

international **wholesale** solutions

voice

hubbing

TDM / IP

Orange, a major player in the wholesale market

Take advantage of our in-depth knowledge of the industry resulting from our activities on both retail and wholesale markets. Our dedicated wholesale 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 400,000 km of fibre optic cable under all oceans including dedicated IP routes. We offer direct interconnections with more than 385 operators in 150 countries for international voice traffic. With 19 research labs on four continents, we are at the forefront of technological advances.

Choose reliability and quality, choose us.



in brief

Our hubbing voice transit service provides you with international voice traffic termination. You may use our service either to convey your traffic to destinations to which you do not have a direct route or lack capacity, or to optimize the cost/quality factors according to your needs.

access to the service

general case

An interconnection between Orange and the customer is created to support the hubbing service. This interconnection can be implemented either via TDM or IP and may also be used to route other voice/data solutions.

based in France

Our specific Hubbing Acces France offer in TDM and IP is available to connect to our International Switching Centres.

our solution

This solution is available on Orange's seamless network, based on **TDM** and **IP** technologies.

With this solution, just one interconnection with us gives you access to all our destinations.

an exhaustive choice of 950 destinations

A destination can be a country (fixed or mobile), a city or a mobile network and is always defined by a numbering plan.

a choice of solutions

Adapt the quality/price ratio in accordance with the needs of each destination.



a price per minute/destination

Prices are set for a maximum period of one month. Changes require a seven day prior notice. Monthly invoice in USD, EUR or SDR (Special Drawing Rights).

a dedicated customer support

Customer Support Centre (CSC international wholesale) available 24/7/365, through a single number.



your benefits

Using our hubbing service enables you to terminate your international voice traffic at any destination worldwide, without requiring interconnections or business agreements with those destinations.

Premium: reliable Quality of Service

The Hubbing Premium service provides stability for your retail traffic. It offers quality routing towards the main mobile and fixed destinations, with steady answer-to-seizure ratio levels and CLI transfer. The Hubbing Premium gives you enhanced fault management and monthly customized and detailed QoS reporting, with key indicators for its specific traffic.

Optimum: balanced price and quality

The Hubbing Optimum service offers cost optimization to terminate your international voice traffic. You can enjoy the flexibility you need to steer the best course for your business, benefiting from a global and dynamic coverage as well as competitive prices.

go further with IP support

In addition to our offer's benefits, voice over IP allows you to:

consolidate

your networks and operate only one

manage

the scalability of your network with ease

reduce

your operational costs and optimize your bandwidth consumption

develop

applications and services based on Voice over IP such as HD Voice

Orange

Operating in 35 countries, Orange is one of the world's leading telecommunications operators. The Group has a total customer base exceeding 226 million customers including more than 167 million mobile customers worldwide. Covering Internet, television and mobile services, Orange is among the leaders in Europe for mobile and broadband internet and, under the brand Orange Business Services, is one of the world leaders in providing telecommunication services to multinational companies.

www.orange.com/wholesalesolutions

