

# Orange, a major player in the wholesale market

Choose reliability and quality: take advantage of our in-depth knowledge of the industry thanks to our activities in both retail and wholesale markets. Our dedicated teams on four continents serve 1,000 mobile operators, international carriers, ISPs and content providers worldwide. You can rely on our seamless backbone network spanning 220 countries and benefit from 450,000 km of fibre cable. Thanks to a worldwide R&D policy, we are at the forefront of technological advances.



## Long Distance Ethernet

### In brief

Long Distance Ethernet (LDE) allows to connect datacenters or headquarters around the world with **scalable, easy to implement and natively protected solution**.

Our Ethernet services offer you the best quality of service with controlled costs and upgrades without service interruption.

### Our solution

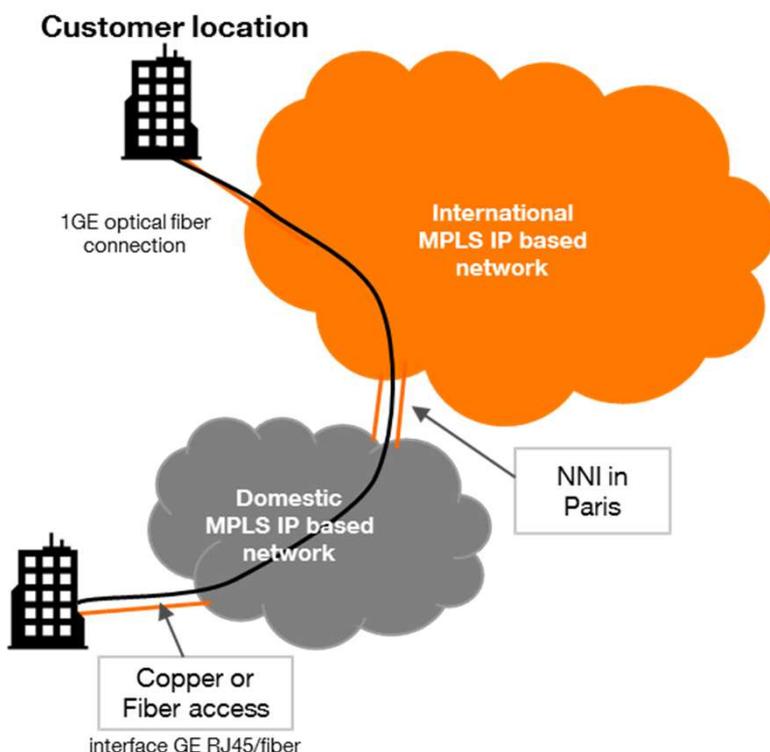
LDE is a virtual circuit tunneled through Orange MPLS network to create transparent point-to-point connection between two PoPs (L2VPN).

Based on Orange international redundant MPLS network, LDE is a secured and natively protected solution.

The native Network to Network Interconnection (NNI) with Orange France MPLS network allows us to reach easily any customer site in France.

#### Our offer covers:

- EVPL point-to-point circuit
- Bandwidth granularity from 2Mbps to 1Gbps
- 50 PoPs worldwide
- A full coverage of French territory and partnerships to extend our footprint as “One Stop Shopping” offers



# Long Distance Ethernet

## Your benefits

### We help you serve your corporate customer's needs

- Ethernet is a mature technology adapted to corporate needs for LAN interconnect
- It relies on a well-known and standardized technology, limiting development costs.
- It is easy to implement, and allows faster delivery compared to other technologies, with a Lead time for delivery of 4 weeks for our PoP to PoP services.

### Only pay for what you need thanks to a scalable solution

- LDE provides a strong granularity from 2M to 1GE in standard, and up to 10GE on OSM
- Any increase of bandwidth is possible without service interruption for your business continuity

### Cost effective solution

- Ethernet interfaces have a limited total cost compared to traditional bandwidth interfaces.

### Benefit from an extended worldwide coverage

- The offer is available on 50 PoPs worldwide with a strong presence in Europe, US, Singapore, Hong Kong, and in the Middle East (Jordan) and Africa (South Africa, Ivory Coast)
- The offer will benefit from an ambitious extension plan of our MPLS backbone, especially to cover Africa
- The France coverage is natively included in our offer and enables to reach any customer site.

### Secure your business with our SLA commitments

- The redundancy of our MPLS backbone offers a native protection of your Ethernet connectivity service
- In case of failure on a route, the rerouting of your traffic takes less than 1 second
- We guarantee 99,99% yearly availability on our PoP to PoP services (99,85% on PoP to customer site)

## Orange

Whether you are an international or a regional player, a wholesaler, a retailer or an OTT, we provide you with tailor-made solutions adapted to your specific needs. Protecting the value of your business and bringing new services to your end-users is what we do through a wide range of offers available anywhere in the world. At Orange, our priority, is to ensure the best quality of services, and bring continuous improvement to our customers relationship in order to meet your needs and expectations.

