

# Telia Wholesale

Peering in a nutshell

Kimmo Yrjölä, Head of Sales and Business  
Management

16.11.2022

# GLOBAL REACH AND LOCAL PRESENCE WITH SINGLE POINT OF CONTACT



End-to-End  
responsibility

**Local** sales, support and  
service **presence** for  
daily operations

ETHERNET



INTERNET



CO-LOCATION



WAVELENGTH



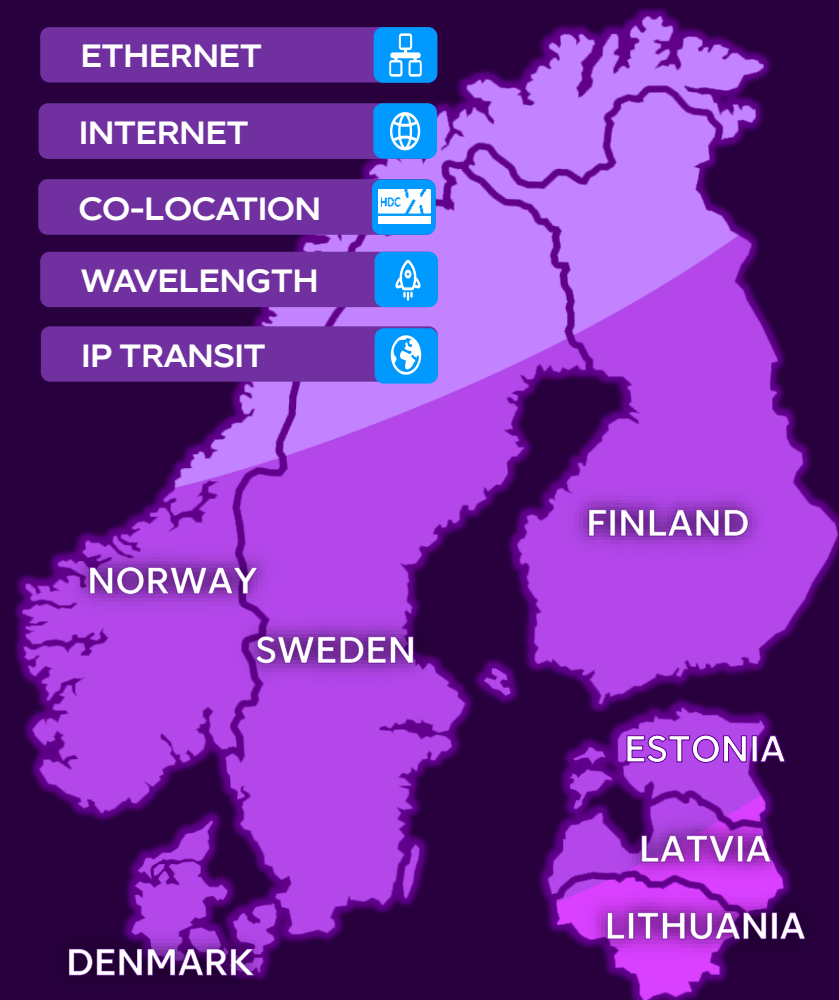
IP TRANSIT



One agreement  
One Nordic SLA  
One Invoice

Global and local  
Products / offers  
**Meet your needs**

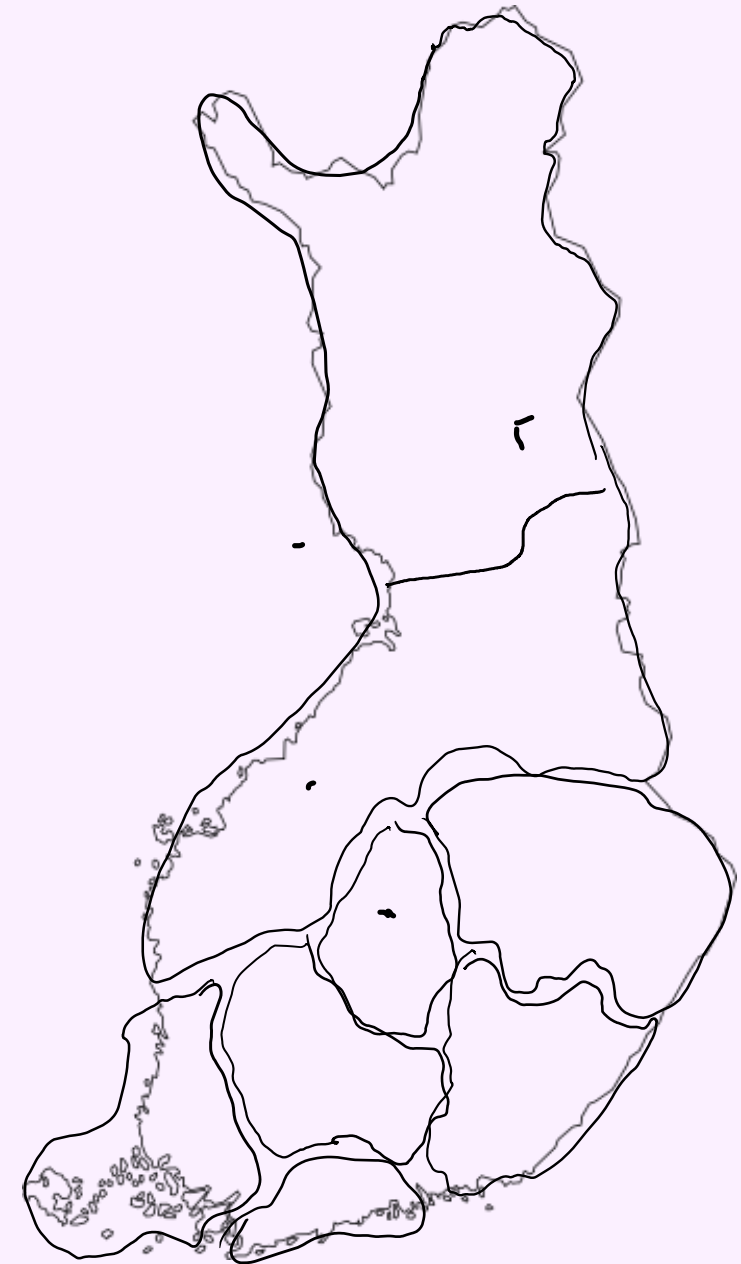
**One Master Agreement**  
For the strategic  
business partnership



# Regional strategy

Category	Internet	Business-critical	Low-latency
Latency	>10 ms	<10 ms	~1 ms
Services	Services not sensitive to latency	Services with strict latency requirement	Ultra-low latency services
Where	Network-wide	Regional network E2E connection.	Local solutions

- Telia will create the ability to offer ICT-service on low latency regionally
- Regionality will be realized selected 8 areas
- Each area will have to datacenters that can offer both end customer (Telia Inmics-Nebula, Netcom and Telia Cygate) services and wholesale co-location service.
- All needed connectivity will be made available in these locations



# Telia Helsinki Data Center (HDC)

Modern, Secure & Environment conscious Datacenter in a stable environment

Excellent connectivity to key operator networks

Carrier neutral



# Telia PEERING/IP Transit tuote

## — IP Transit

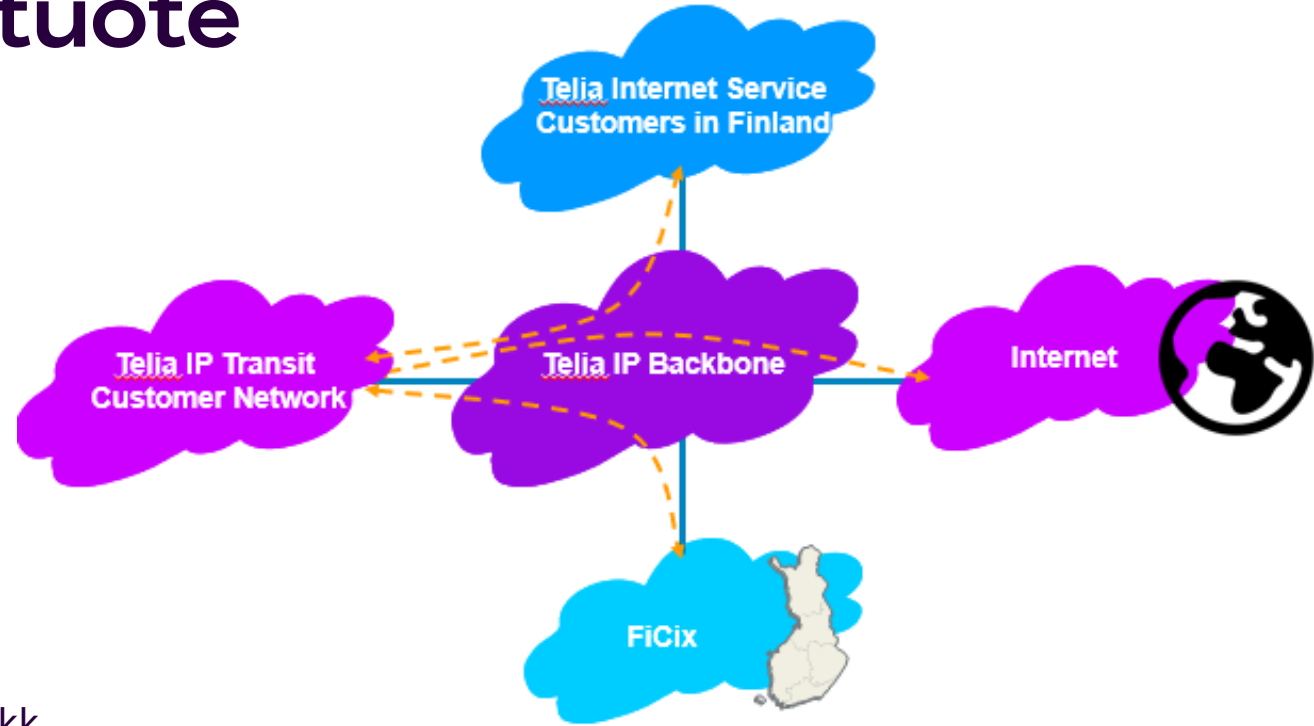
- Global, National, Local
- From 100M up to 100G
- Dual Access
- DDoS mitigation

## — Public peering

- FICIX – Helsinki/Espoo/Oulu
- Vastikkeellinen public peering AS1759 verkkoon
- Vastikkeeton public peering AS1759 verkkoon
- Laskutusmalli samanlainen kuin IP Transit:  
Committed capacity OTC ja MRC ja burst €/Mbps/kk

## — Private peering

- Yhteys asiakkaiden oltava yhteensopiva peering policyn ehtoihin.
- Peering policy määrittelee millä ehdoilla Telia Finland suostuu private peering järjestelyihin



# TeliaPeering Policy, e.g.:

- Peer should operate a fully redundant and resilient network that covers >75% of the populated parts of Finland, or there is a national interest of both parties to peer.
- Peer is willing to establish diverse physical interconnections in locations where Telia Finland is present. Remote peering is not allowed.
- The peer will only send traffic to Telia Finland that is received from directly connected, paying customers and that have purchased service on a commercial basis for connection to some or all of the global Internet. Peer will not send traffic that is received from a third party that they exchange traffic with on a peering basis.
- Peer is expected to announce their full route-set in all connected locations.
- Telia Finland will only accept IPv4 prefixes < /25 & IPv6 prefixes < /48.

[http://telia.fi/dam/jcr:e36cb2f9-f251-46b9-b1ce-77f2ef7aab8c/Telia\\_Finland\\_Peering\\_Policy](http://telia.fi/dam/jcr:e36cb2f9-f251-46b9-b1ce-77f2ef7aab8c/Telia_Finland_Peering_Policy)



# Thanks!