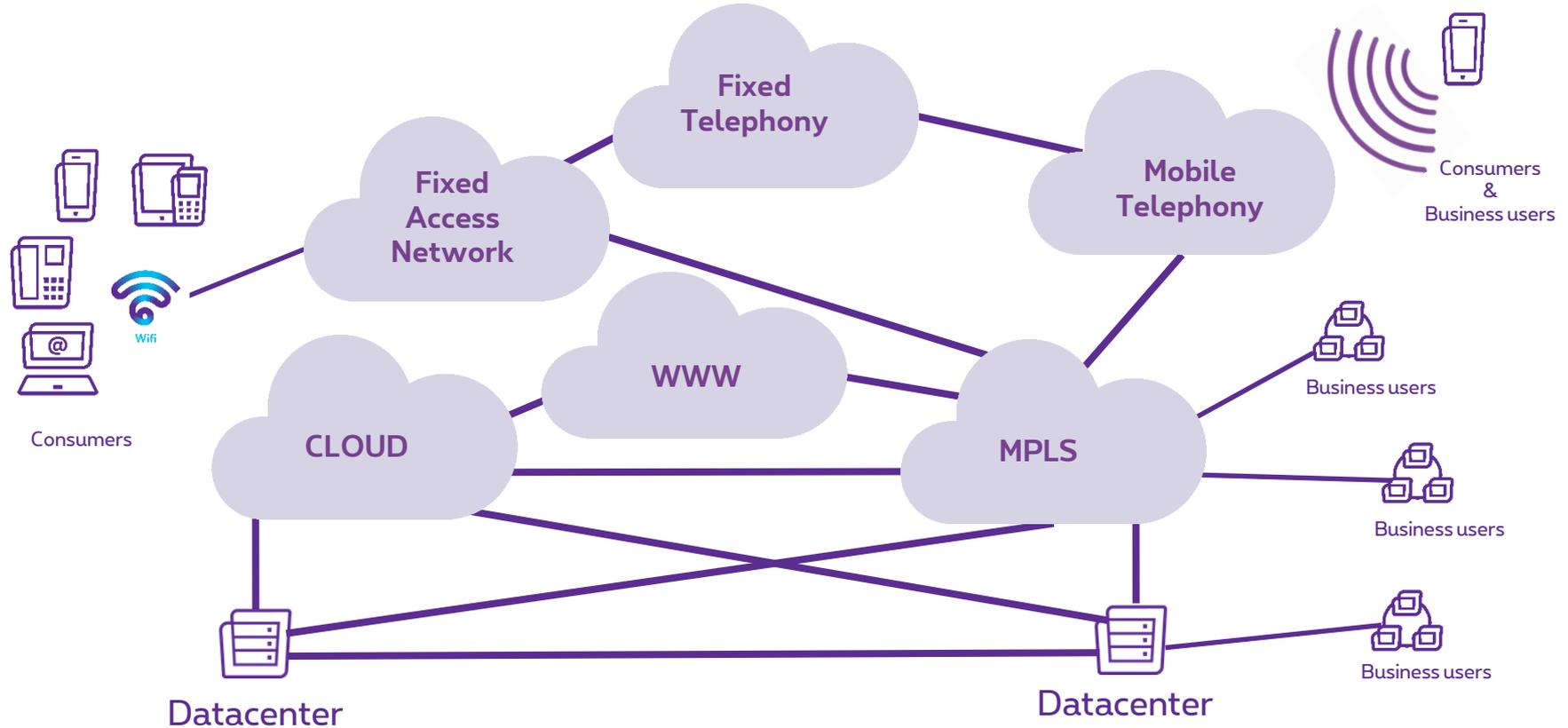


# Proximus Carrier & Wholesale

## Optical Networking Services



# Service Provider networks



# Service Providers requirements

I want to connect all the sites of my customer

I want to connect my customer to my network at high bandwidth

I want to connect my customer to my network via xDSL

I need a low latency connection

I need to connect a customer abroad

My customer's applications requires Quality of Service

My customer needs a high available connection to my network

I need to connect an antenna site to my mobile network

...

# If you as a Service Provider need connections that

- ▶ Are Point to point
- ▶ Are Transparent
- ▶ Have Low latency
- ▶ Are Industry standards
- ▶ Have a bandwidth until 10 G
- ▶ Are Nationwide available
- ▶ Have availability SLA's
- ▶ Have redundancy through circuit protection options
- ▶ Are supported by One Service Desk
- ▶ Are Managed 24x7
- ▶ Supported by a Selfcare portal for ordering provisioning and incident handling

# Then Optical Networking Services is your solution

For Wholesale Partners active in Belgium who need High Bandwidth, low latency, point to point connectivity, we provide Optical Networking Services – ONS.

Transparent connection

Nationwide coverage

Industry standards solution

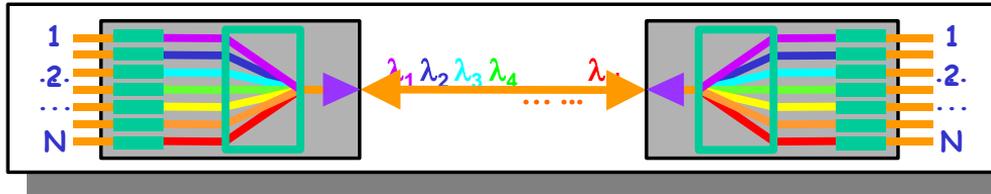
E-tools

Protection options

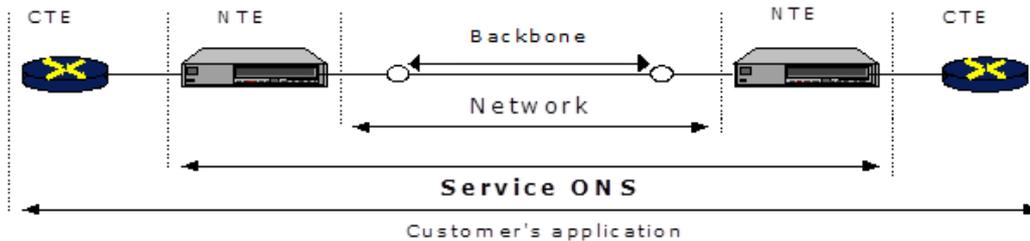
Availability SLA

# ONS - Transparent connection

Point-to-point transparent connectivity based optical technologies



xWDM = virtual multiplication of the optical fibre



## ONS

- Service transparency (Layer 1 service)
- Dedicated and guaranteed bandwidth
- Jumbo frames allowed on 1G & 10G services
- Multi protocol supported (Layer 1 services)

# ONS - Industry Standard offering and protection options

## Signal

Ethernet (IEEE 802.3u 1998 Edition)

Fast Ethernet (IEEE 802.3u 1998 Edition)

Gigabit Ethernet(IEEE 802.3z full duplex)

10GBASE-T (LAN PHY)

10GBASE-W (WAN PHY)



Yearly  
Availability

99,9%



Yearly  
Availability

99,95%



Yearly  
Availability

99,97%

# Thank you



More info?

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