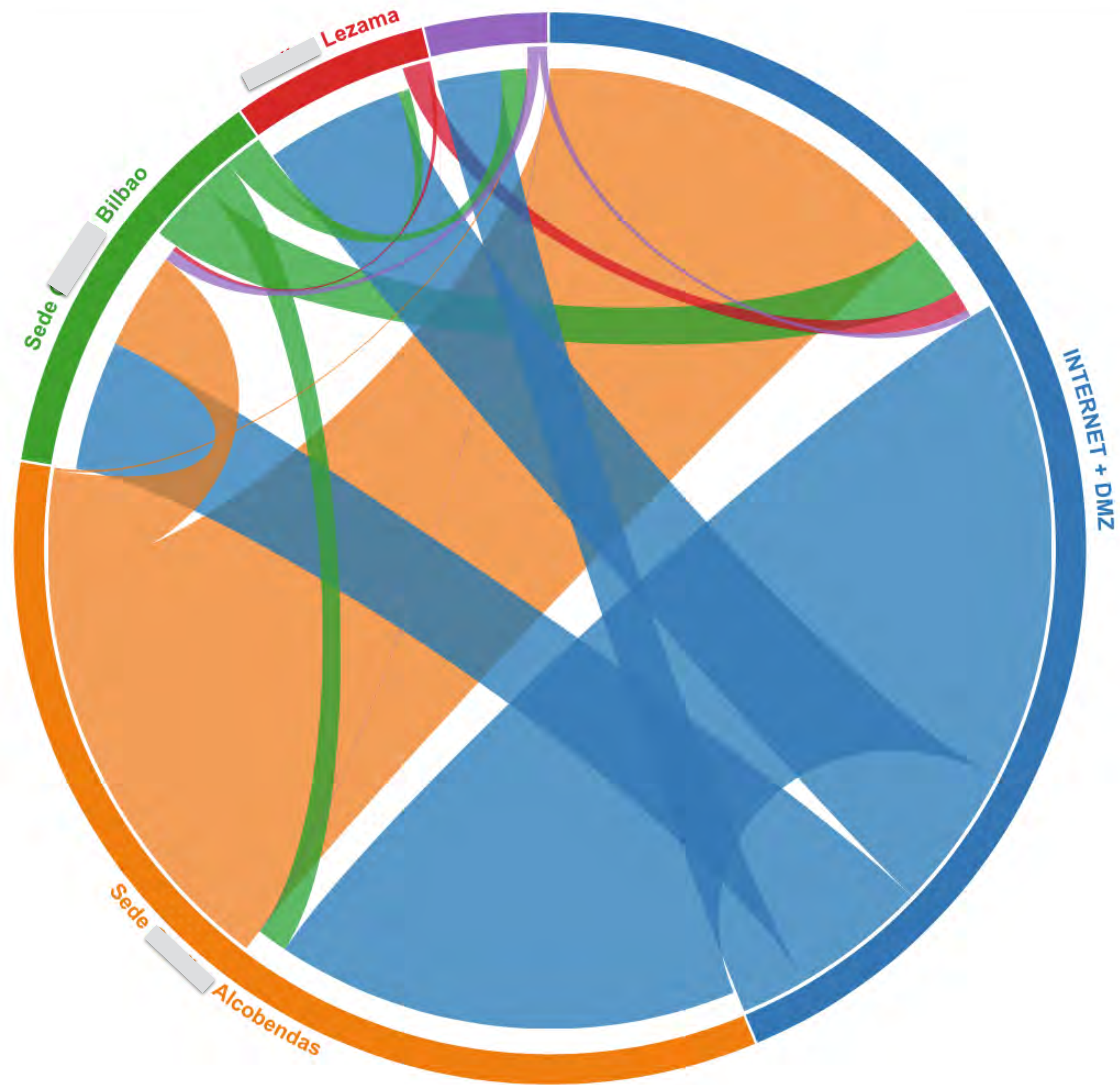






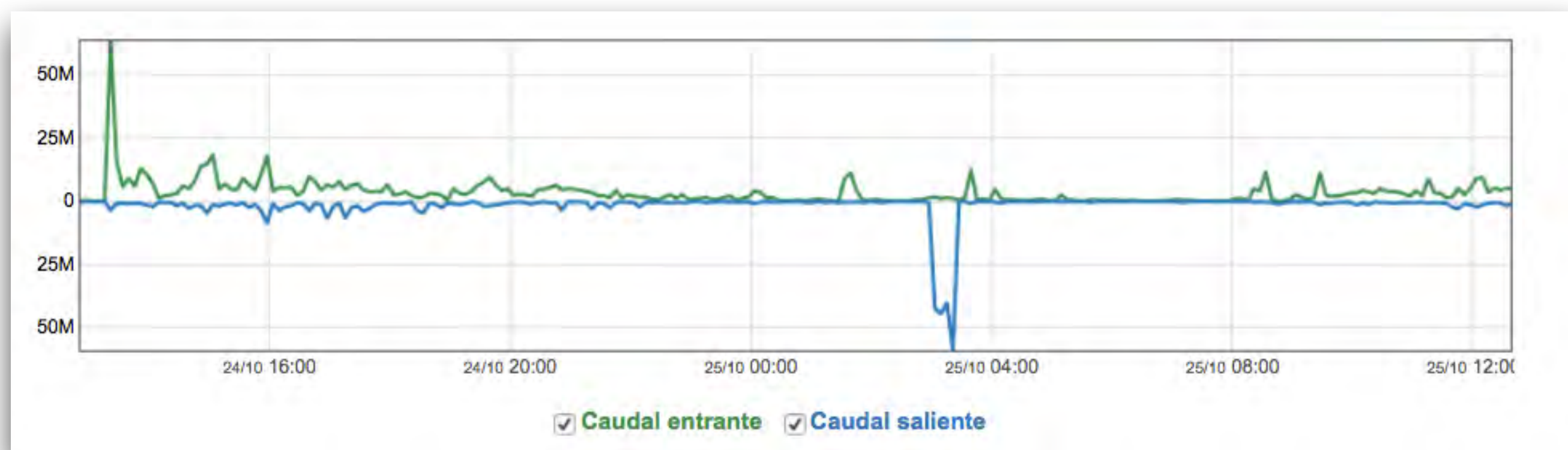


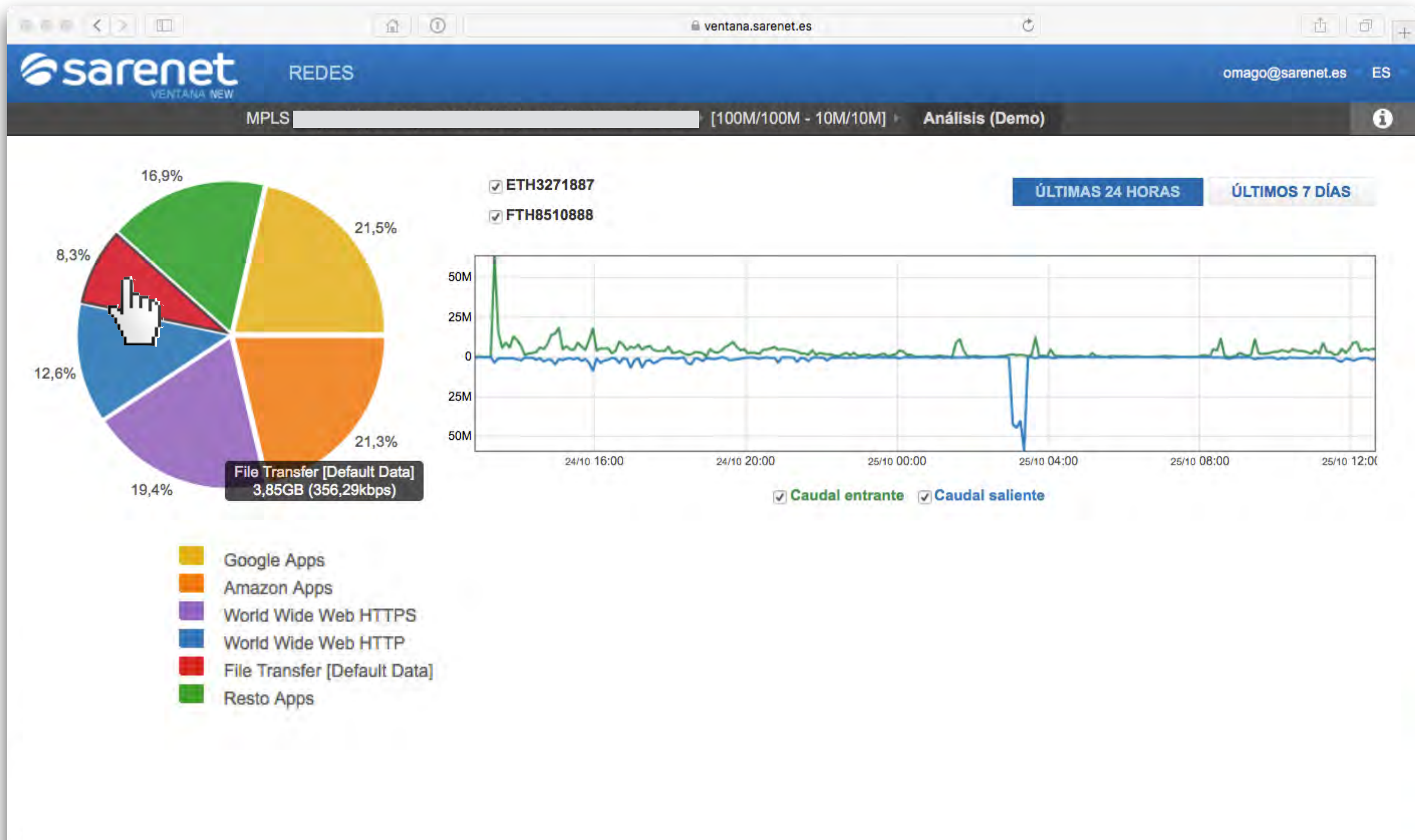


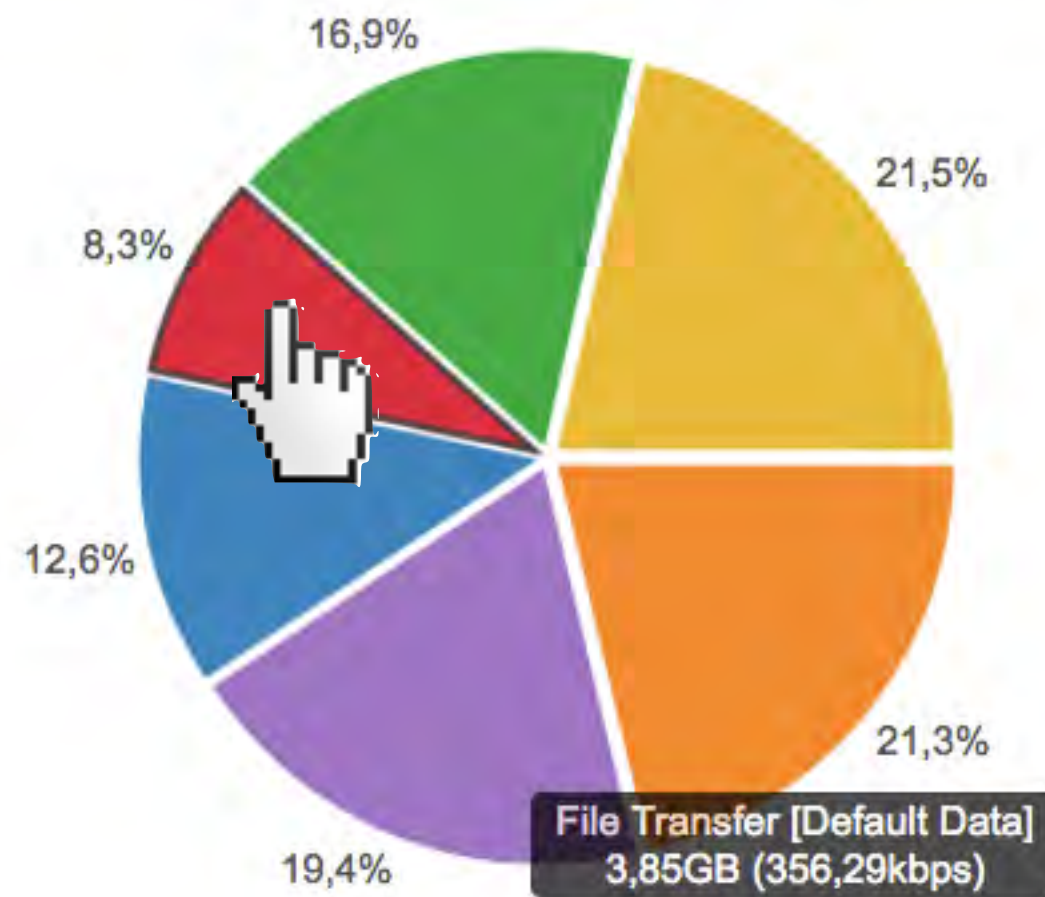


- [300M/300M - Backup]
- [20M/20M - 10M/800k]
- [10M/10M - Backup]
- [30M/30M - Backup]
- [100M/100M]

Sede Bilbao



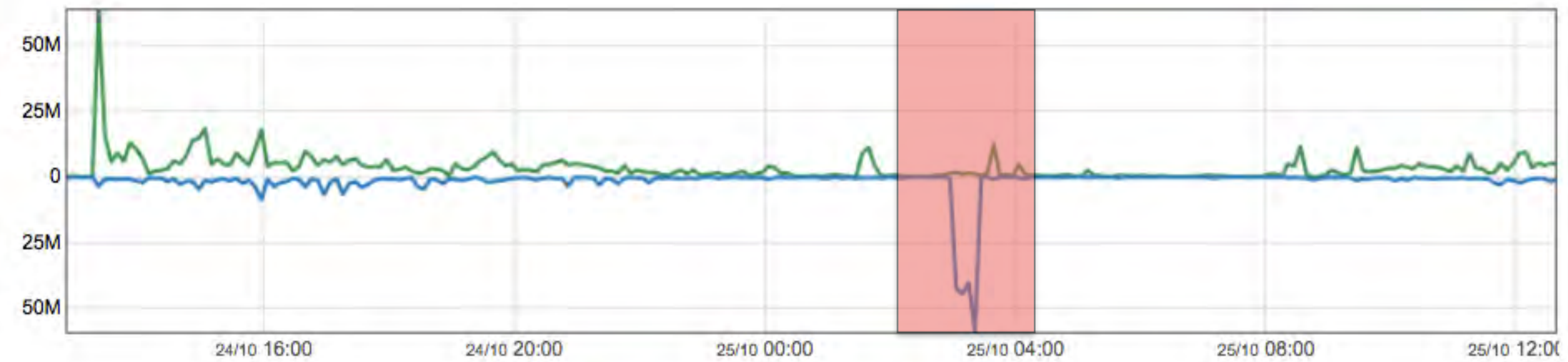




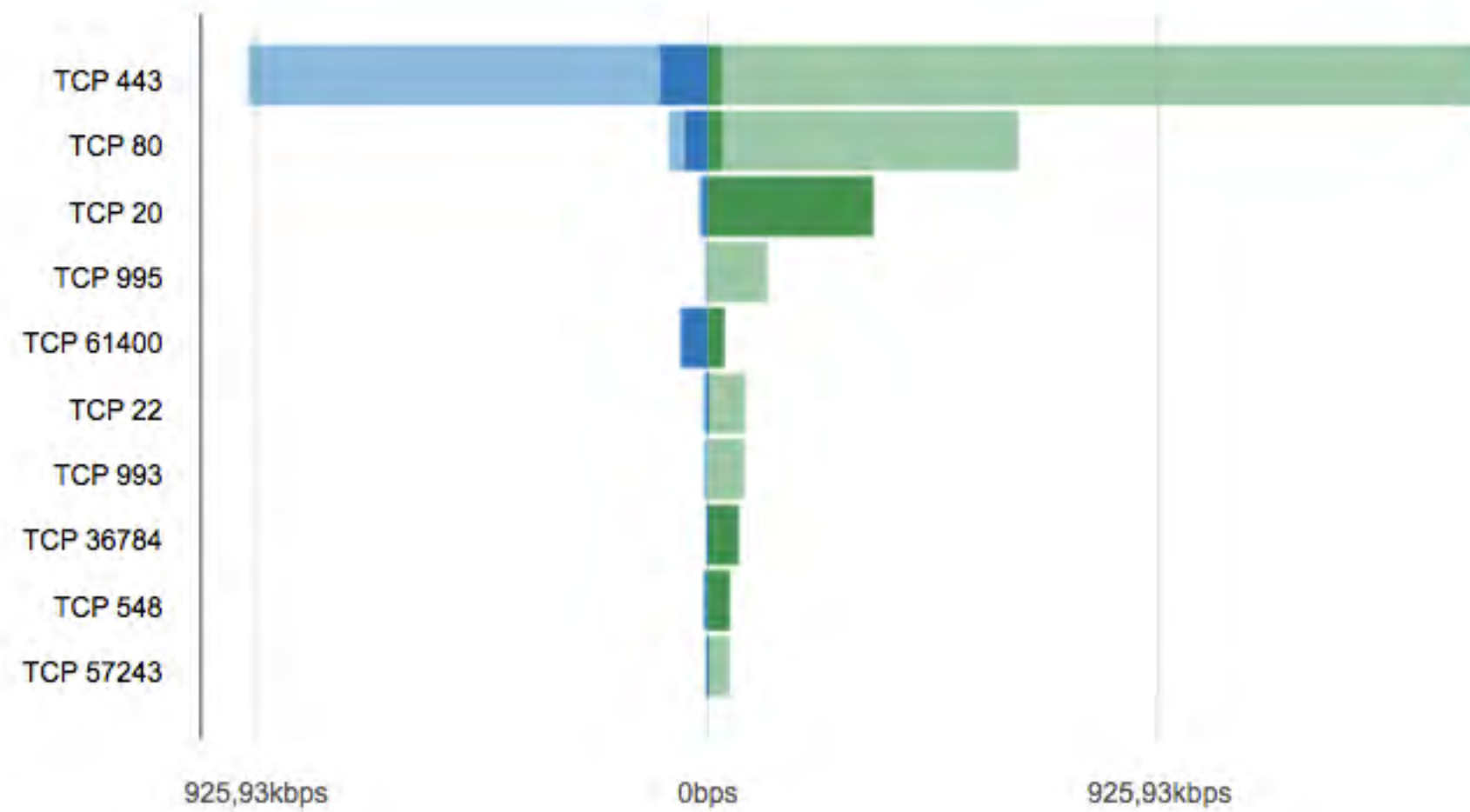
☒ ETH3271887
☒ FTH8510888

ÚLTIMAS 24 HORAS

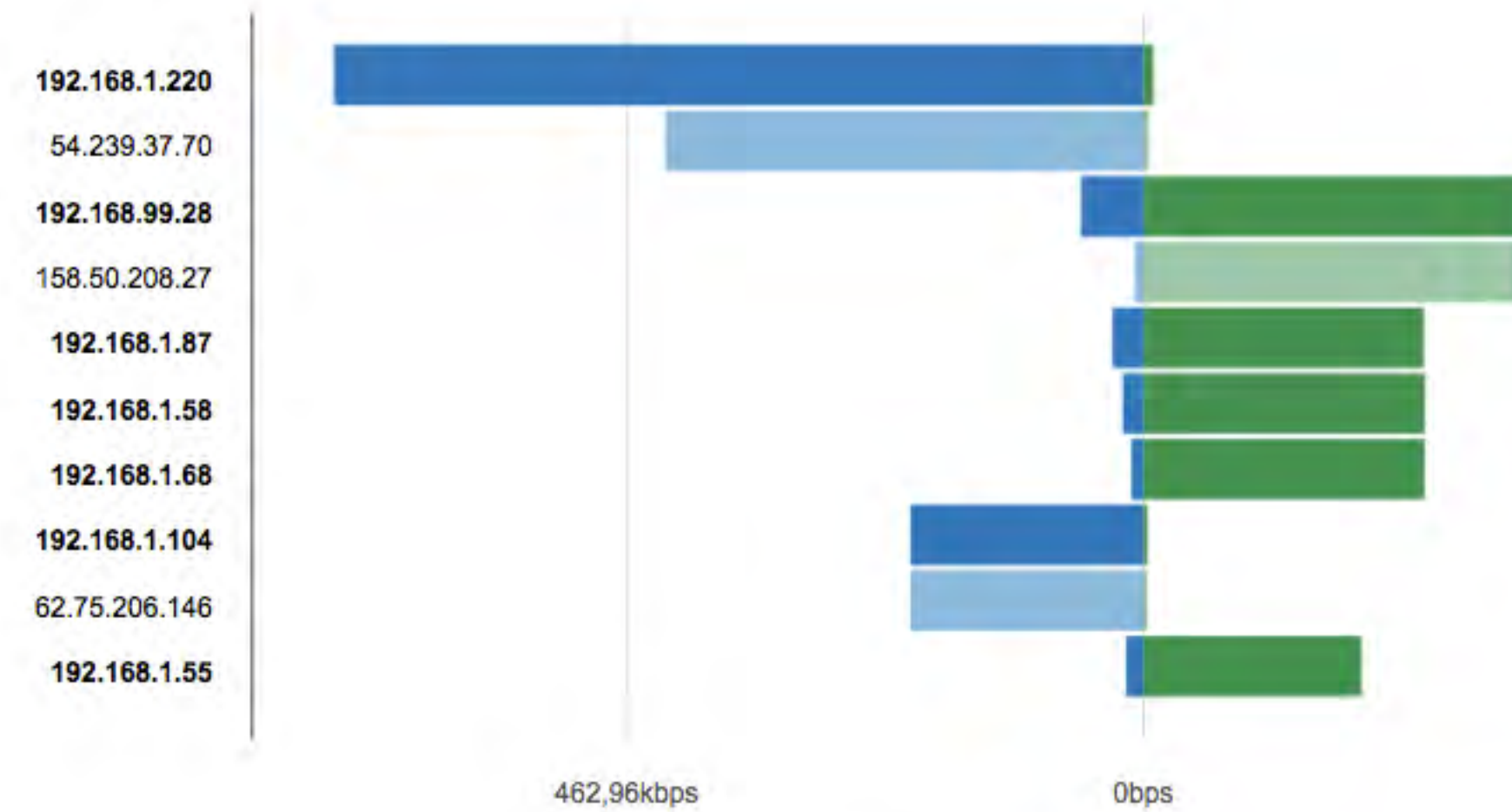
ÚLTIMOS 7 DÍAS



☒ Caudal entrante ☒ Caudal saliente



☒ Interno ☒ Externo

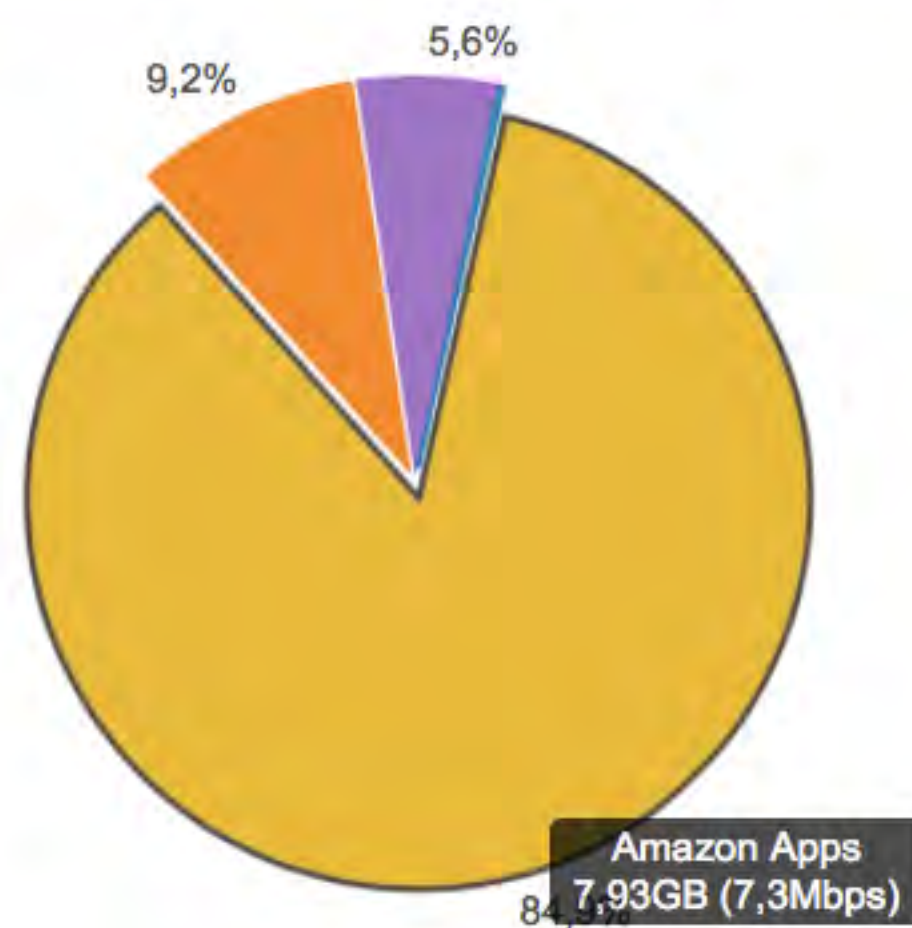


☒ Interna ☒ Externa

MPLS

[100M/100M - 10M/10M]

Análisis (Demo)

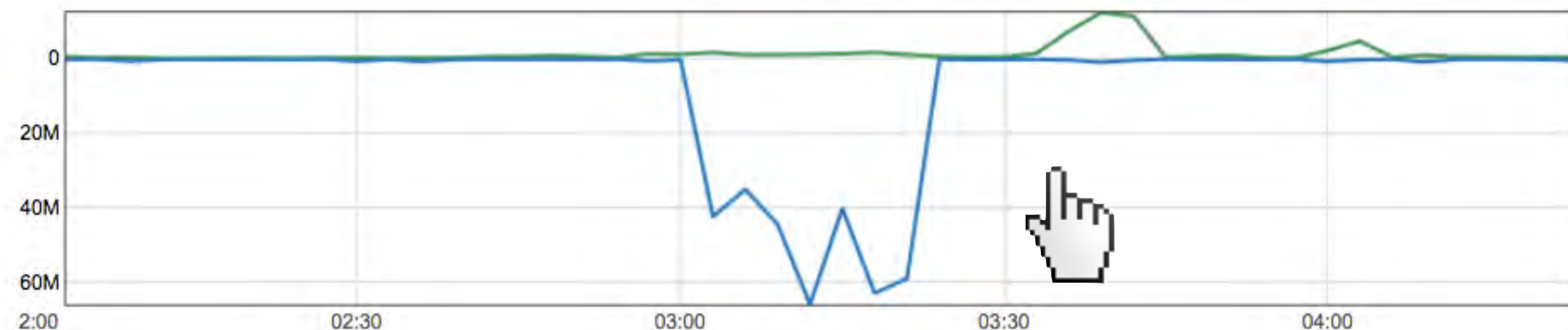


☒ ETH3271887
☒ FTH8510888

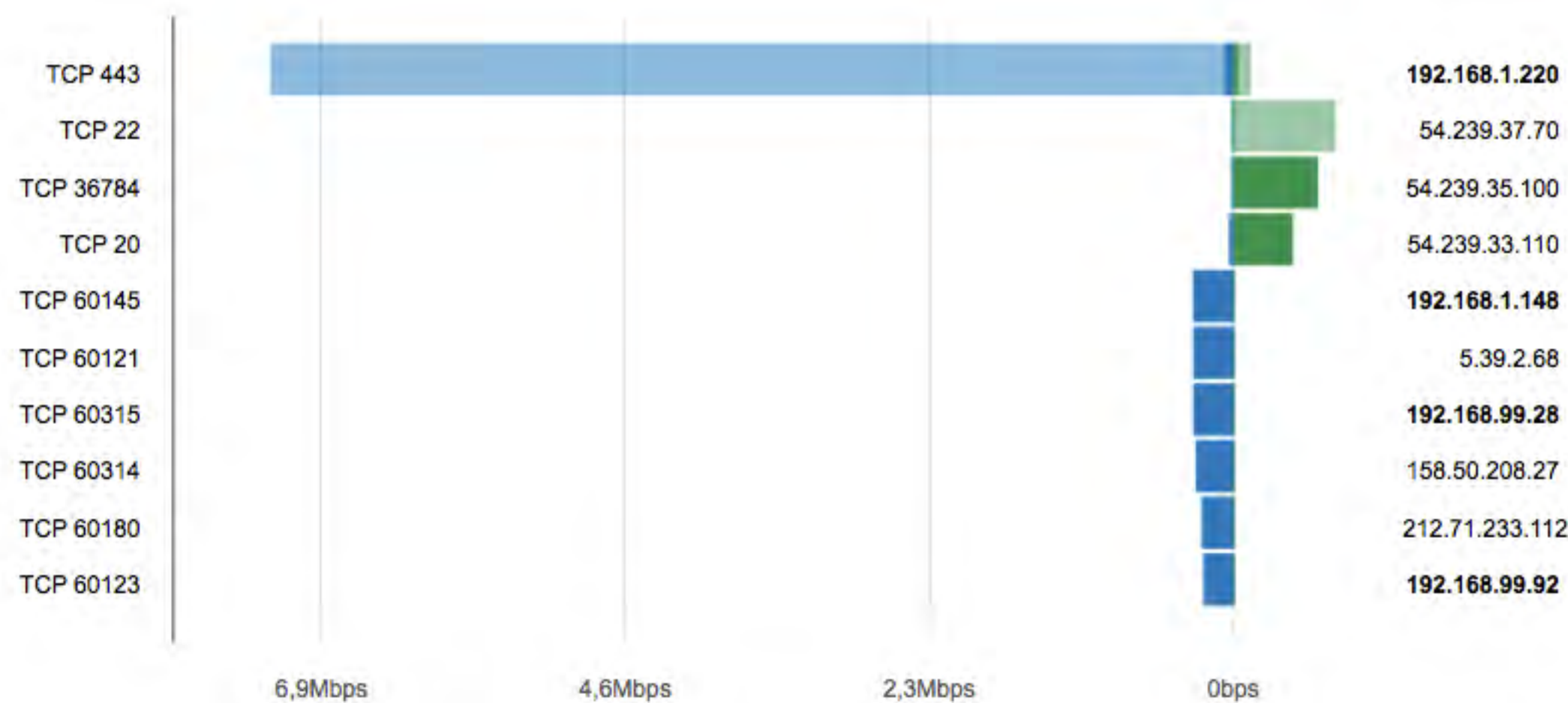
ÚLTIMAS 24 HORAS

ÚLTIMOS 7 DÍAS

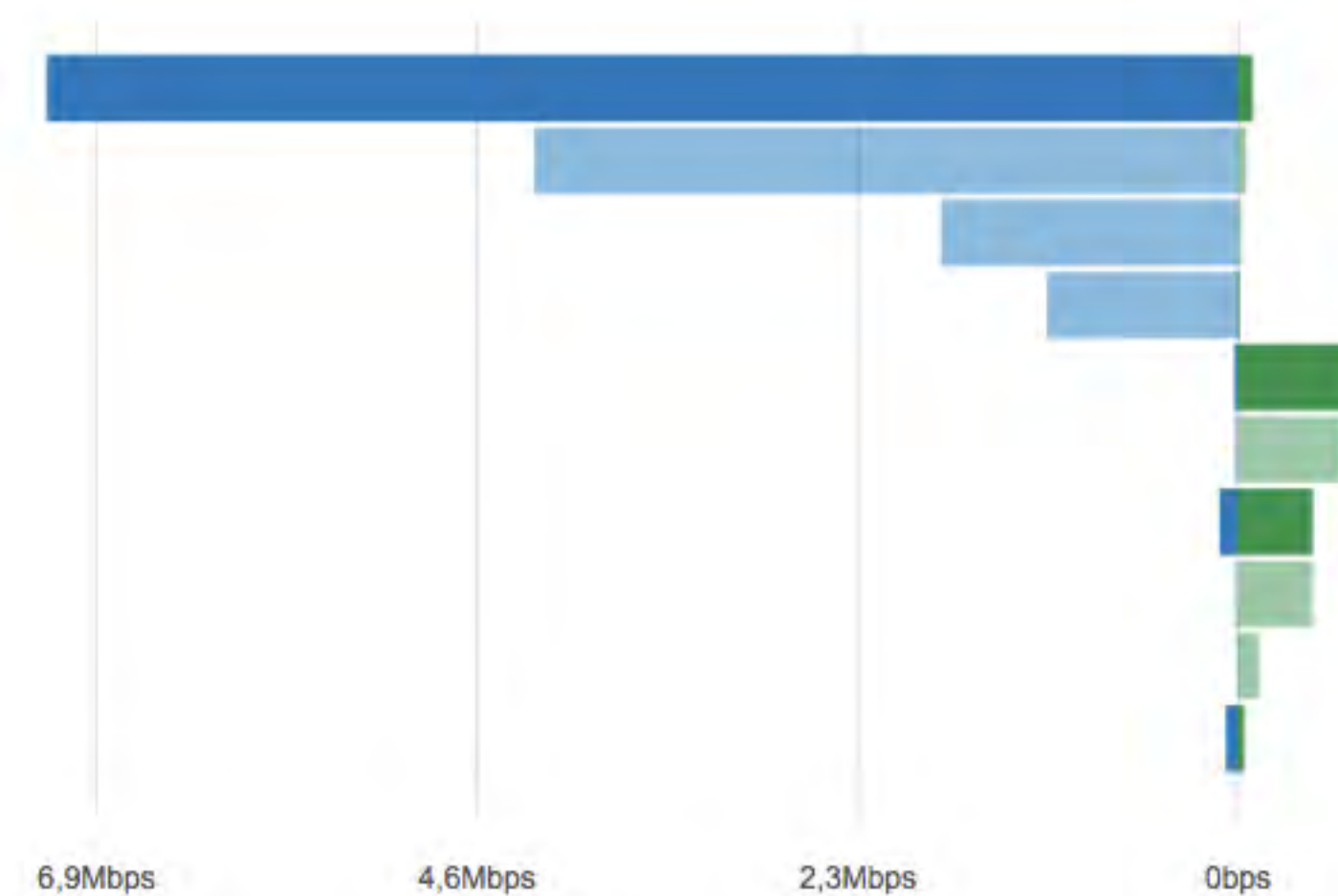
10/25/2017, 2:01:26 AM - 10/25/2017, 4:26:26 AM



☒ Caudal entrante ☒ Caudal saliente



☒ Interno ☒ Externo



☒ Interna ☒ Externa

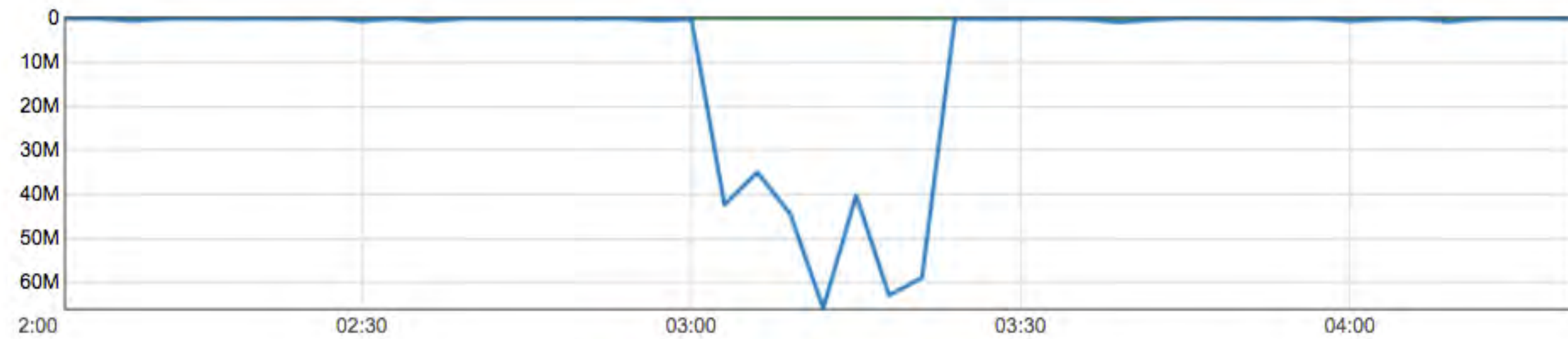


99,8%

- ☒ ETH3271887
- ☒ FTH8510888

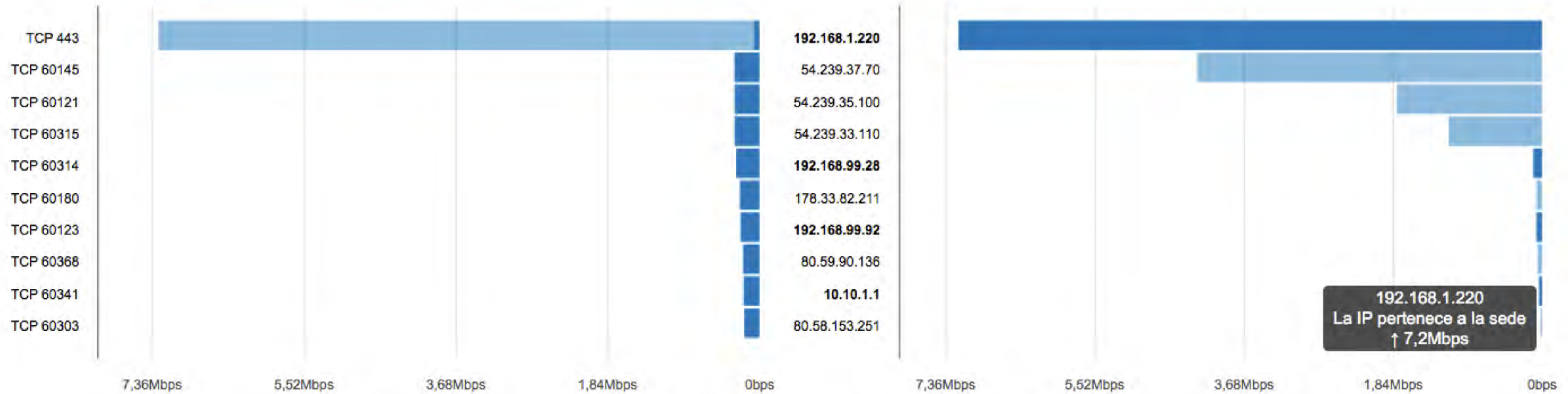
ÚLTIMAS 24 HORAS ÚLTIMOS 7 DÍAS

10/25/2017, 2:01:26 AM - 10/25/2017, 4:26:26 AM



Caudal entrante ☒ Caudal saliente

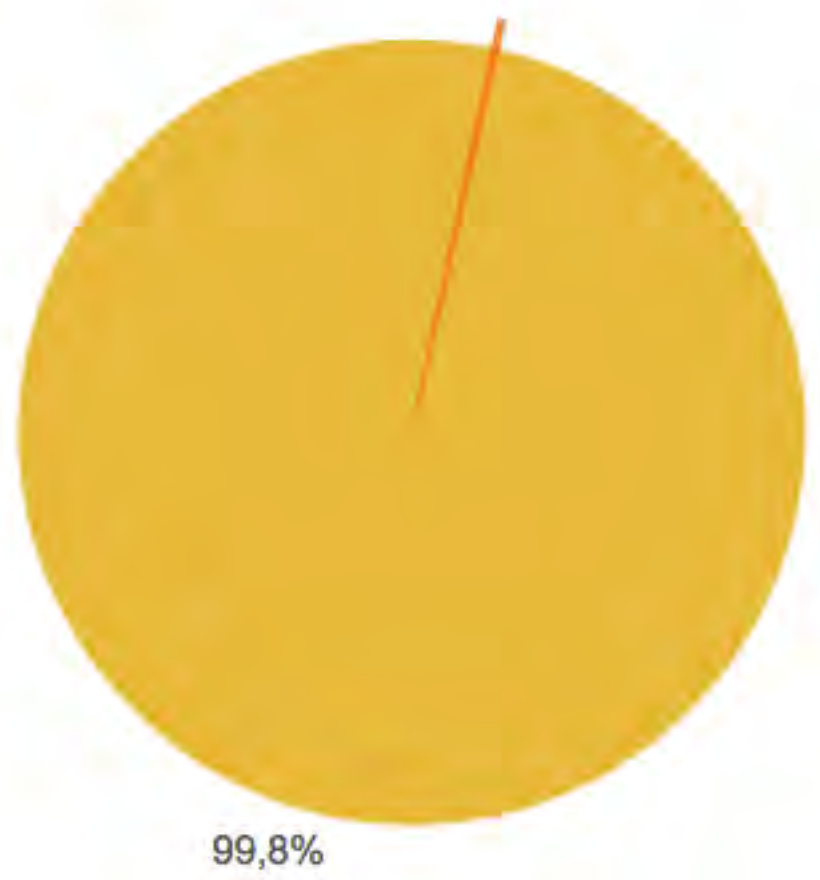
☒ Caudal saliente



192.168.1.220
La IP pertenece a la sede
↑ 7,2Mbps

☒ Interno ☒ Externo

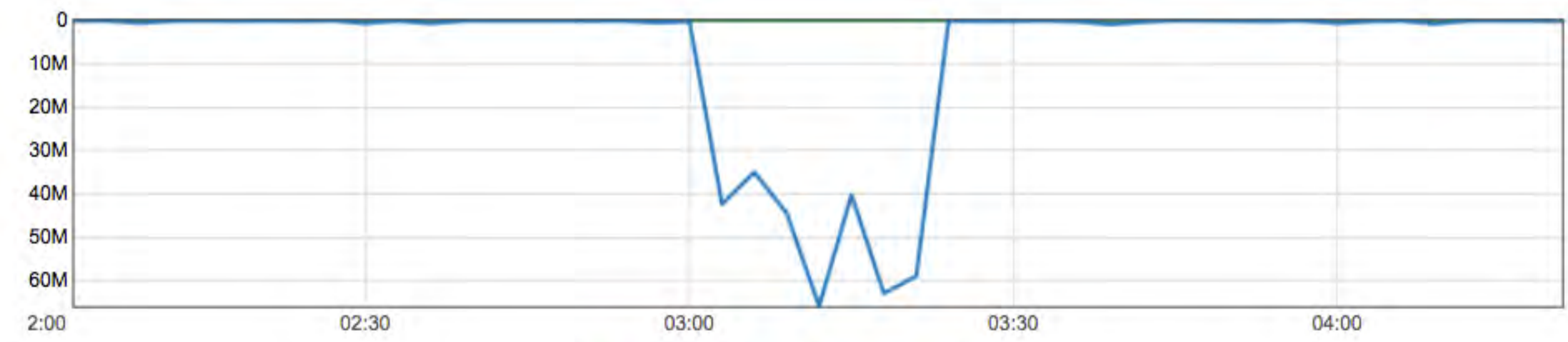
☒ Interna ☒ Externa



- ☒ ETH3271887
- ☒ FTH8510888

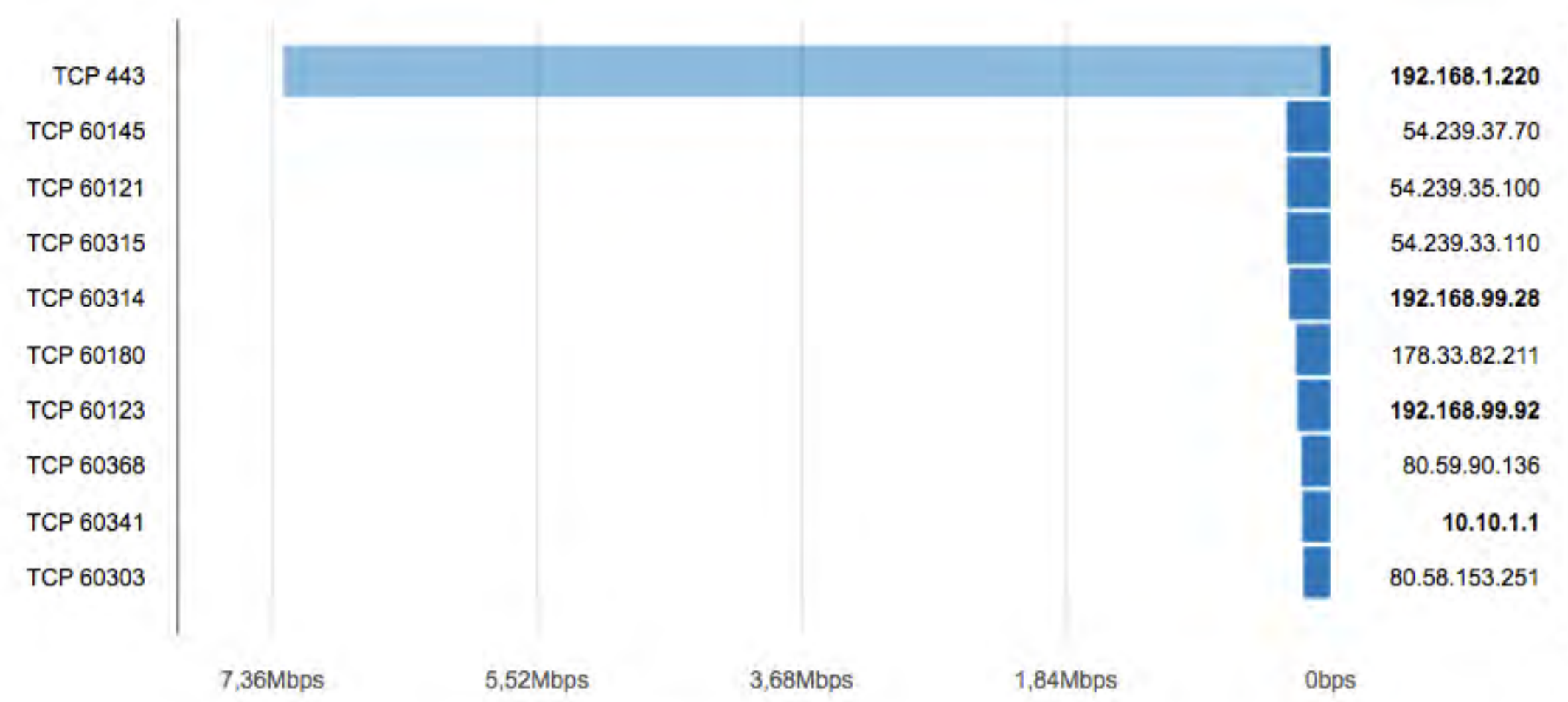
ÚLTIMAS 24 HORAS ÚLTIMOS 7 DÍAS

10/25/2017, 2:01:26 AM - 10/25/2017, 4:26:26 AM

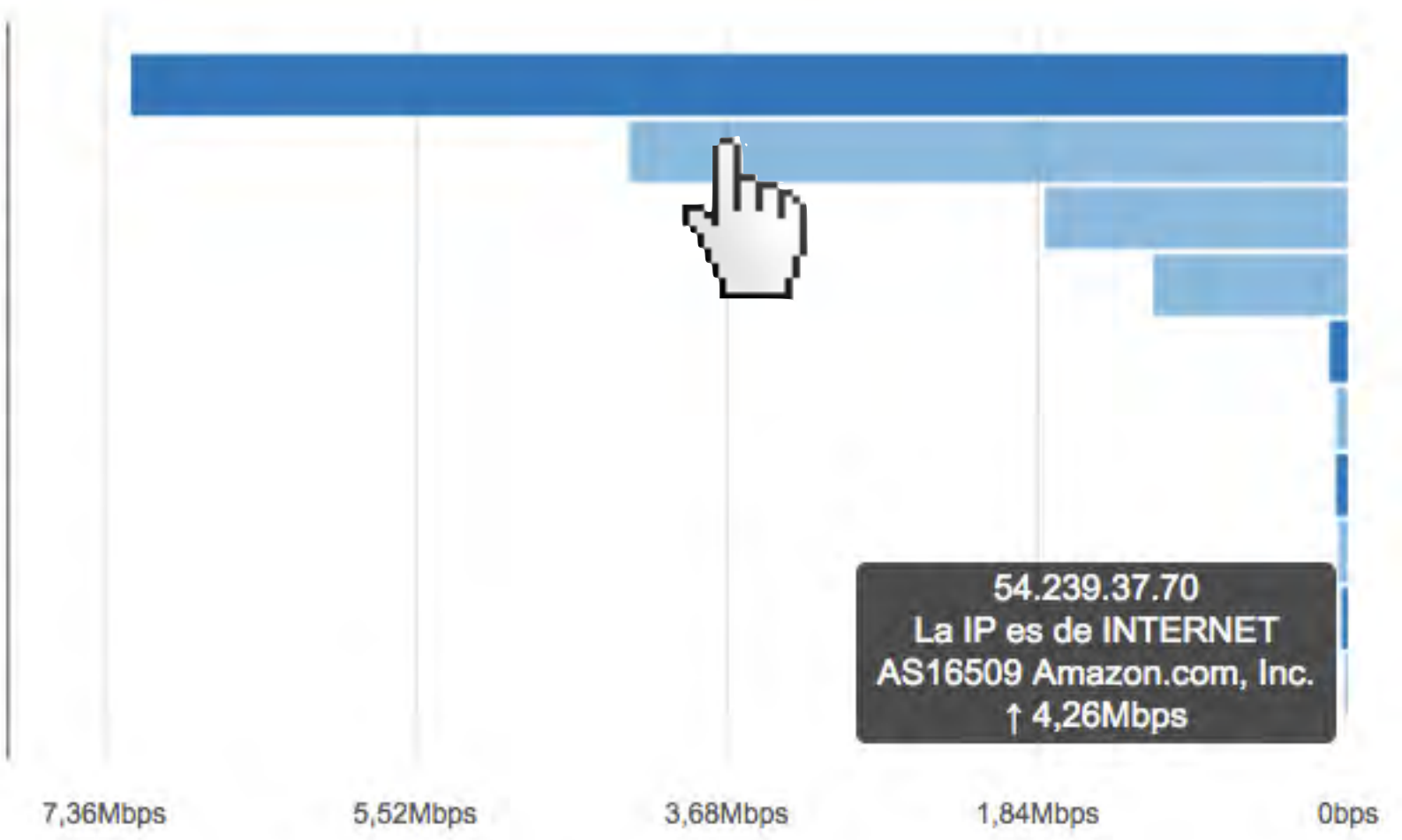


☐ Caudal entrante ☒ Caudal saliente

☒ Caudal saliente



☒ Interno ☒ Externo



☒ Interna ☒ Externa

54.239.37.70
La IP es de INTERNET
AS16509 Amazon.com, Inc.
↑ 4,26Mbps

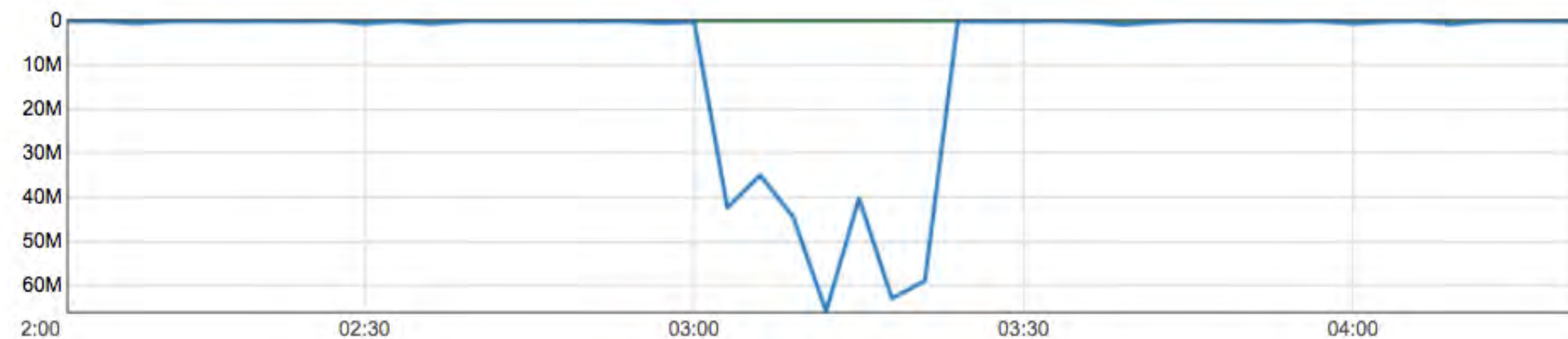


99,8%

- ☒ ETH3271887
- ☒ FTH8510888

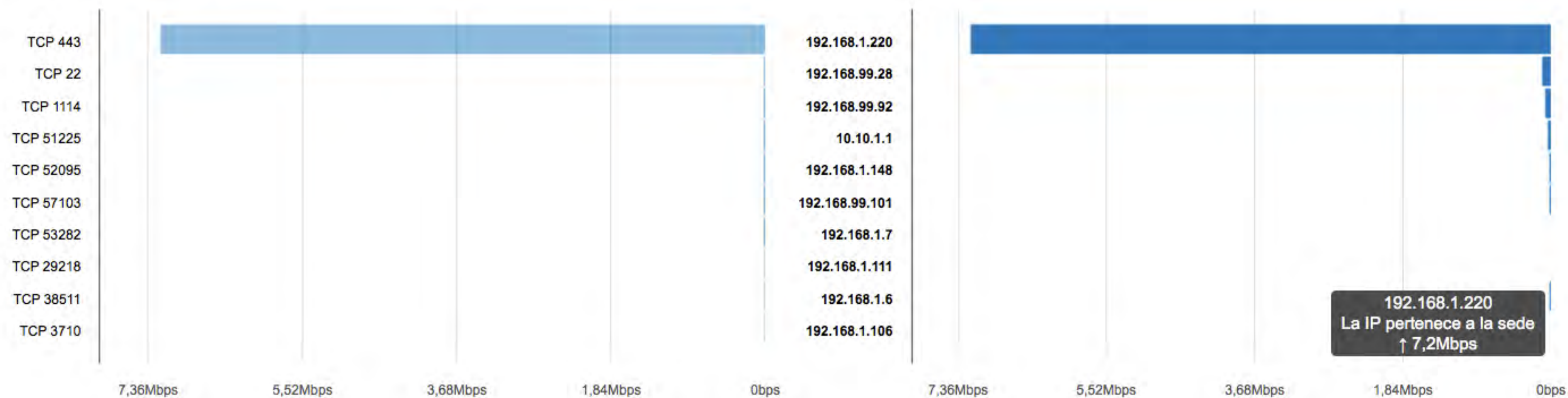
ÚLTIMAS 24 HORAS ÚLTIMOS 7 DÍAS

10/25/2017, 2:01:26 AM - 10/25/2017, 4:26:26 AM



☐ Caudal entrante ☒ Caudal saliente

☒ Caudal saliente



☐ Interno ☒ Externo

☒ Interna ☐ Externa

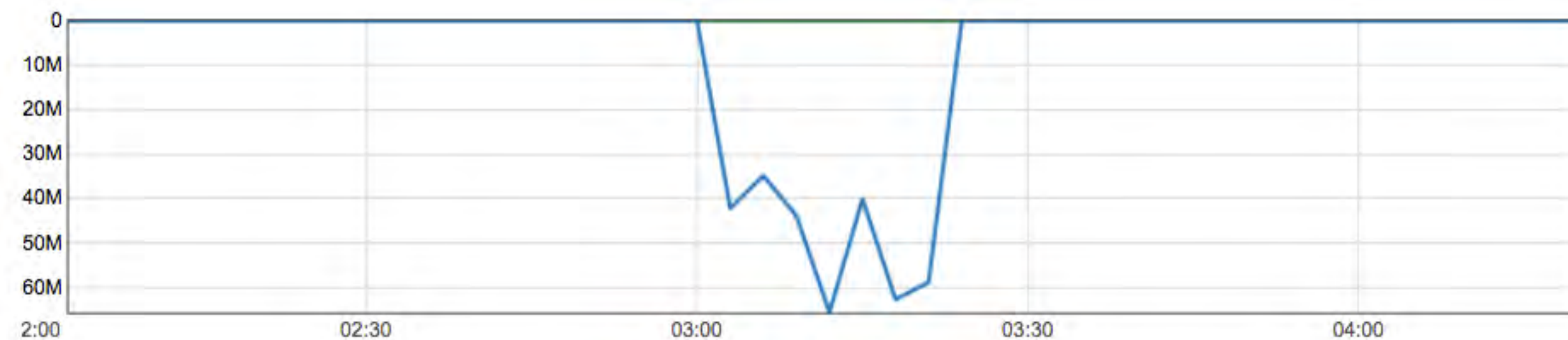


100,0%

- ☒ ETH3271887
- ☒ FTH8510888

ÚLTIMAS 24 HORAS ÚLTIMOS 7 DÍAS

10/25/2017, 2:01:26 AM - 10/25/2017, 4:26:26 AM



☐ Caudal entrante ☒ Caudal saliente

☒ Caudal saliente ☒ IP 192.168.1.220

- TCP 443
- TCP 60145
- TCP 60121
- TCP 60315
- TCP 60314
- TCP 60180
- TCP 60123
- TCP 60368
- TCP 60341
- TCP 60303

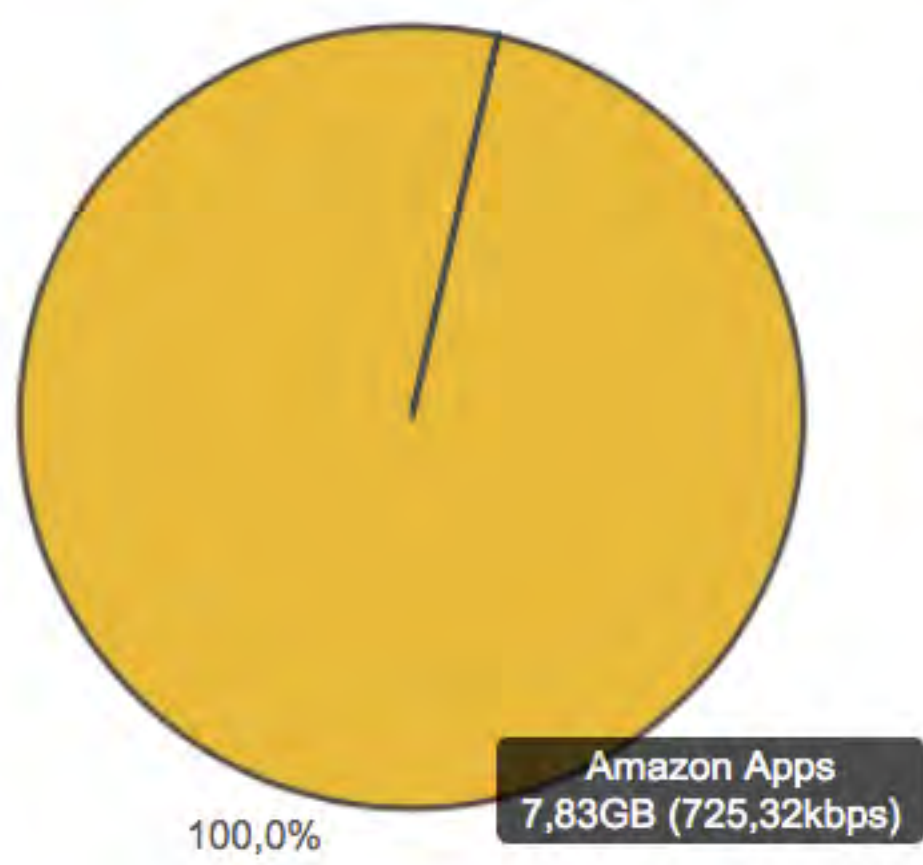
7,36Mbps 5,52Mbps 3,68Mbps 1,84Mbps 0bps

☐ Interno ☒ Externo

192.168.1.220

7,36Mbps 5,52Mbps 3,68Mbps 1,84Mbps 0bps

☒ Interna ☐ Externa

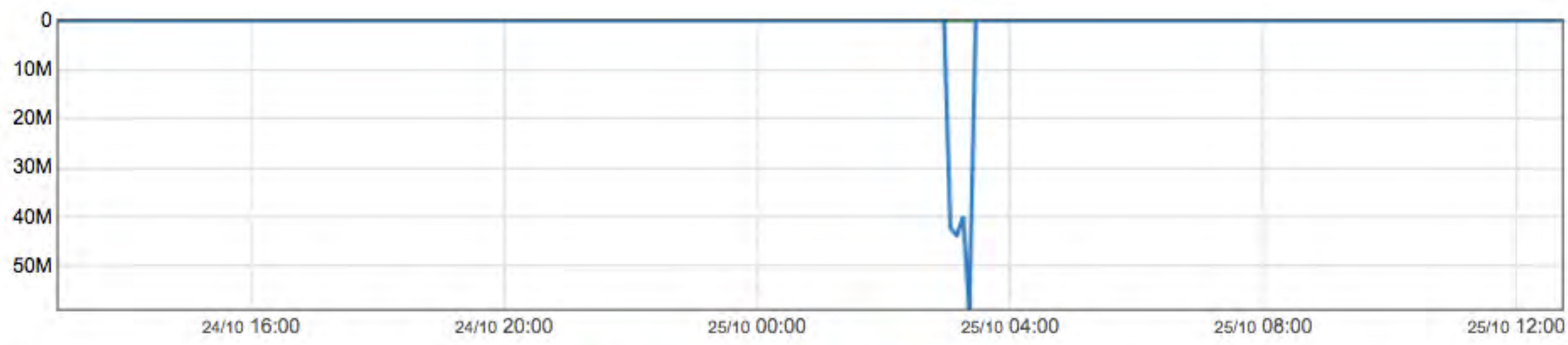


- ☒ ETH3271887
- ☒ FTH8510888

ÚLTIMAS 24 HORAS

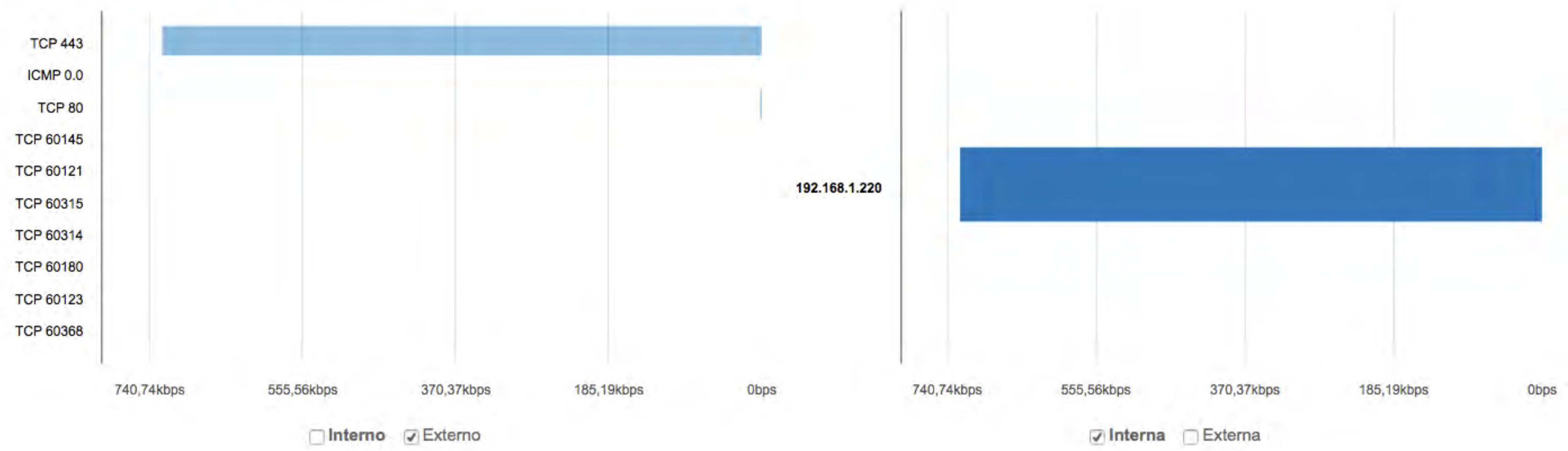
ÚLTIMOS 7 DÍAS

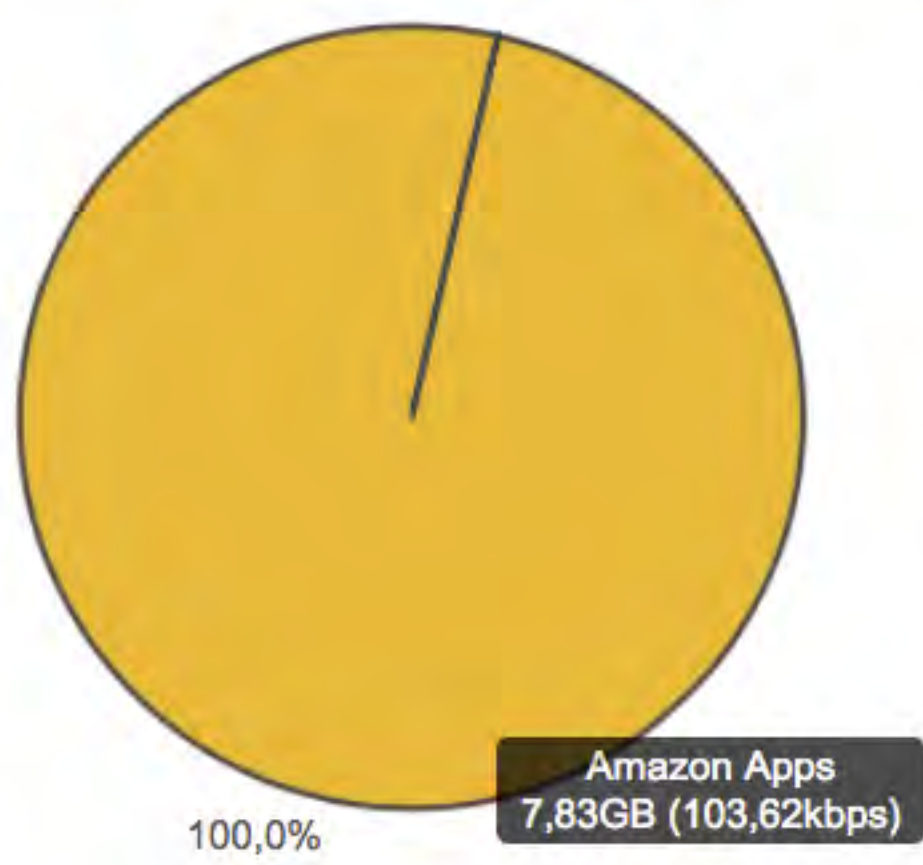
10/25/2017, 2:01:26 AM - 10/25/2017, 4:26:26 AM



☐ Caudal entrante ☒ Caudal saliente

☒ Caudal saliente ☒ IP 192.168.1.220

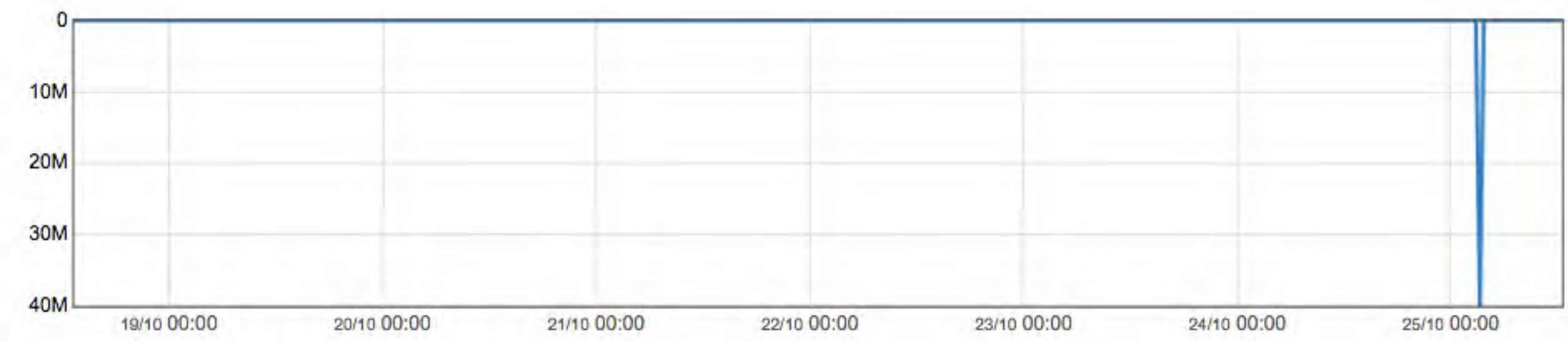




- ☒ ETH3271887
- ☒ FTH8510888

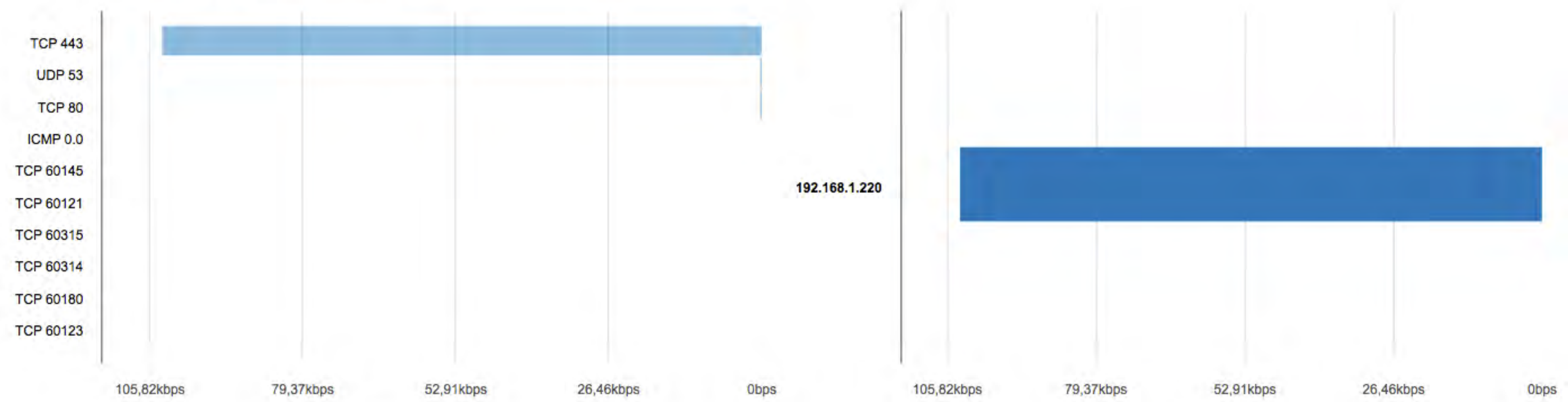
ÚLTIMAS 24 HORAS ÚLTIMOS 7 DÍAS

10/25/2017, 2:01:26 AM - 10/25/2017, 4:26:26 AM



☐ Caudal entrante ☒ Caudal saliente

☒ Caudal saliente ☒ IP 192.168.1.220



☐ Interno ☒ Externo

☒ Interna ☐ Externa

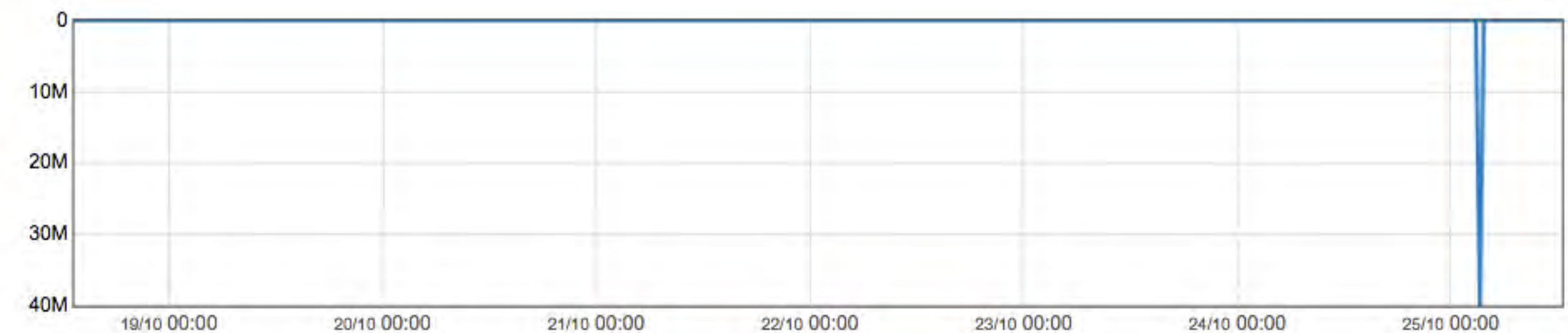


100,0%

- ☒ ETH3271887
- ☒ FTH8510888

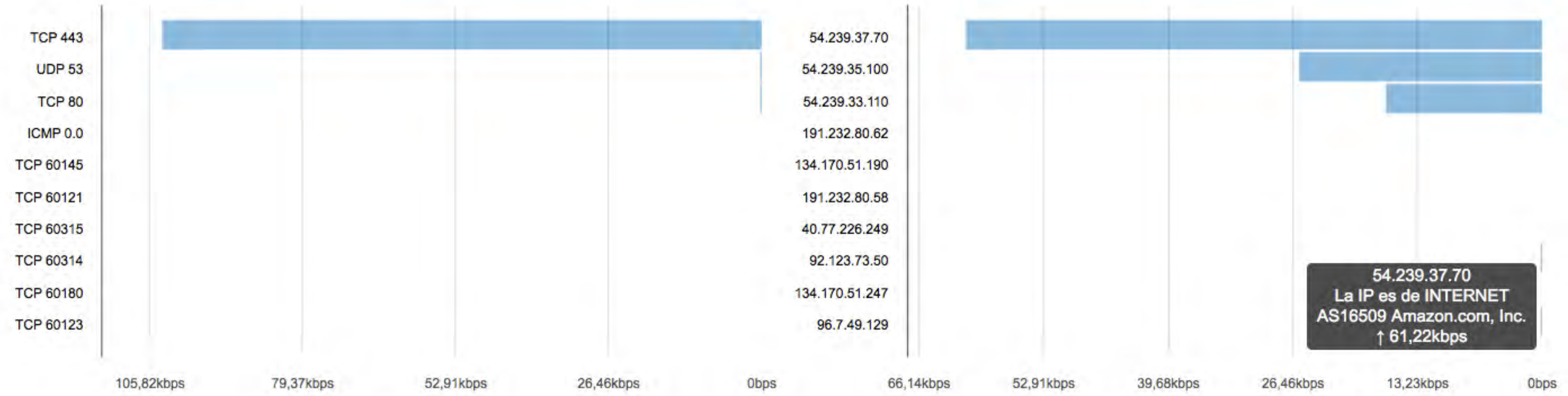
ÚLTIMAS 24 HORAS ÚLTIMOS 7 DÍAS

10/25/2017, 2:01:26 AM - 10/25/2017, 4:26:26 AM



☐ Caudal entrante ☒ Caudal saliente

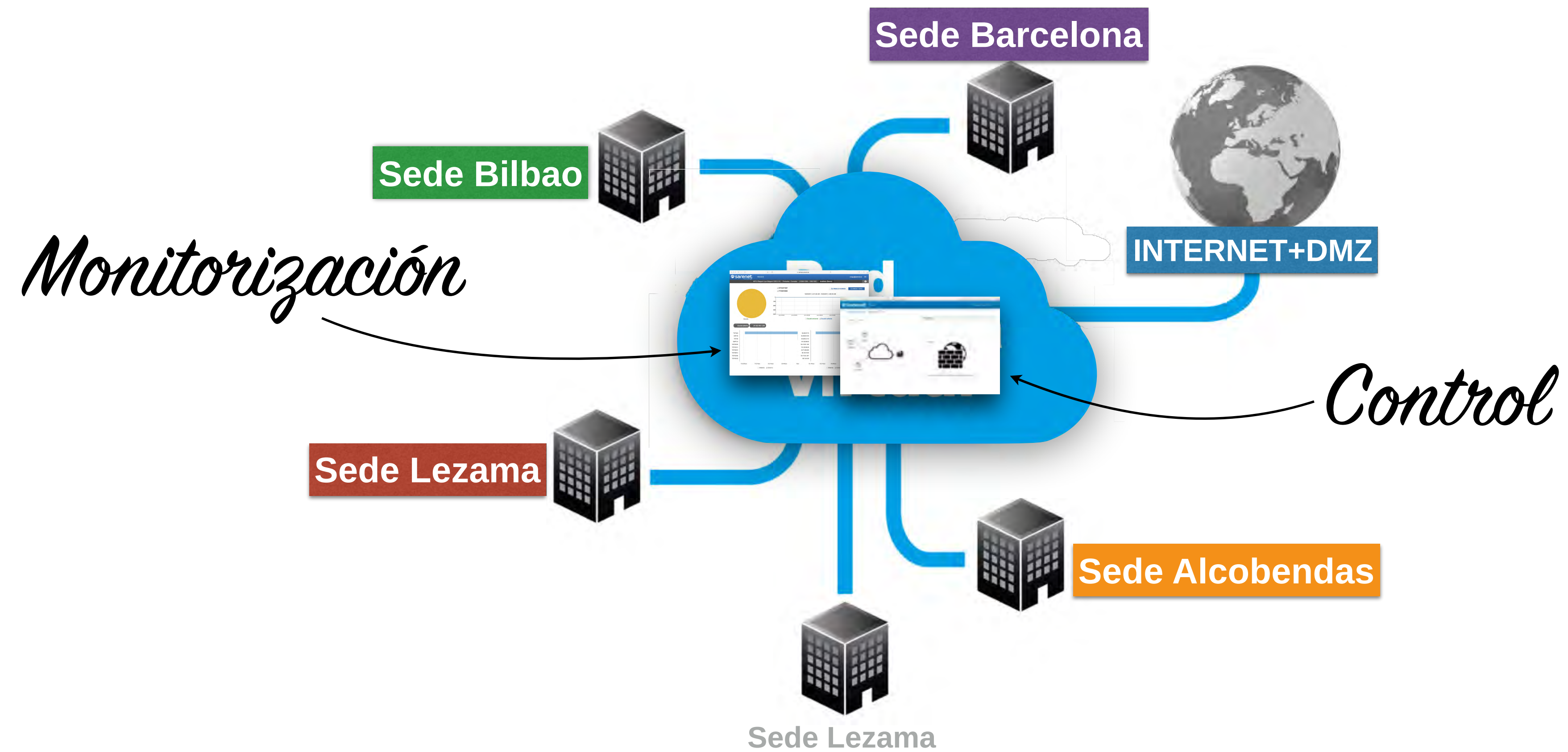
☒ Caudal saliente ☒ IP 192.168.1.220



☐ Interno ☒ Externo

☐ Interna ☒ Externa

54.239.37.70
La IP es de INTERNET
AS16509 Amazon.com, Inc.
↑ 61,22kbps



ventana.sarenet.es

 Redes

omago@sarenet.es ▾ ES ▾

MPLS

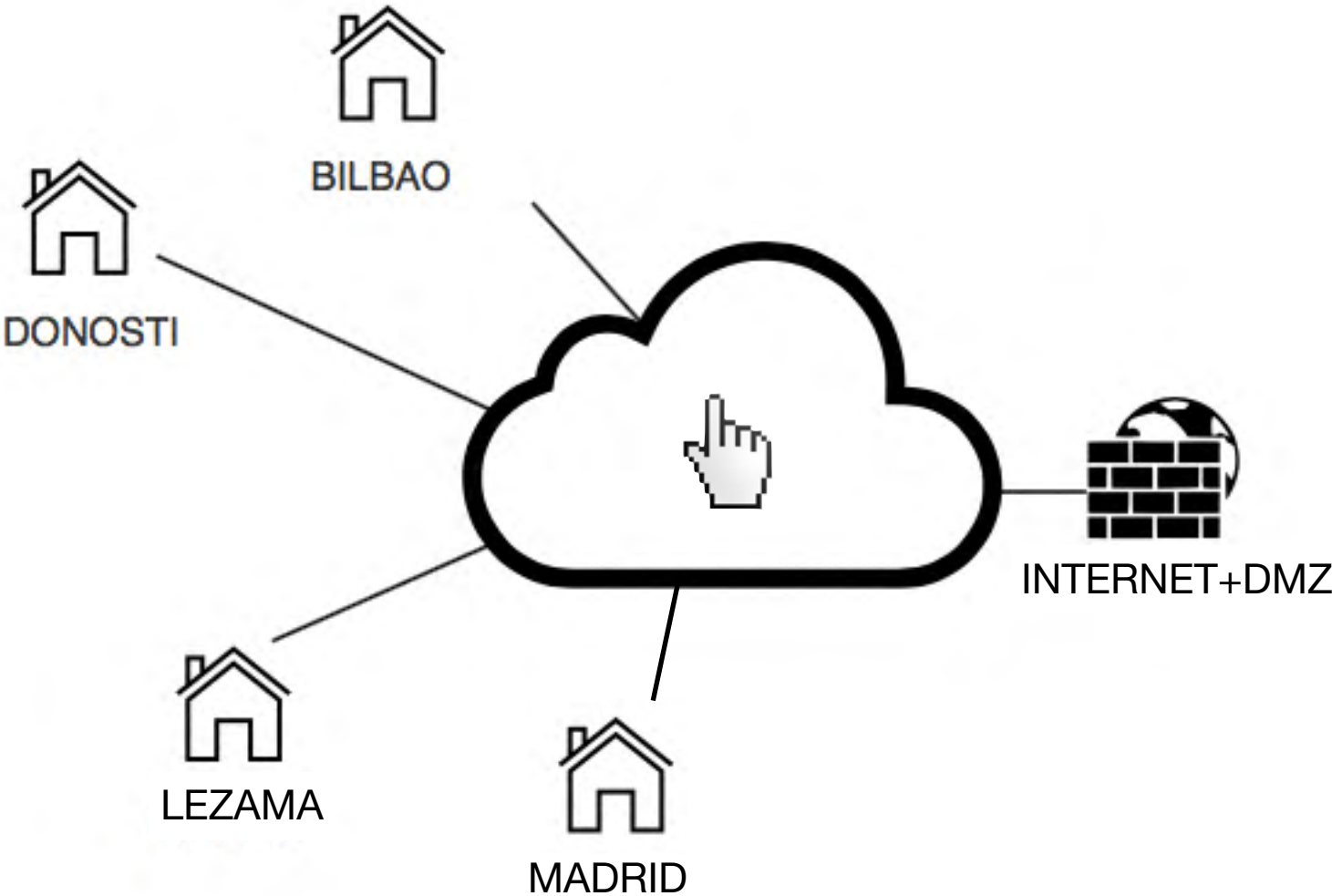
DEMO

» IS-MPLS-FW



Sedes

Rosco



POLÍTICA

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 Redes

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MPLS

DEMO

» IS-MPLS-FW



Sedes

Rosco

DONOSTI

BILBAO

LEZAMA

MADRID



INTERNET+DMZ

POLÍTICA

Frontera

BILBAO (FTH1825614-MOV3755892)



192.168.2.0/24 (ether5) ⊕

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sarenet

Redes

omago@sarenet.es ES

MPLS DEMO

» IS-MPLS-FW

SedesRosco

DONOSTI

BILBAO

LEZAMA

MADRID

INTERNET+DMZ

POLÍTICA

Frontera

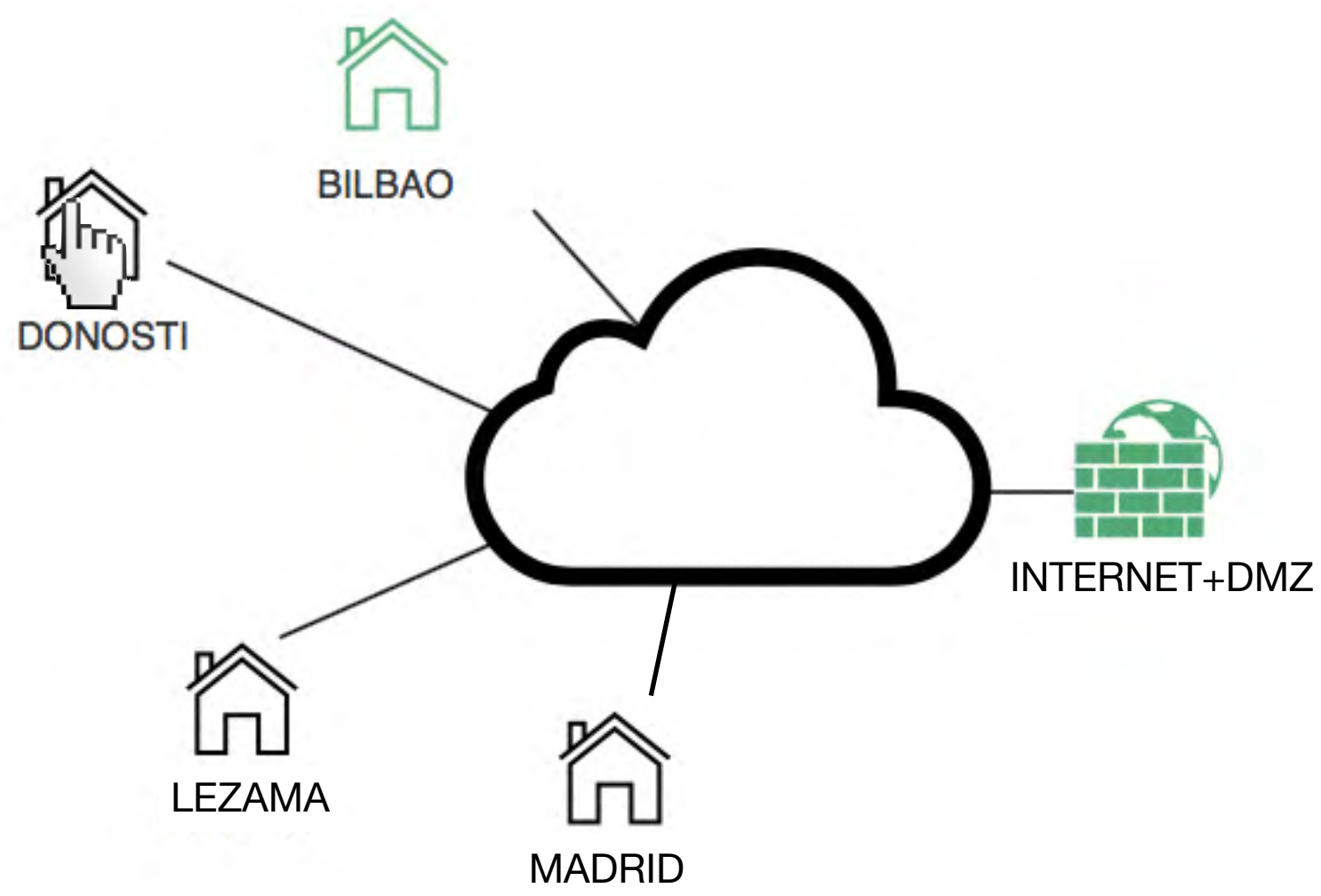
> BILBAO

BILBAO (FTH1825614-MOV3755892)

192.168.2.0/24 (ether5) ⊕

MPLS DEMO » IS-MPLS-FW ☒

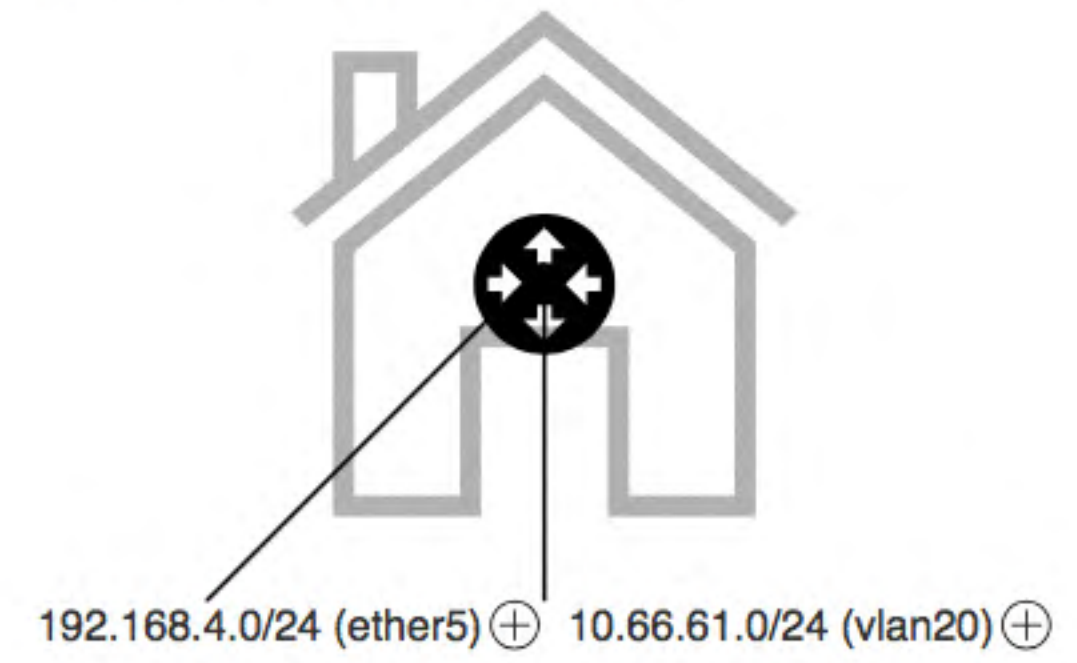
Sedes Rosco



POLÍTICA

- Frontera
- > BILBAO

DONOSTI (FTH7519360-MOV3436938)



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 Redes

omago@sarenet.es ES

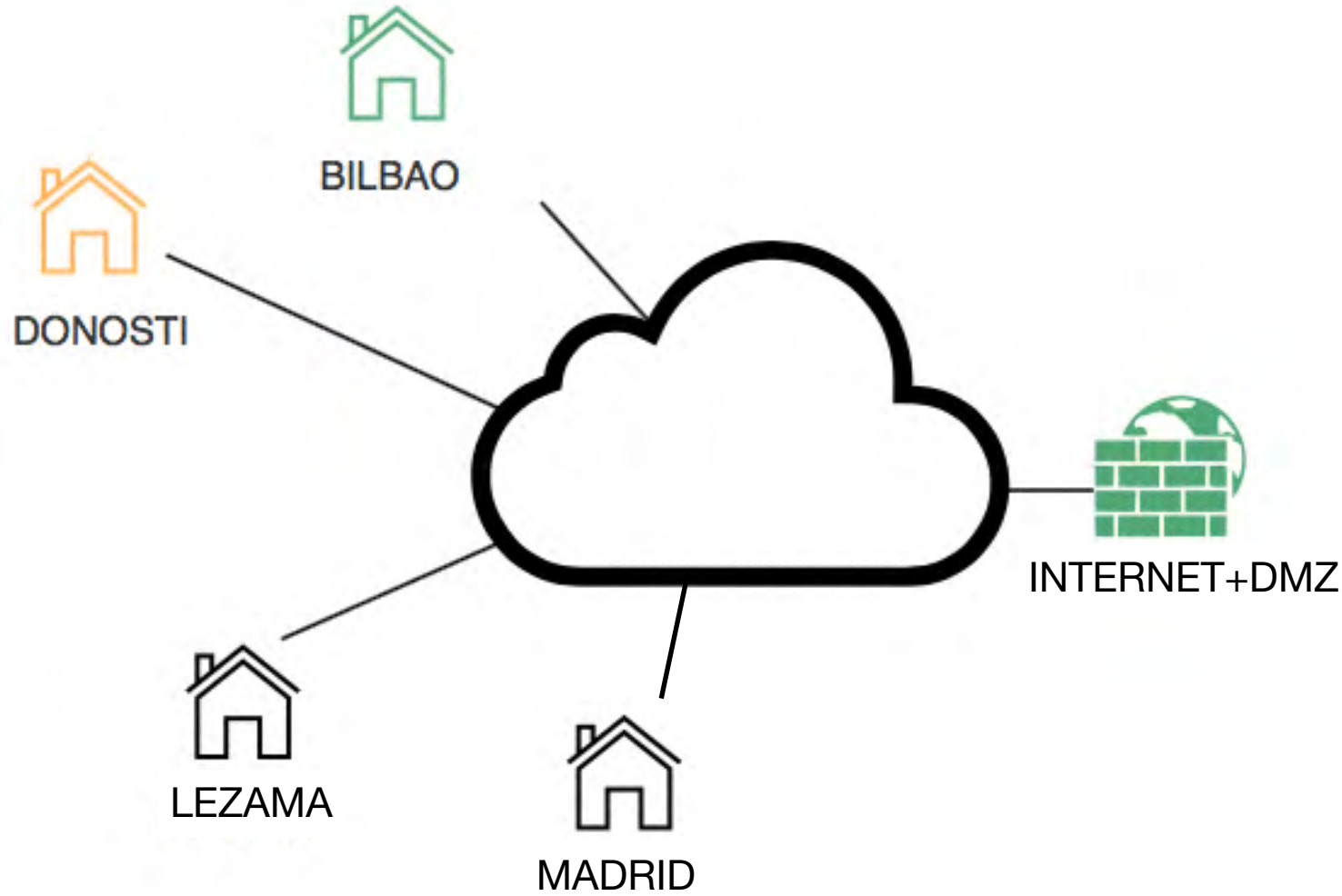
MPLS

DEMO

» IS-MPLS-FW 

Sedes

Rosco



POLÍTICA

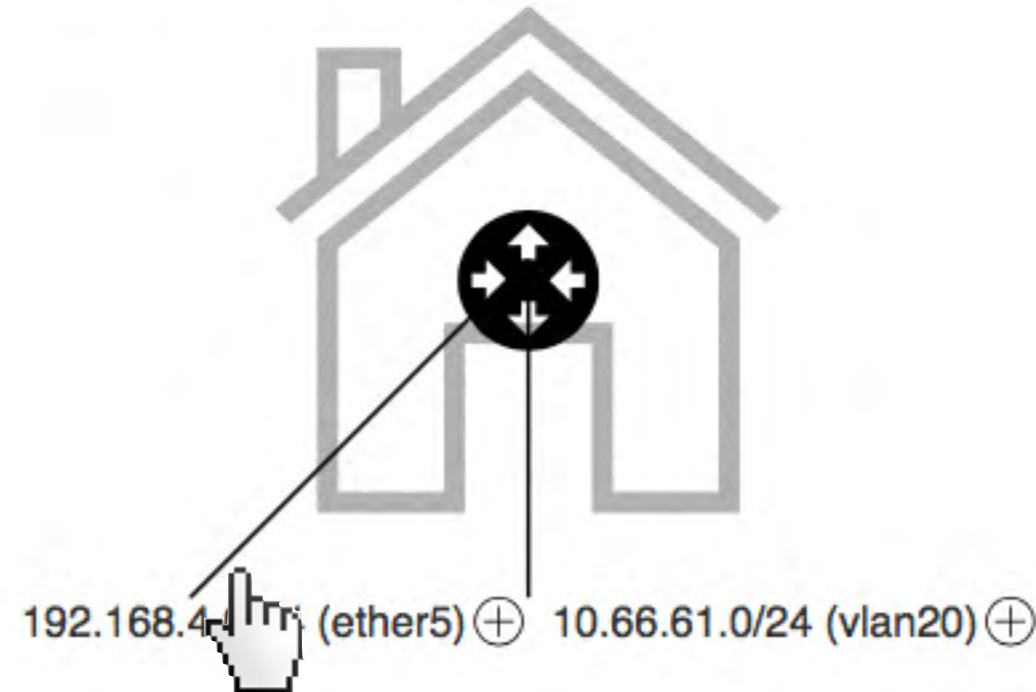
Frontera

> BILBAO

> DONOSTI

192.168.4.0/24 (ether5)

DONOSTI (FTH7519360-MOV3436938)



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MPLS DEMO

» IS-MPLS-FW

Sedes

Rosco

DONOSTI

BILBAO

LEZAMA

MADRID

INTERNET+DMZ

168.4.0/24 (ether5)

7519360-MOV3436938)

192.168.4.0/24 (ether5)

10.66.61.0/24 (vlan20)

IP/Puerto

IP

192168432

Protocolo

Protocolo

Puerto

Puerto

Cerrar

Guardar

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sarenet

Redes

omago@sarenet.es ES

MPLS DEMO» IS-MPLS-FW

SedesRosco

DONOSTI

BILBAO

LEZAMA

MADRID

Sede origen

MADRID

MADRID (FTH1097788-MOV9535546)

192.168.3.0/24 (ether5)⊕

192.168.4.0/24 (ether5)⊕

10.66.61.0/24 (vlan20)⊕

Cerrar

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sarenet

Redes

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MPLS

DEMO

» IS-MPLS-FW

Sedes

Rosco

DONOSTI

BILBAO

LEZAMA

MADRID

Control de Flujos MPLS

INTERNET+DMZ

POLÍTICA

Frontera

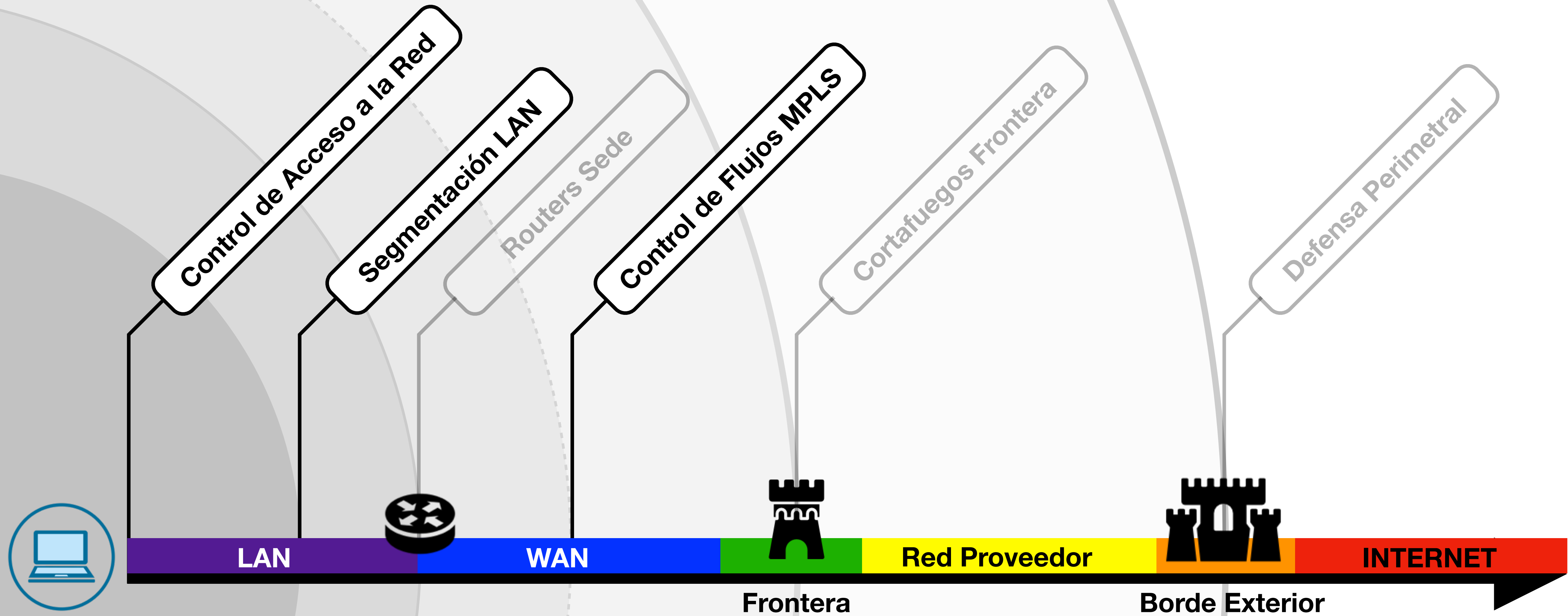
> BILBAO

MADRID > DONOSTI 192.168.4.0/24 (ether5)

DONOSTI (FTH7519360-MOV3436938)

192.168.4.0/24 (ether5) ⊕

10.66.61.0/24 (vlan20) ⊕



Spong. marin.

Fruet. Juniperi

Fol. Salviae cc.

Herb. Thymi

Flor. Rosae

Creta levigata

Flor. Arnicae

Rad. Althaeae cc.

Fol. Uvae ursi

Herb. Absinth. cc.

Segmentación LAN

Control de Acceso a la Red

Creta alba

Herb. Viol. tricol. cc.

Spec. Lignor.

Flor. Verbase. cc.

Flor. Tiliae cc.

Varia

Ferr. sulfur. crud.

Flor. Malvae

Natr. sulfuric.

Herb. Card. bened. cc.



LAN

Puerta

WAN

Frontera

Borde Exterior

INTERNET

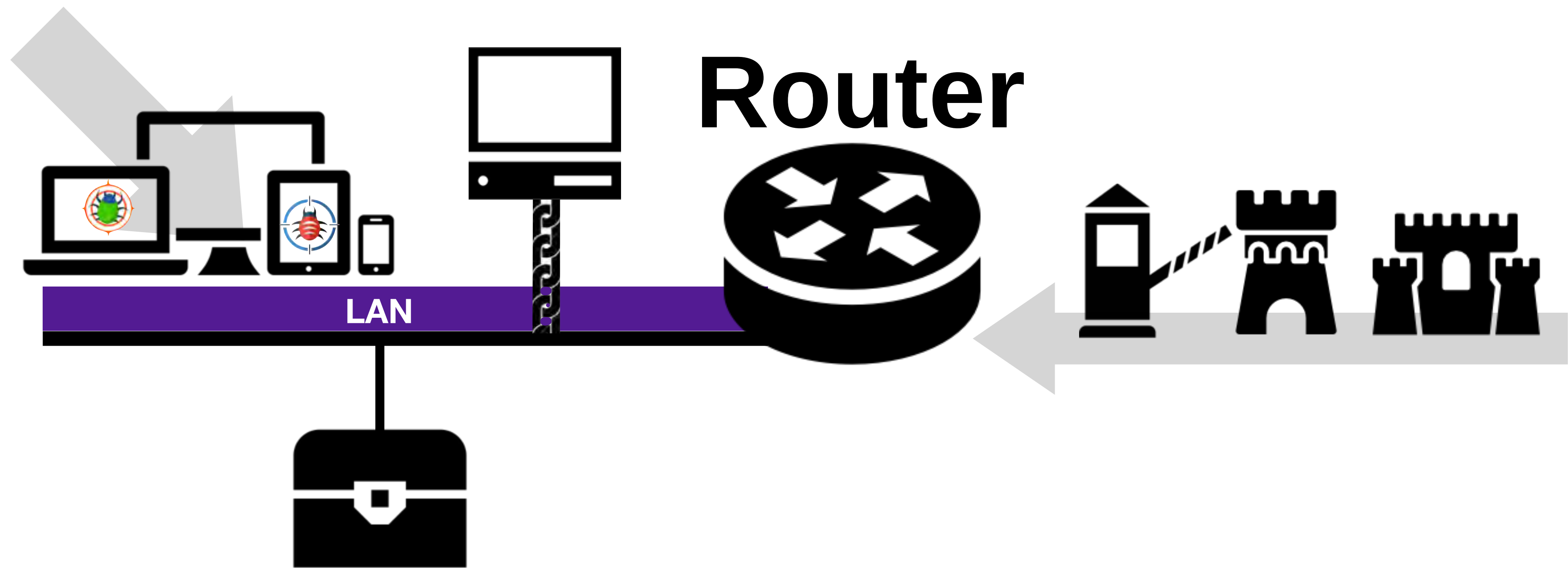
Routers Sede

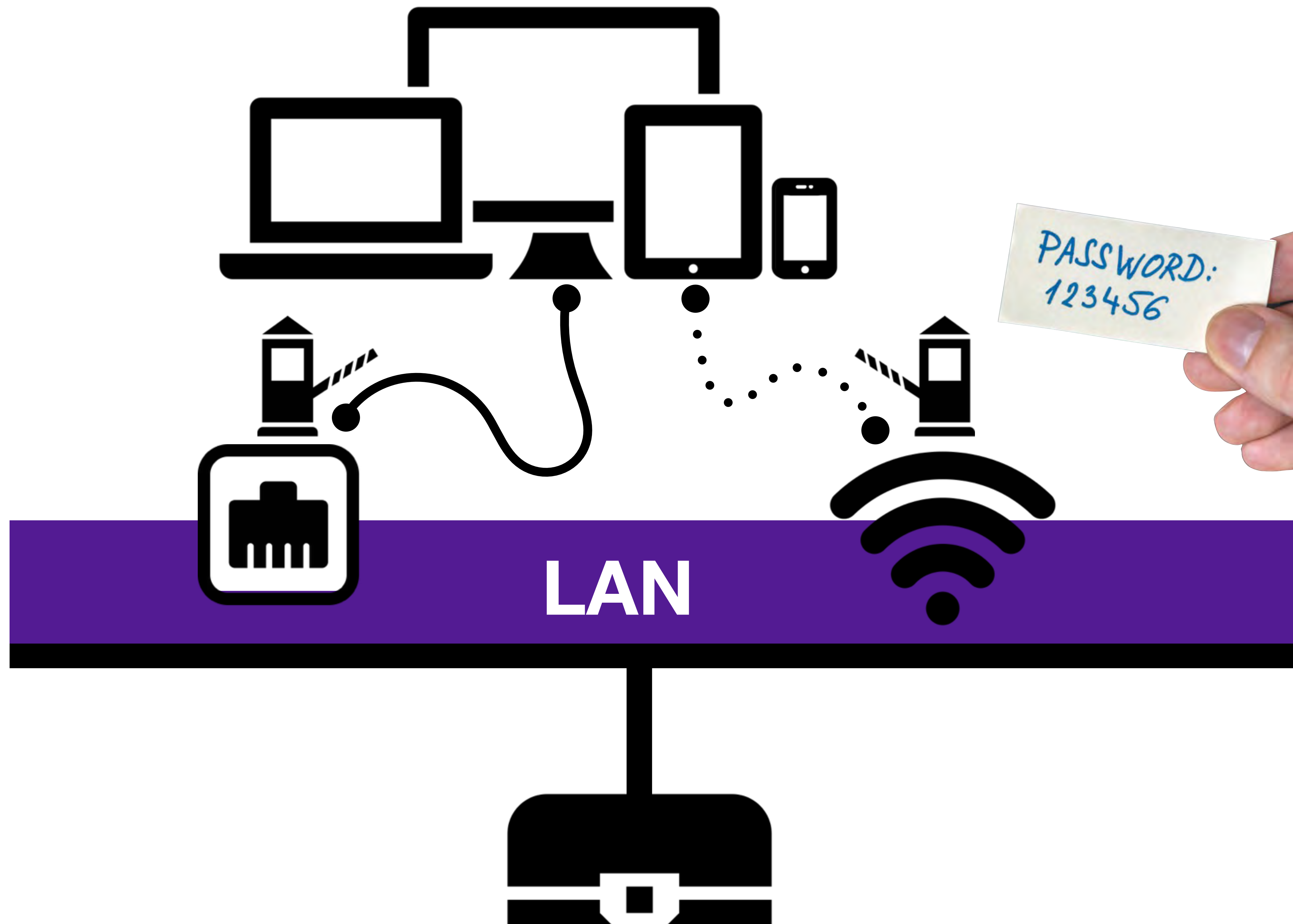
Control de Flujos MPLS

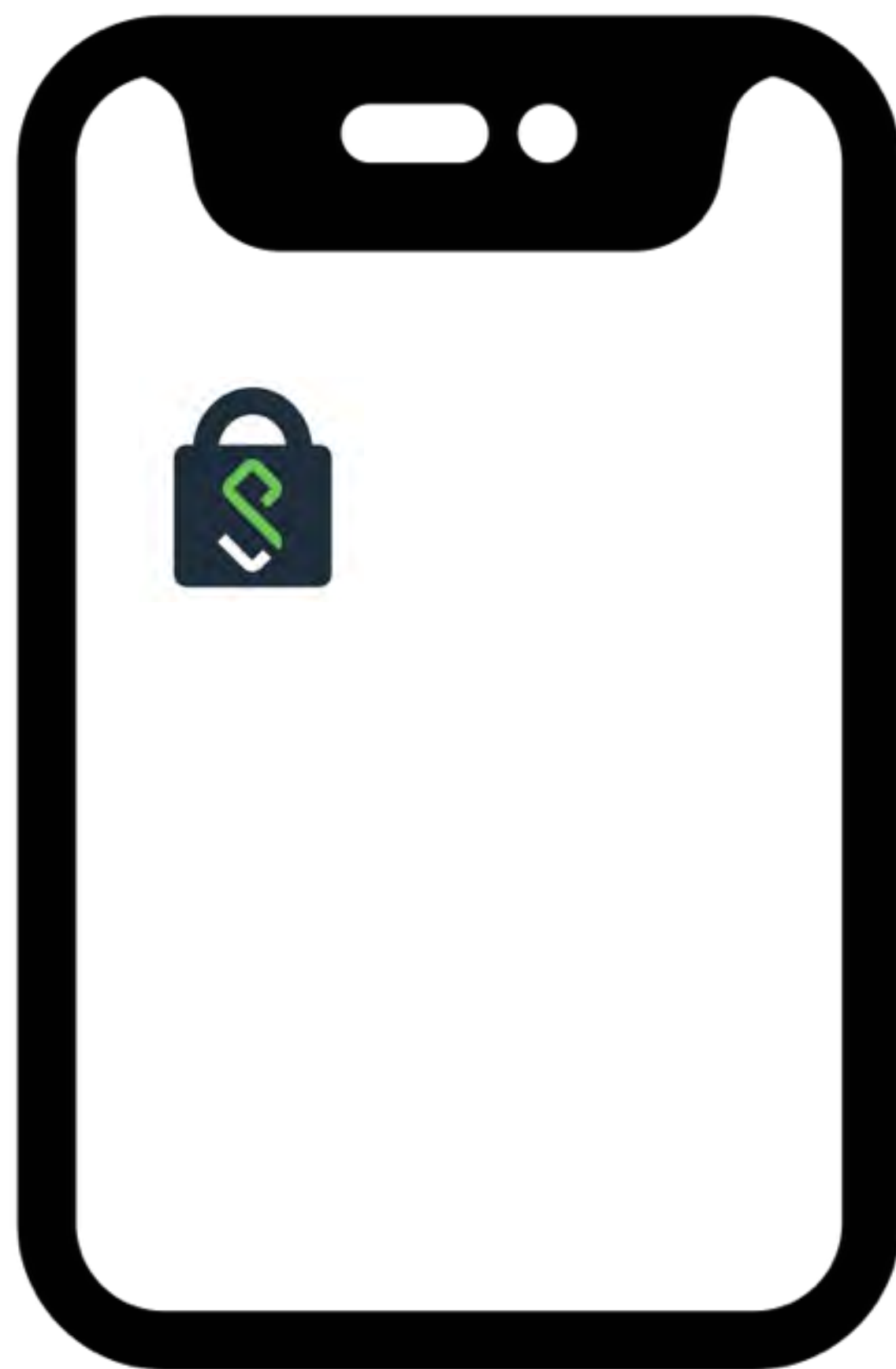
Cortafuegos Frontera

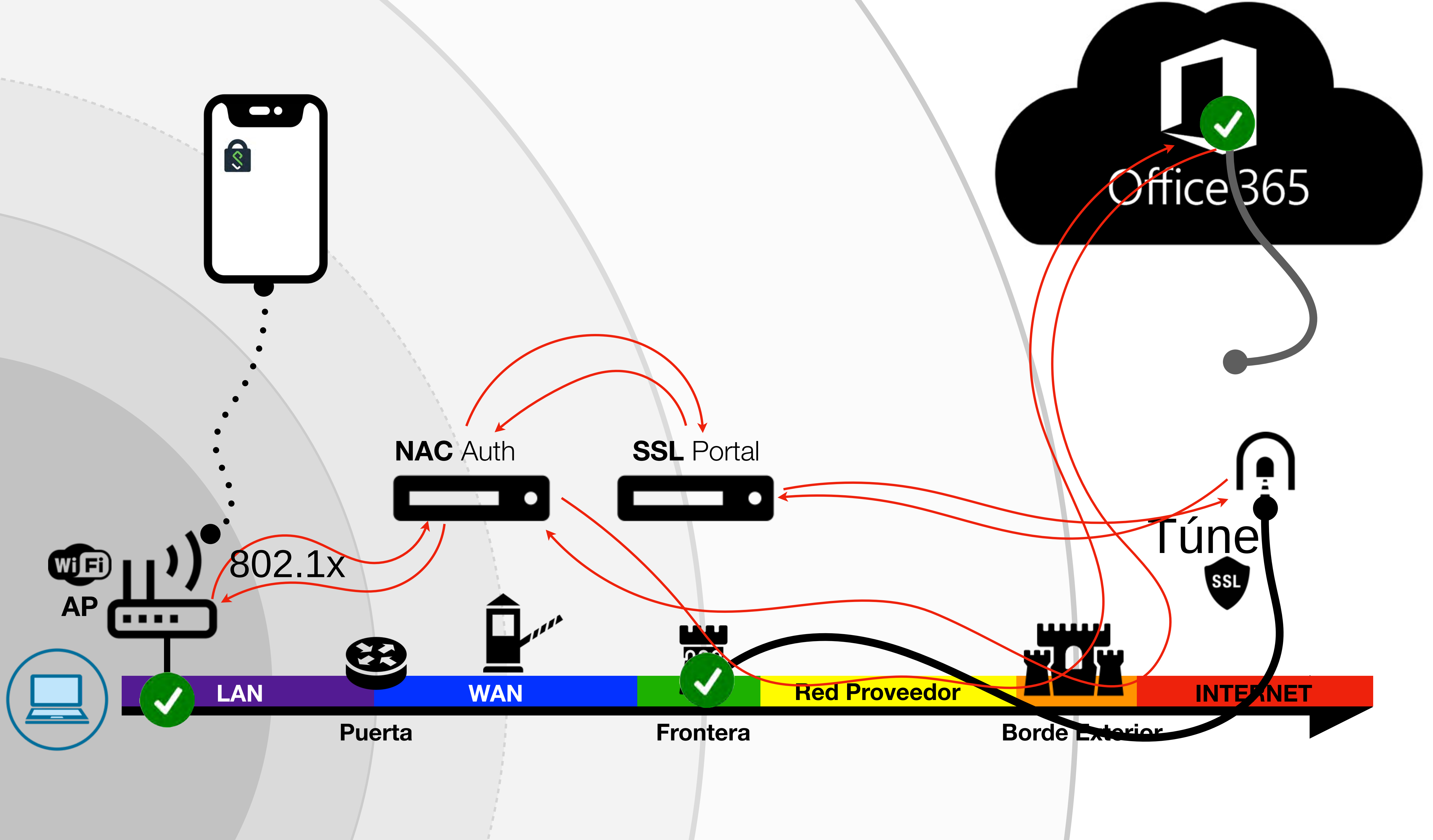
Defensa Perimetral

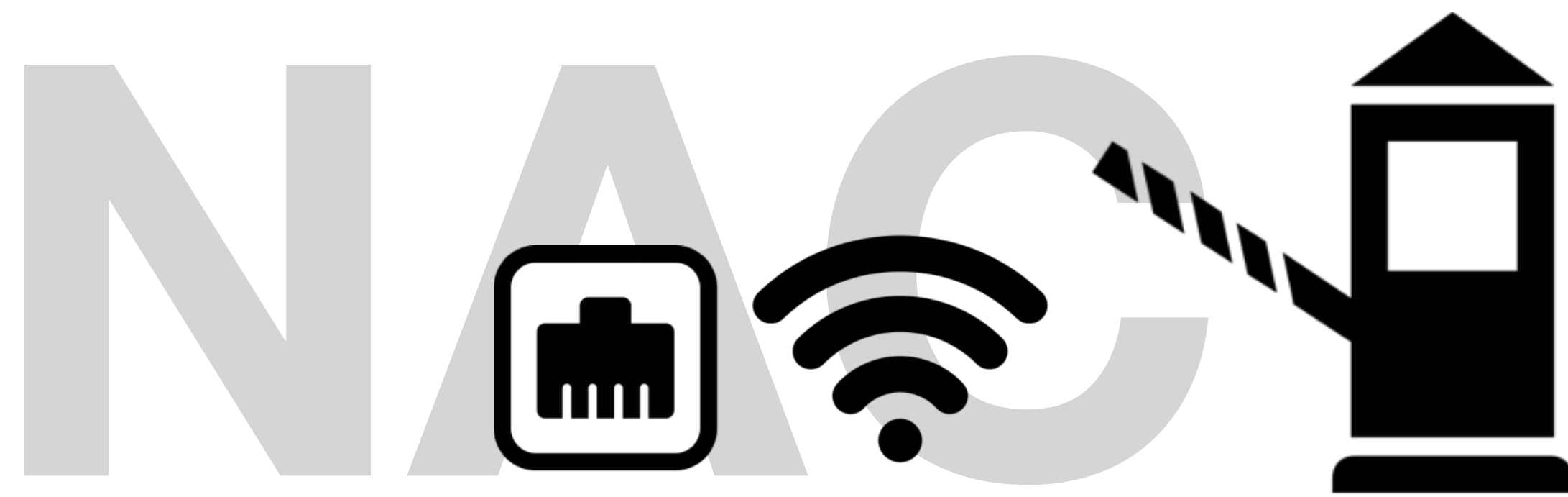






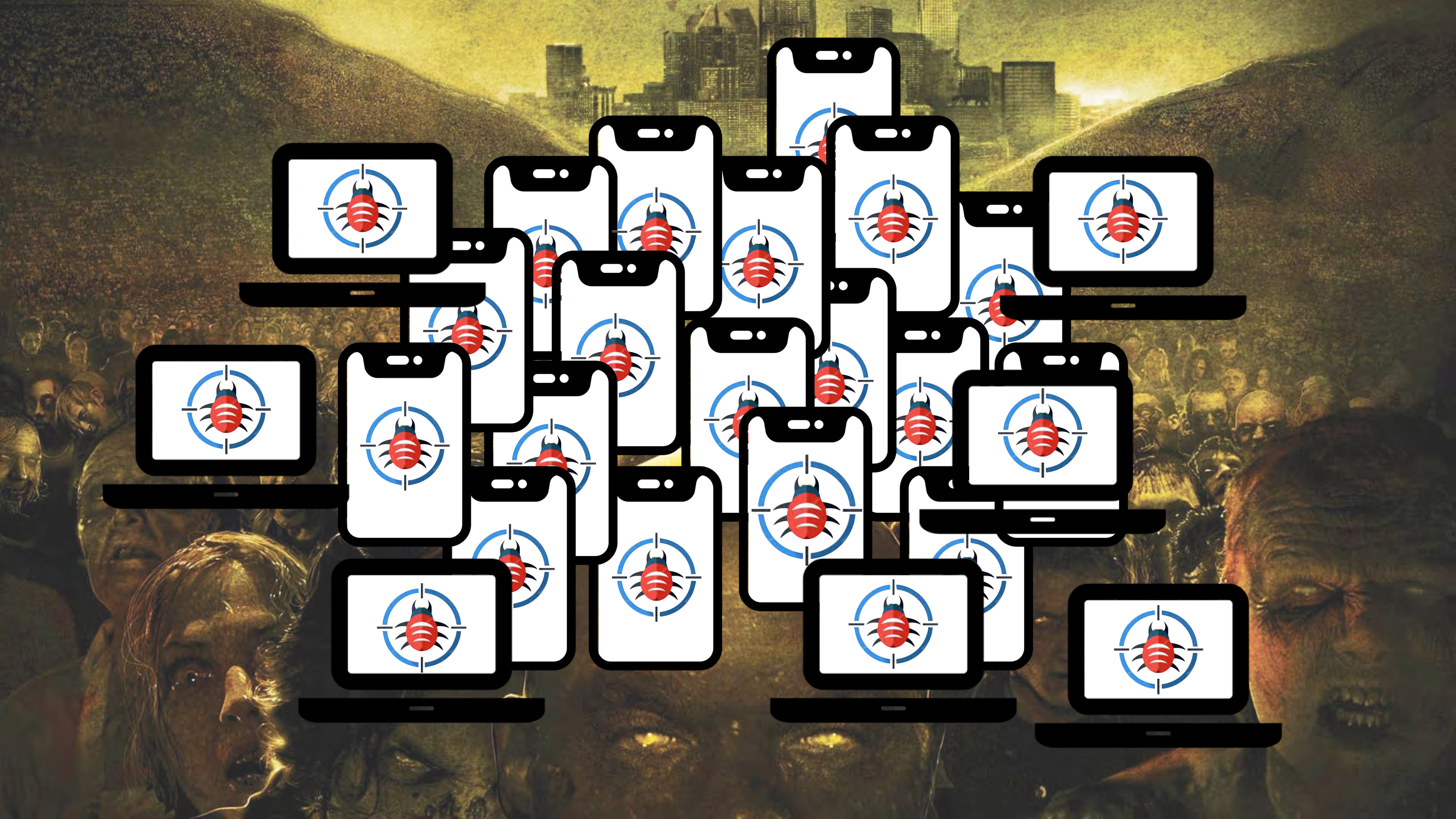


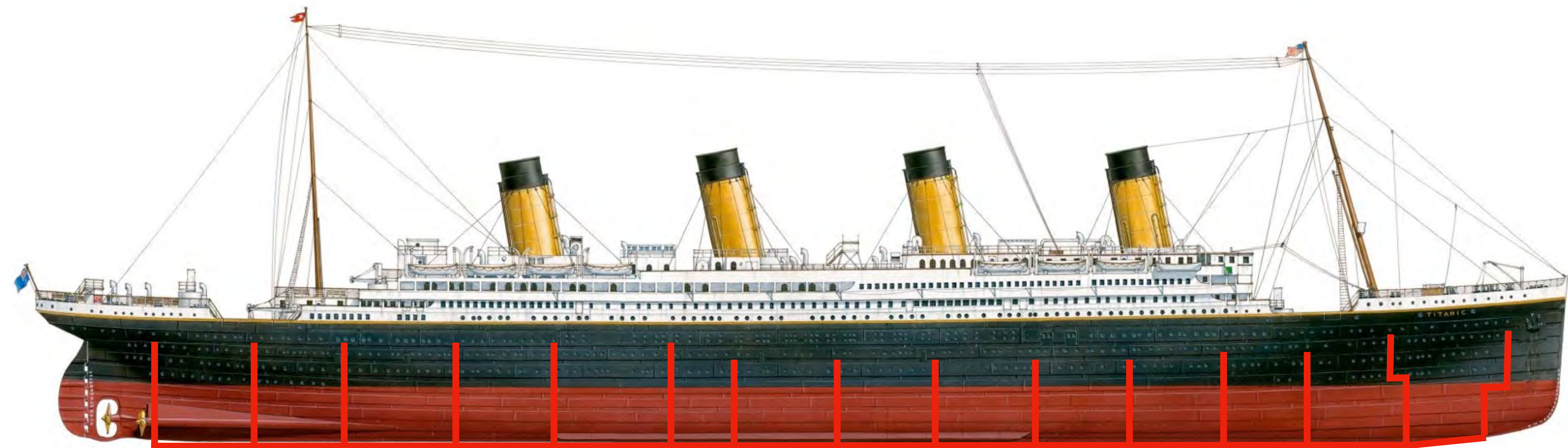


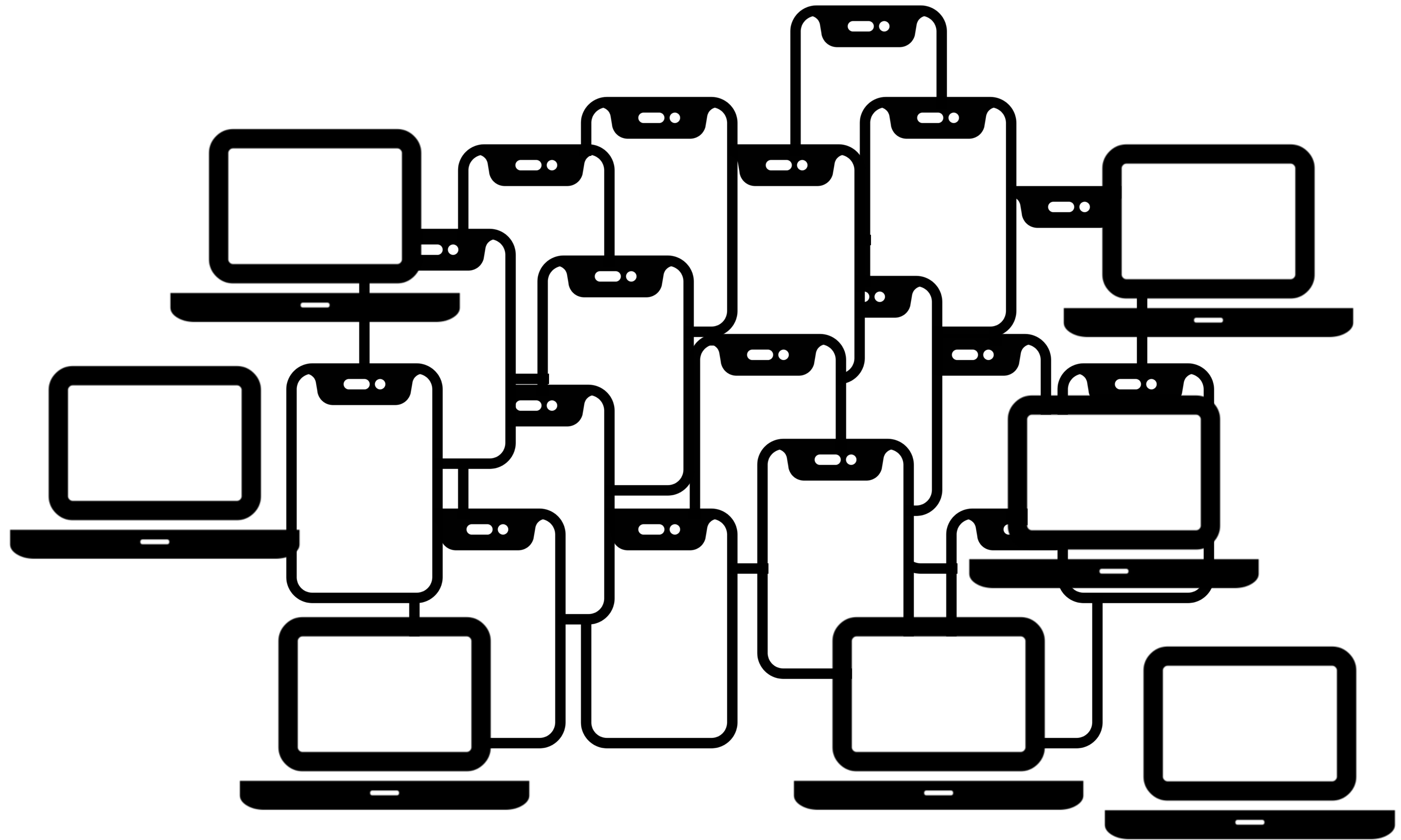


Control de Acceso a la Red







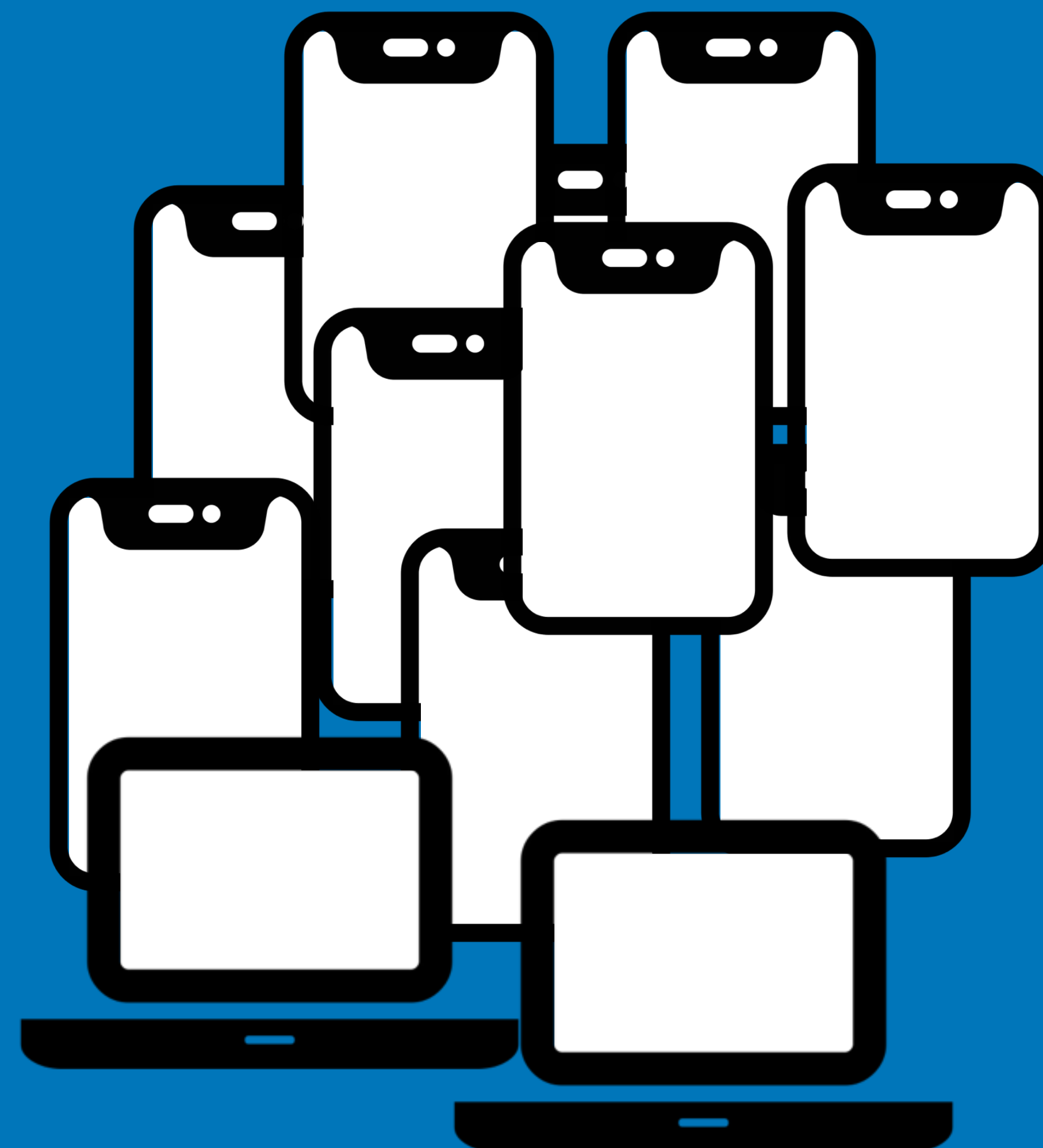




Invitados

Servicios Críticos

Oficina



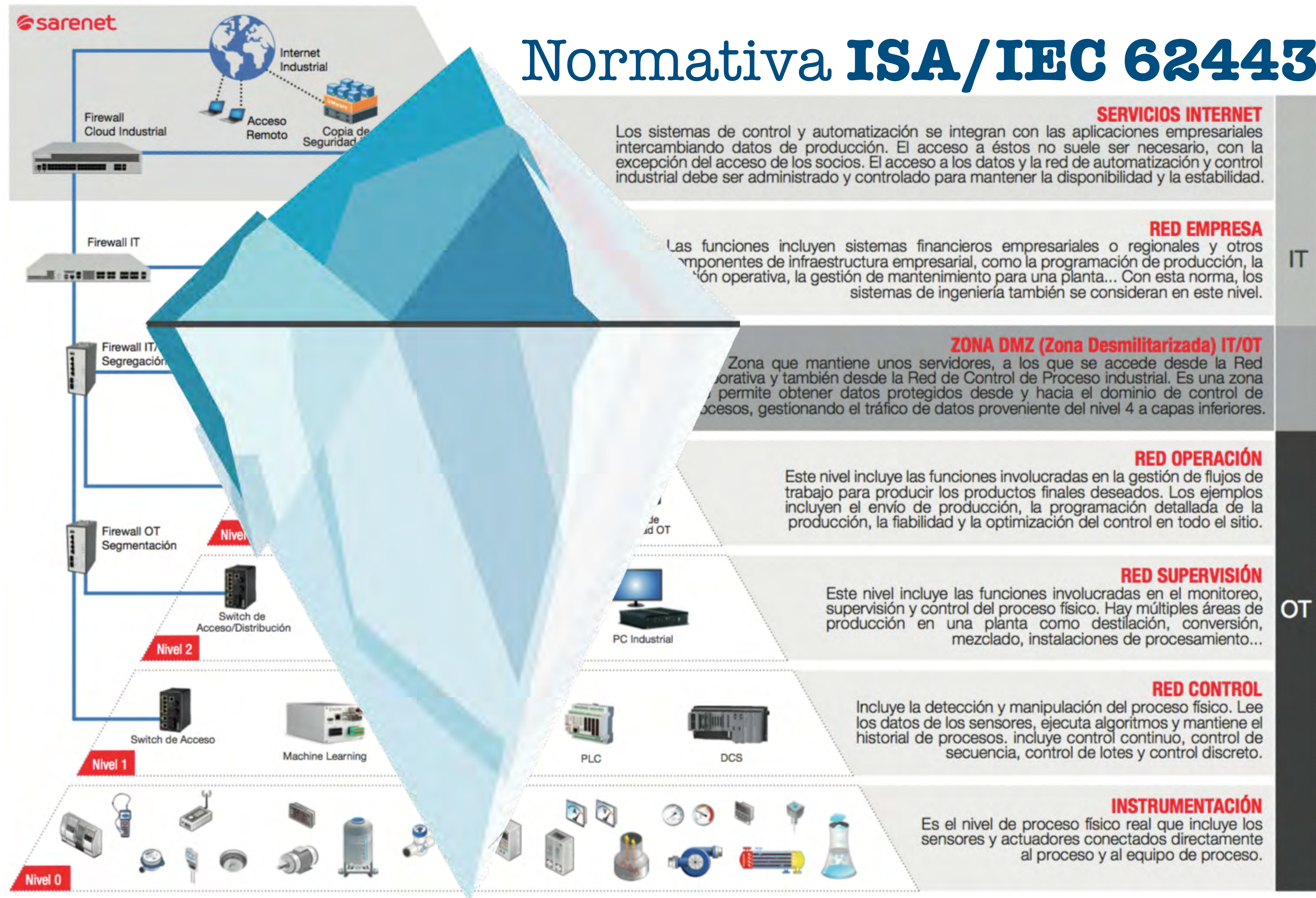
Mundo IT

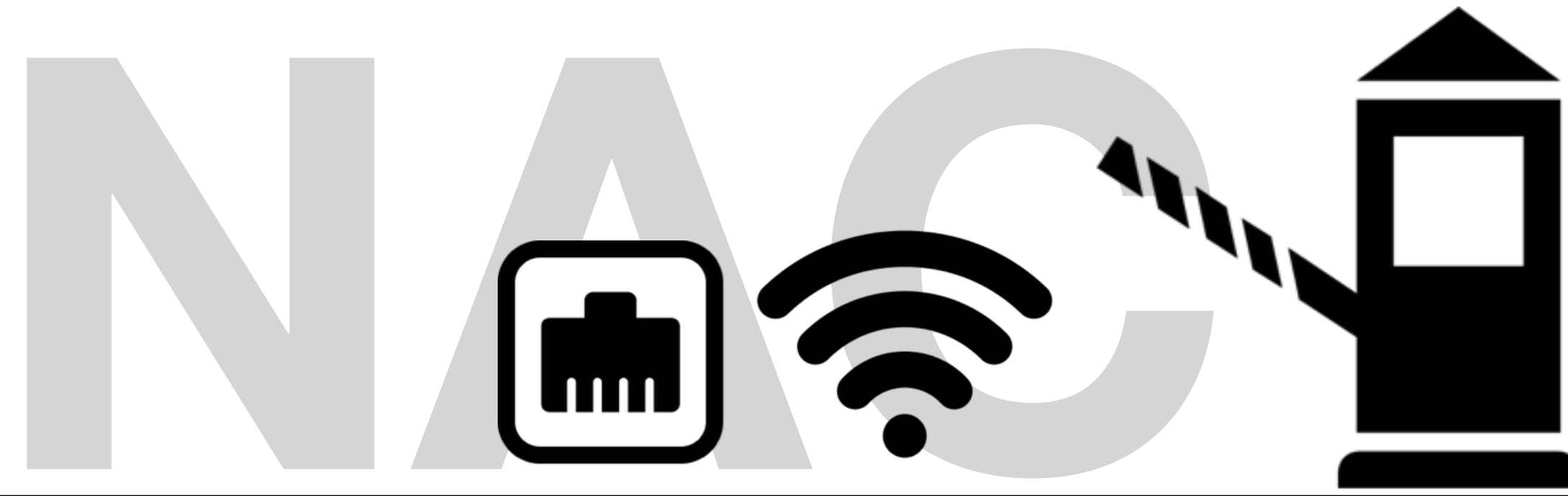


Mundo OT



Normativa ISA/IEC 62443





Control de Acceso a la Red



Segmentación LAN





Control de Acceso a la Red

Segmentación LAN

