



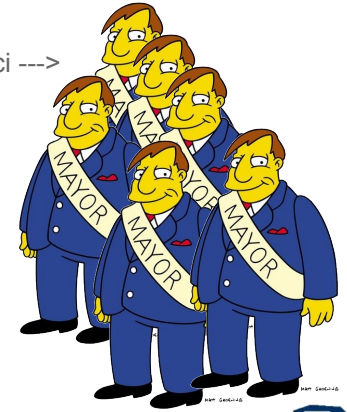
Lepida - la rete

Andrea Odorizzi - Progettazione reti
GARR WS18 - 31 Maggio 2018

Qualche numero



450 Soci --->



> 150 Aziende --->



> 2000 Utenti
(1000 scuole)



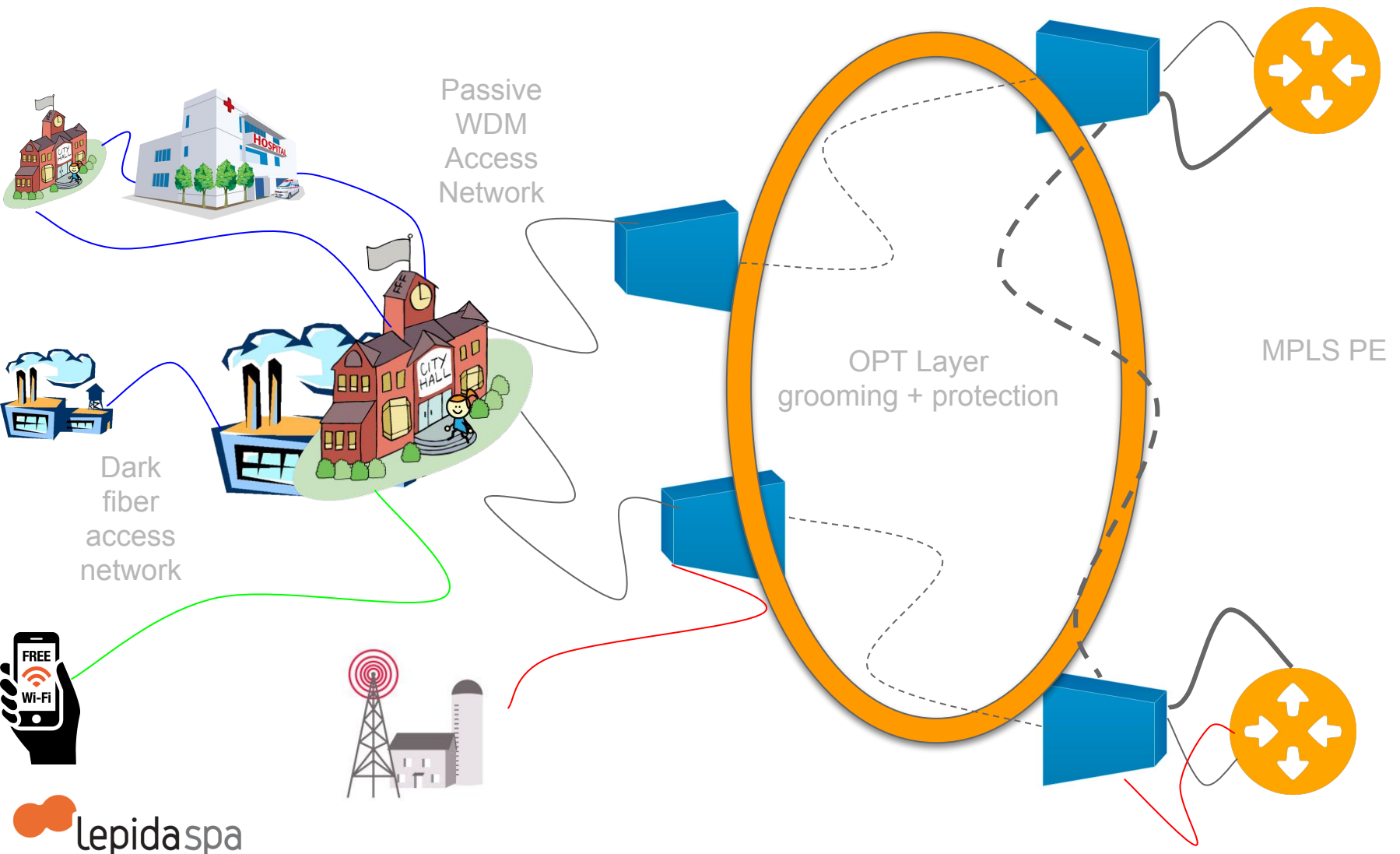
350 consegne di
connettività a W-ISP



> 3800 AP serviti



Modelli di erogazione del servizio: target

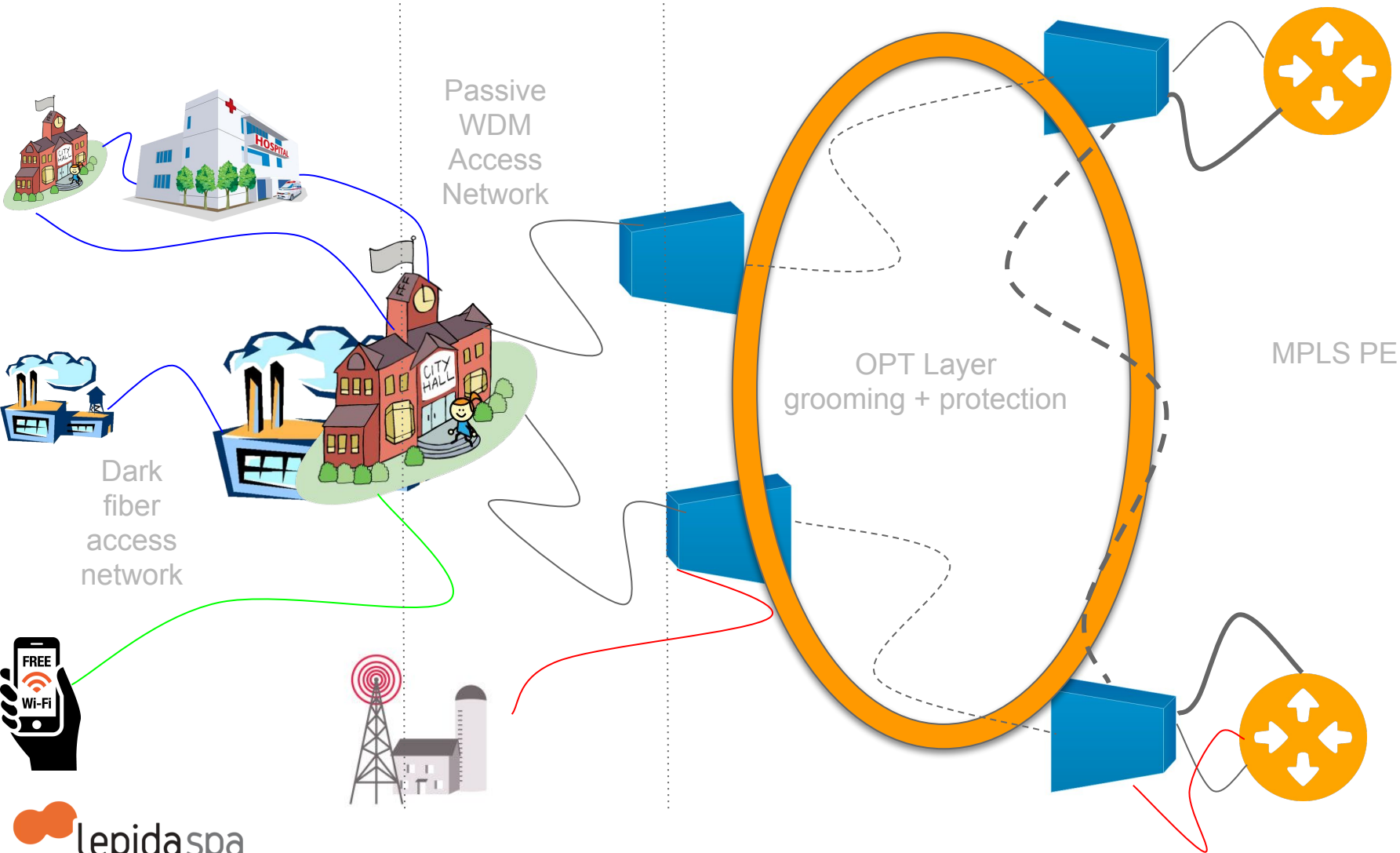


Modelli di erogazione del servizio

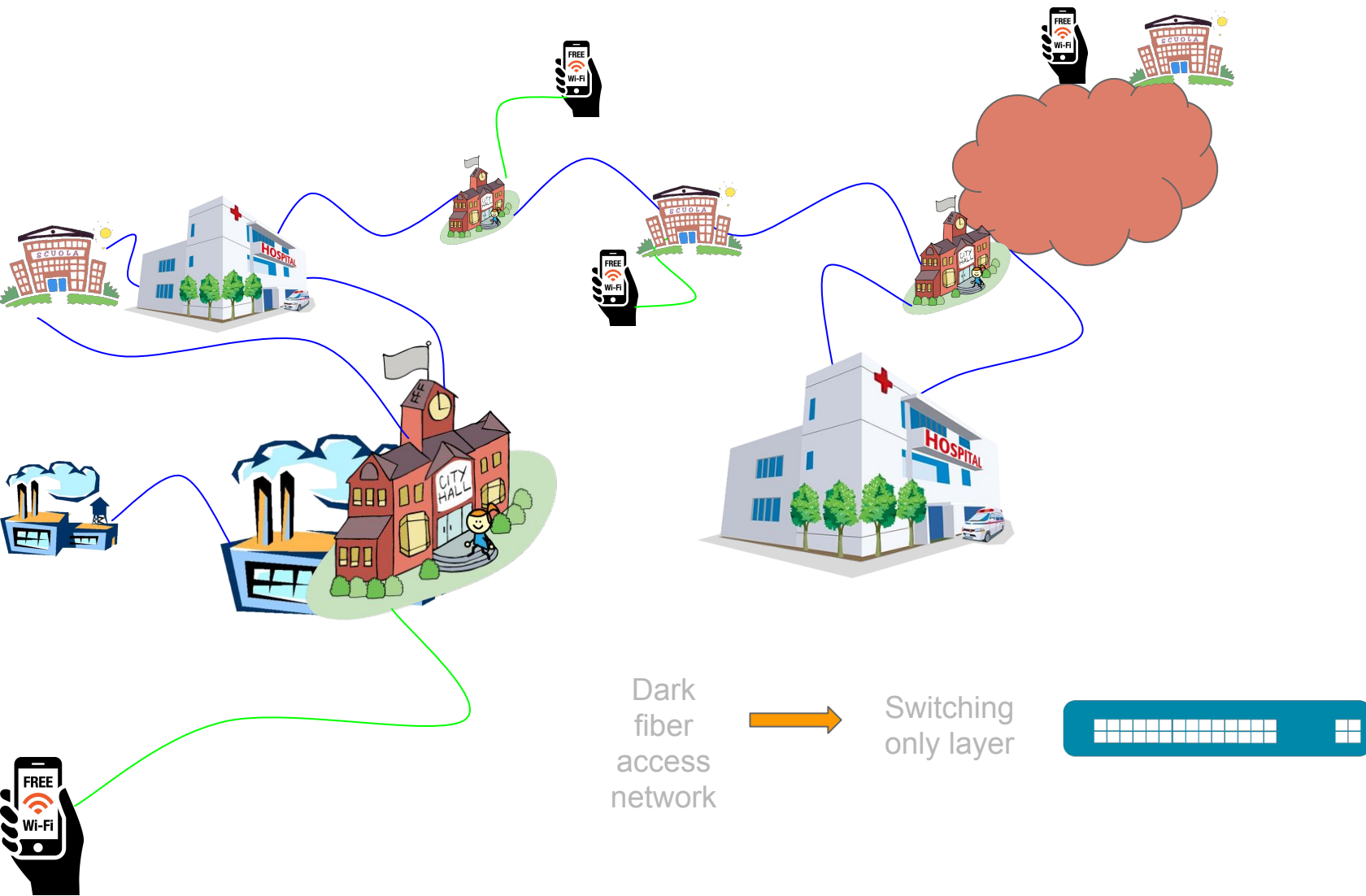
CHAOS



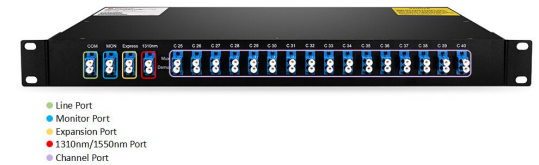
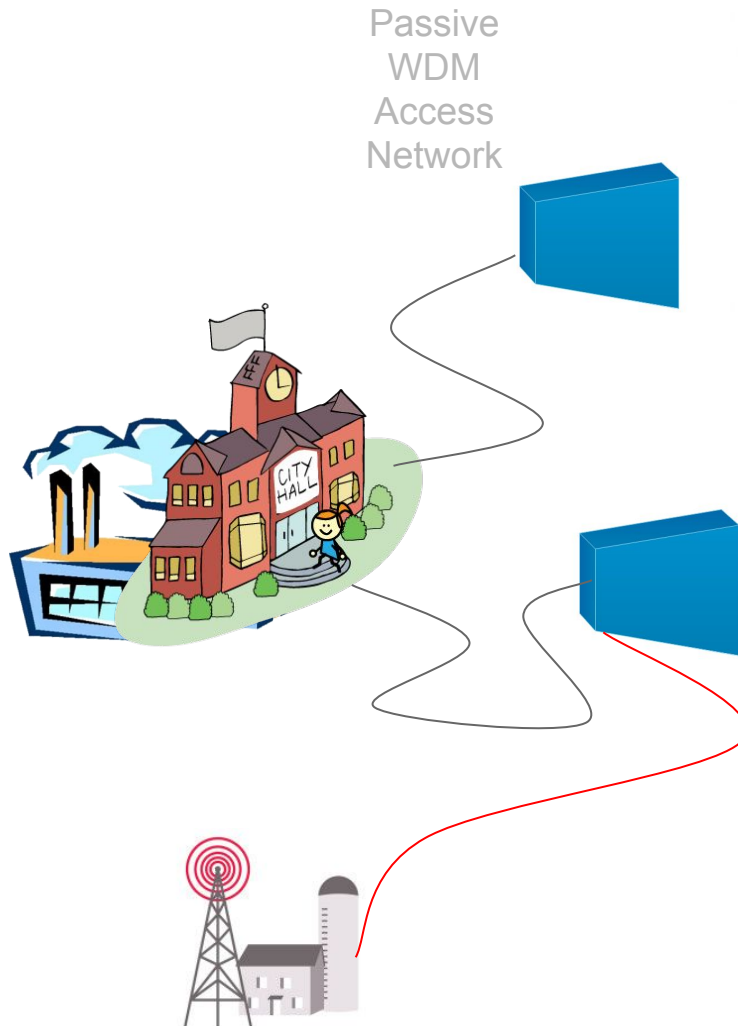
ORDER



Dark [fiber] world



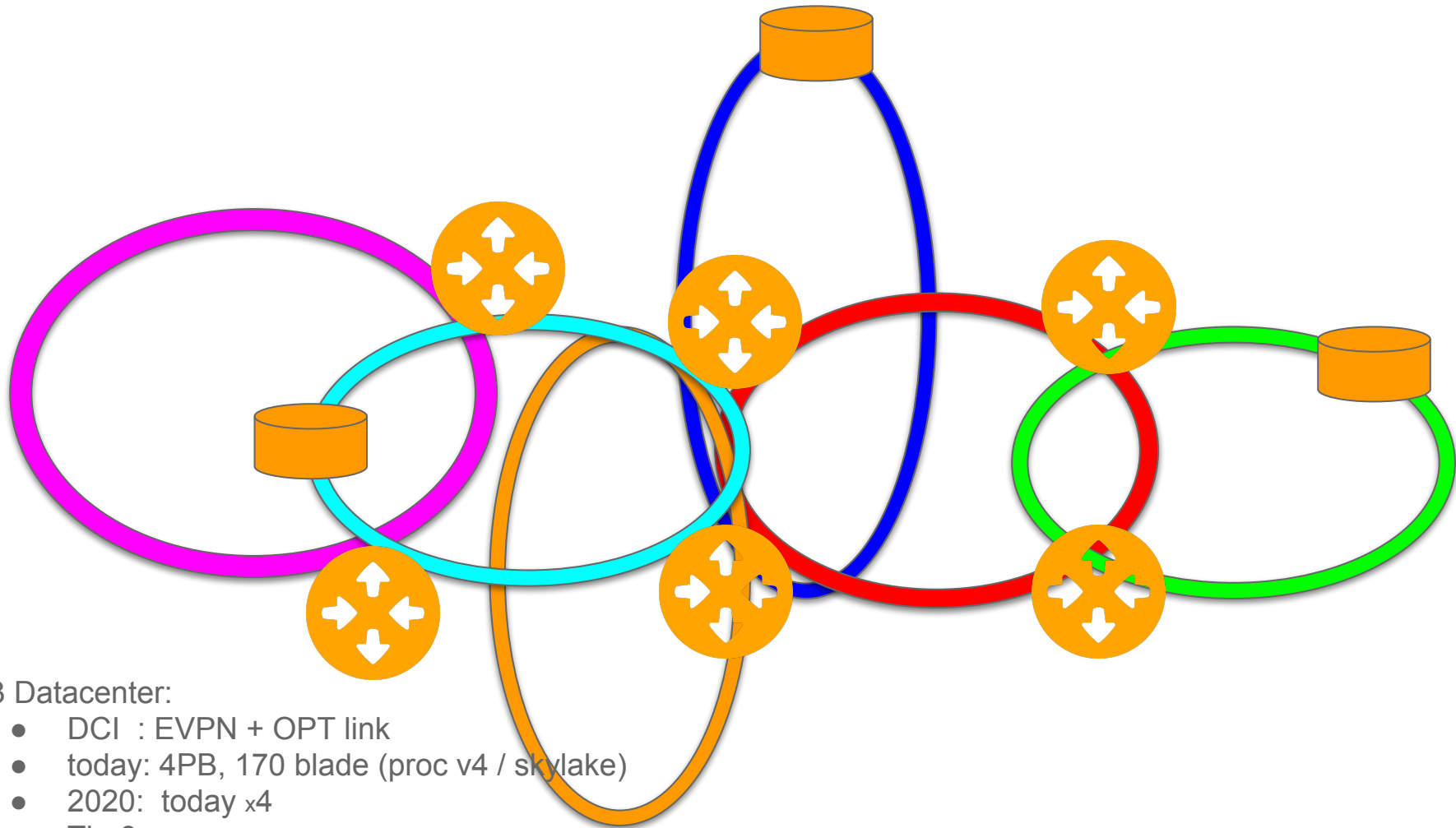
Passive WDM access network



Optical packet transport Layer + MPLS core



Optical packet transport Layer + MPLS core



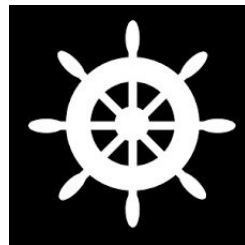
3 Datacenter:

- DCI : EVPN + OPT link
- today: 4PB, 170 blade (proc v4 / skylake)
- 2020: today x4
- Tier3
- 600 Kw IT load per DC

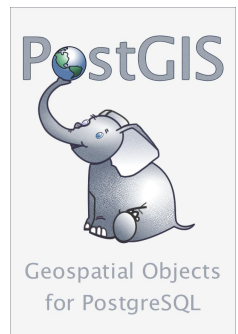
Lepida networking team



Junos PyEZ



SANET 3



A bit of automation



CorkScrew

select device

dc-pr

IFName	IFDescr	Subint	IFDescr	Encaps	Vlanid
xe-0/0/0	MIP-02	ae1.3	ITCITY-ComPR_DMZ	VLAN-Bridge	3
xe-0/1/0	Aggregato AE5	ae1.4	ITCITY-ComPR_lan	VLAN-Bridge	4
xe-0/1/1	Aggregato AE6	ae1.5	ITCITY-Internet	VLAN-Bridge	5

Configurazione della description di una unit della interfaccia lo0

Coppia di dispositivi selezionata: mip-02/mip-03 clear

Selezionare la Unit e la Nuova Description

Unit Description [Mostra Differenze](#)

mip-02

Unit	Description
0	management
1	lepida
2	speaker_bgp:L3VPN-WISPER
3	L3VPN-FreeLepida
4	L3VPN-VOIPIntercent
5	l3vpn-r3
78	speaker_bgp:L3VPN-Progetto8
102	L3VPN-AVEN
105	L3VPN-AUSLRE
106	L3VPN-AUSLPR
137	speaker_bgp:L3VPN-VALNURE-VALCHERO
194	L3VPN-IC-COMUNE_DI_PIAC-WIFI

mip-03

Unit	Description
0	management
1	Lepida
2	speaker_bgp:L3VPN-WISPER
3	L3VPN-FreeLepida
4	L3VPN-VOIPintercent
5	l3vpn-r3
9	L3VPN-AUSLMO
78	speaker_bgp:L3VPN-Progetto8
102	L3VPN-AVEN
105	L3VPN-AUSLRE
106	L3VPN-AUSLPR
137	speaker_bgp:L3VPN-VALNURE-VALCHERO

Diff mip-02

```
[edit interfaces lo0 unit 1]
- description lepida;
+ description LEPIDA;
```

Diff mip-03

```
[edit interfaces lo0 unit 1]
- description lepida;
+ description LEPIDA;
```

Conferma delle modifiche

[Commit](#) [Rollback](#)

Lepida spa PREFIX AS NAP

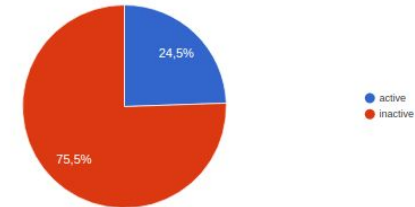
NAP selection

NAP [Visualizza](#)

Risultati per decix

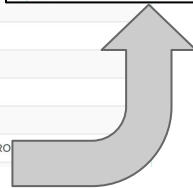
Statistiche aggregate

Stats	Value
active	119205
received	487283
accepted	487283
	0

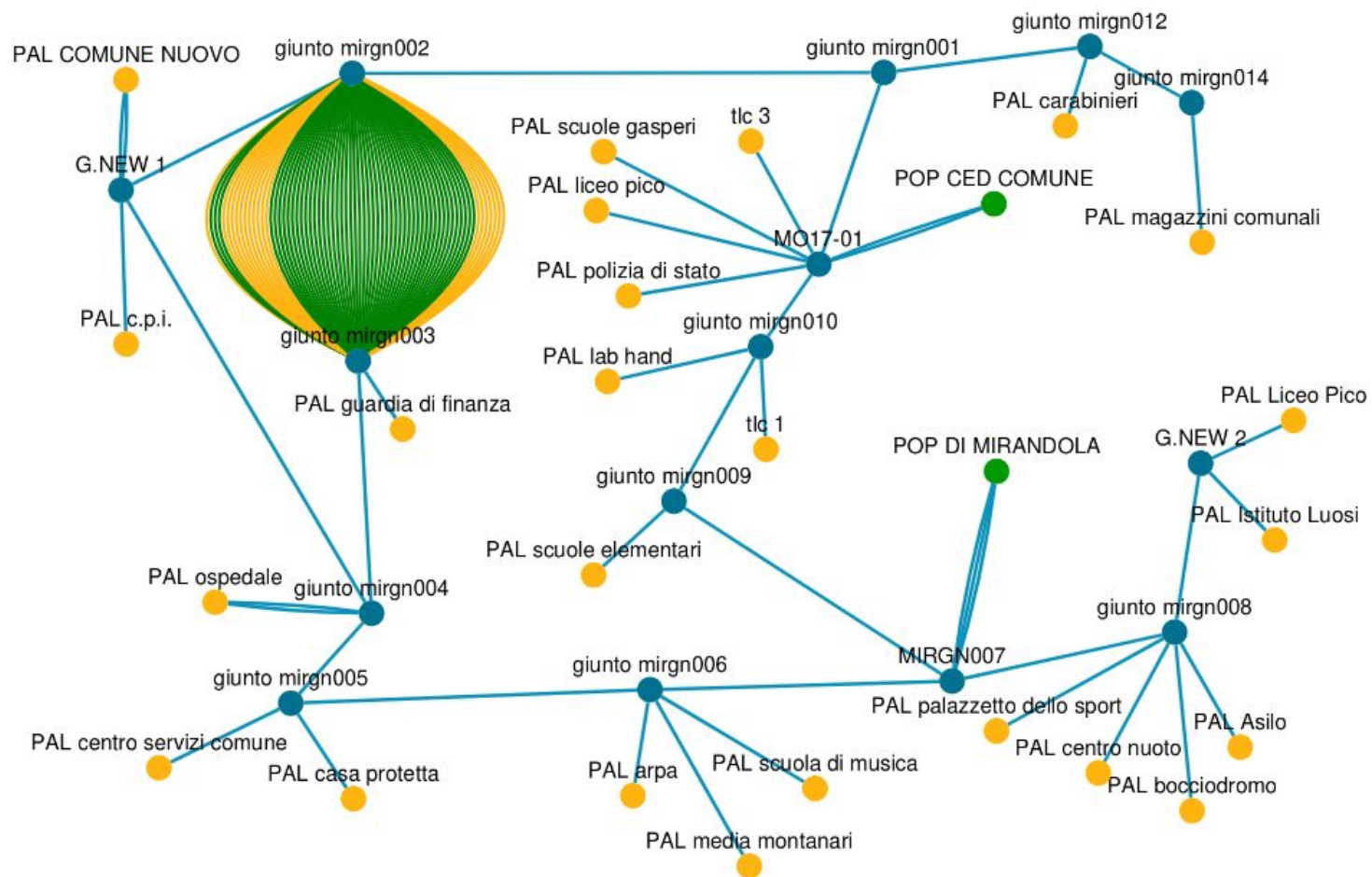


80 peer IP

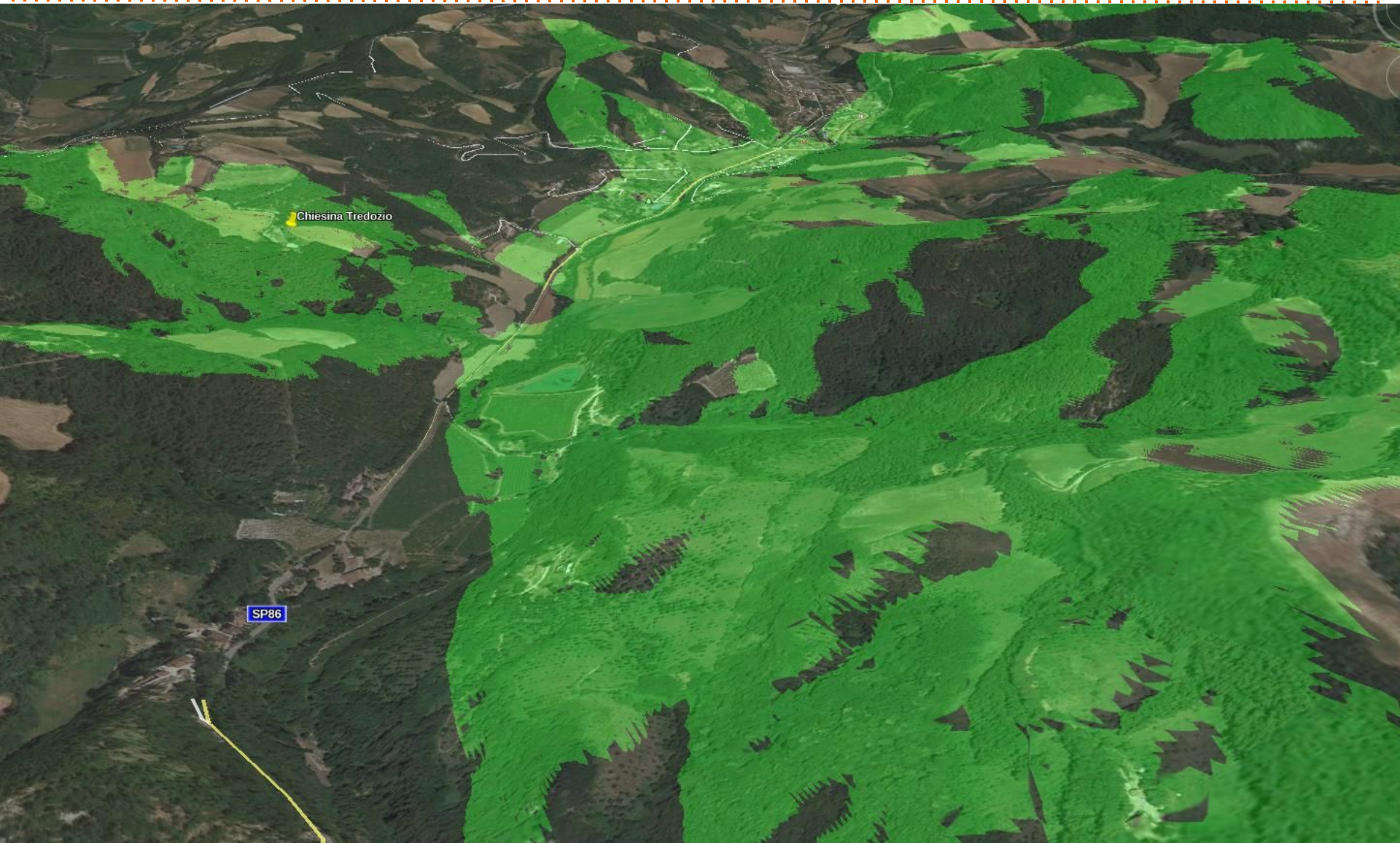
AS	Active	Received	Accepted
8365	36	49	49
8741	0	2	2



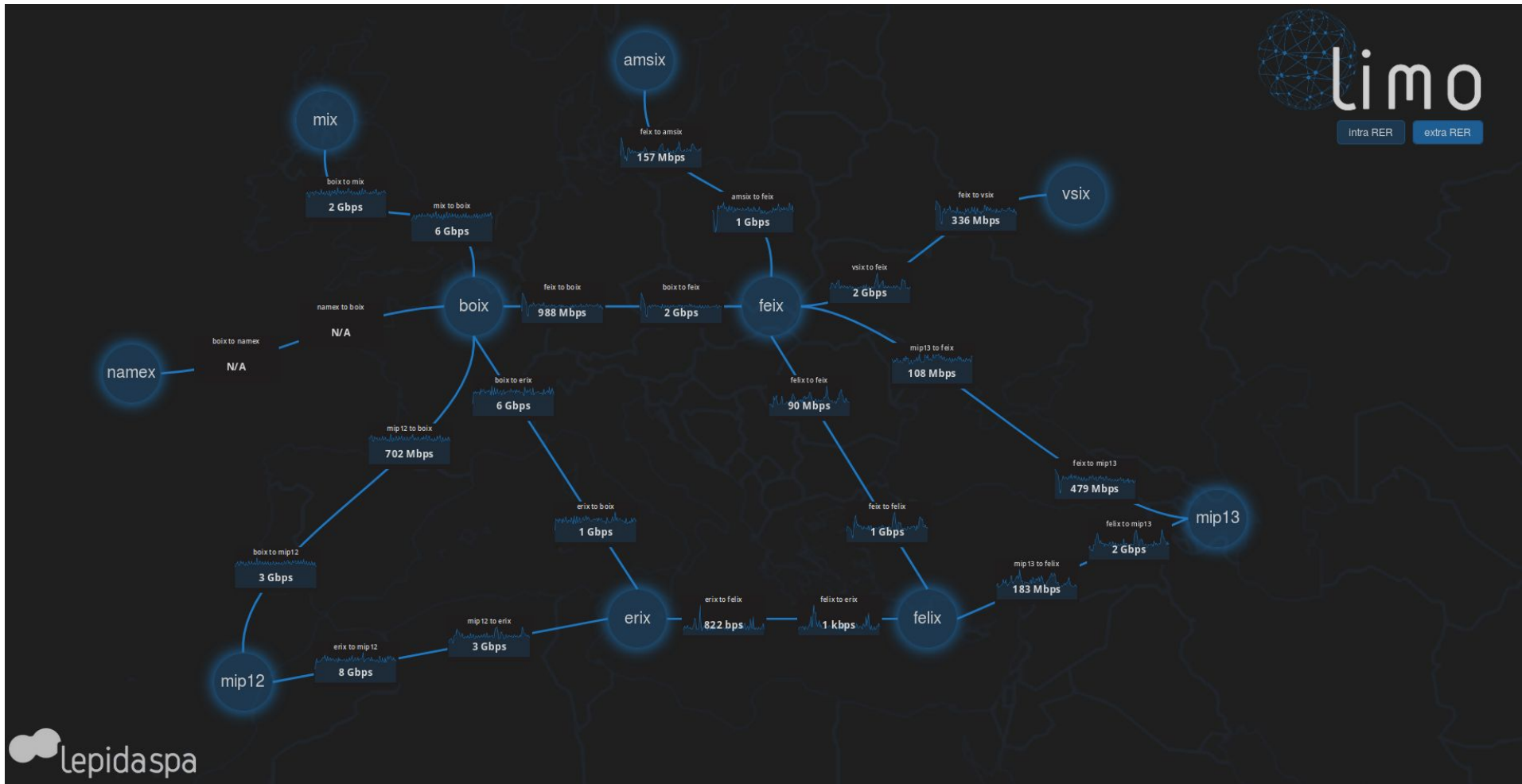
Do it by yourself (1)



Do it by yourself (2)



Do it by yourself (3)

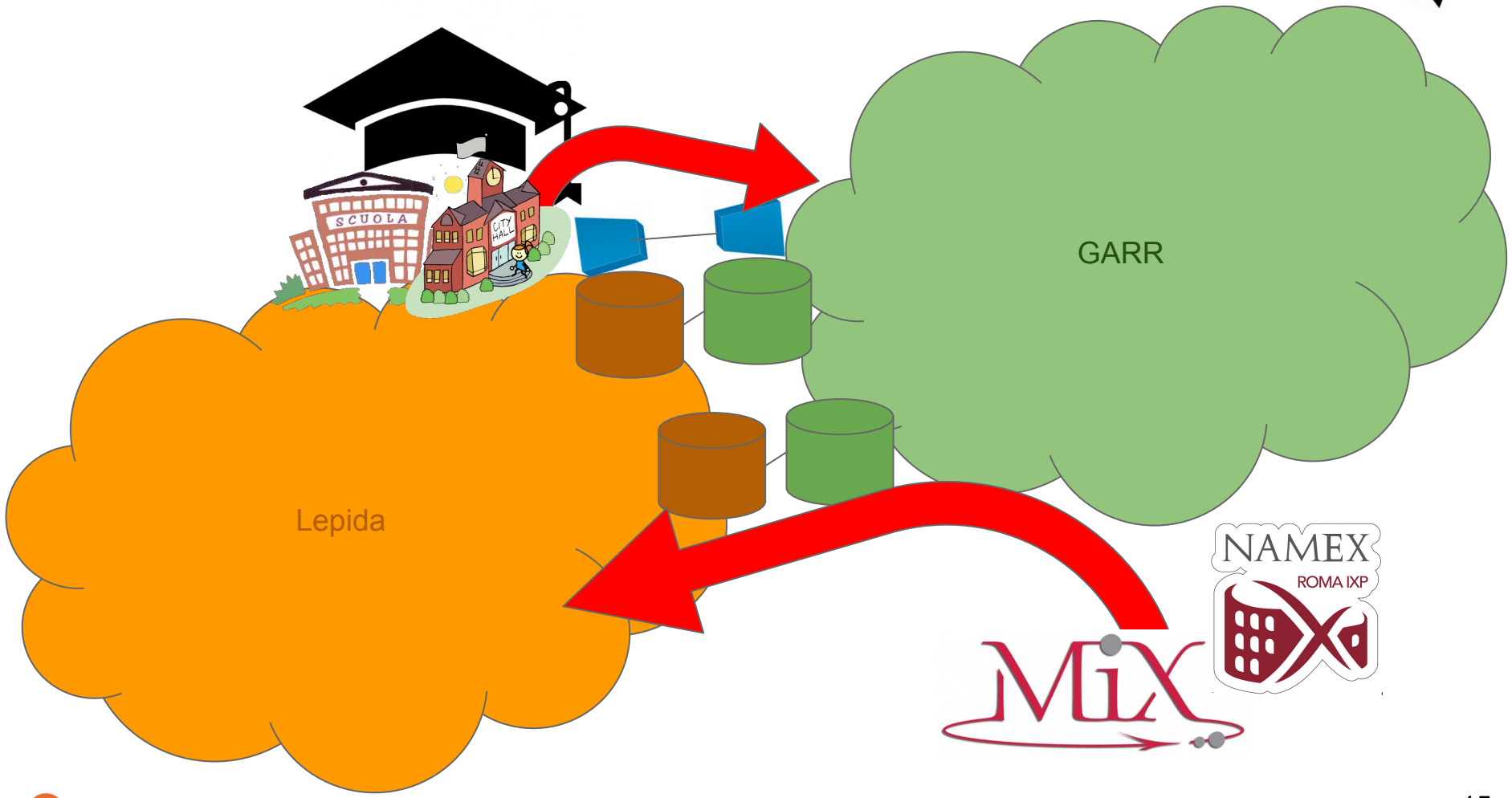
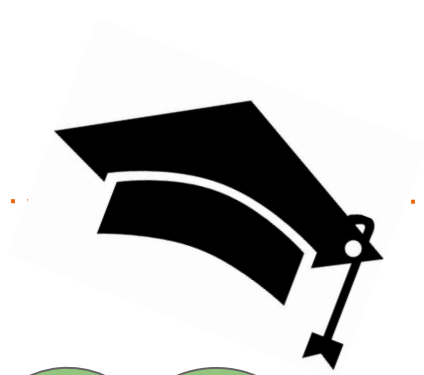


Lepida cresce...





GARR e Lepida





Grazie per l'attenzione